

The Armchair Treasure Hunt 2016 / 17

Answers and Results

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Introduction and Themes for the Hunt

Well, I didn't think that I would be doing another of these treasure hunts, but this one actually ended up being as much fun as any of the others that I have set.

Primary Theme – Whisky and Beer

An idea for the hunt had been building for some time – having worked for a couple of years with Chris Andrews, leader of the Alcoholus Lubricatum ATH team (who also set the 2014 Hunt), it was clear that he was (is!) obsessed with beer. I also like a pint or two and I also love Whisky (and also Whiskey, but this quiz is about Scotch and English Whisky), so a quiz based on the main theme of alcohol seemed to be in order.

When I first started drinking with my pal Noddy (don't ask!) I was somewhat ... young. We were eager to drink, get drunk and fall down, but we mixed drinks and fell down too often! So we learned a little rhyme to help up stay sober(ish) – “Whisky and Beer have no fear, Beer and Whisky could be risky!” Now this was simply about the order in which you should drink different types of alcohol, but the rhyme has stuck in my head ever since. I simply had to use it in this Hunt.

Secondary Theme – Iain Banks

One of my favourite Sci Fi authors is Iain M Banks (the M stands for Menzies). I used to get all of his Sci Fi novels almost as soon as they came into print. Sadly, he died in June 2013 from gallbladder cancer. He has written many books, both Sci Fi and also mainstream, the former with the middle initial “M”.

However, he has only written one non-fiction book (to my knowledge), called *Raw Spirit*, a travelogue around Scotland (for the most part), trying to find his favourite whisky. This book gave me the link between the themes.

How was I going to tell you where the treasure was?

Malaysian Airlines Flight 370 was a scheduled international passenger flight that disappeared on 8th March 2014 whilst flying from Kuala Lumpur to Beijing. Although some wreckage of the plane has been found on the shore of Reunion Island – a flaperon - the main bulk of the flight has yet to be found. However, this sad event was not the subject that piqued my interest, rather the way in which the searchers went about tracking where the aircraft may have flown over and narrowing down the area where it might have gone down into the Southern Ocean.

A bit of techie speak coming up – sorry.

During flight, the aircraft maintains a datalink with a satellite communication network for data and telephone calls. The datalink connects the aircraft and a ground station via satellite, which translates (changes) the signal's frequency and amplifies the signal; the ground station is connected to telecommunication networks which allows messages to be sent to and received from other locations, such as the airline's operations centre. Normal communications from Flight 370 were last made at 1:07 MYT and the datalink between the aircraft and satellite telecommunication network was lost at some point between 1:07 and 2:03, when the aircraft did not acknowledge a message sent from the ground station. Three minutes after the aircraft left the range of radar coverage—at 2:25—the aircraft's Satellite Data Unit (SDU) transmitted a log-on message, which investigators believe occurred as the SDU started after a power interruption. Between the 2:25 message and 8:19, the SDU acknowledged two ground-to-aircraft telephone calls, which were not answered, and responded to automated, hourly requests from the ground station that were made to determine whether the SDU was still active. None of the communications from 2:25–8:19 contain *explicit* information about the aircraft's location. The aircraft's final transmission at 8:19 was a log-on message; the aircraft did not respond to a message from the ground station at 9:15. Investigators believe the 8:19 log-on message was made when the SDU was restarting after the aircraft ran out of fuel and the aircraft's Auxiliary Power Unit (APU) was started.

The search for Flight 370 was launched in Southeast Asia near the location of the last verbal and radar contact with air traffic control. The day after the accident, staff at Inmarsat reviewed the log of communications between their network and Flight 370 and discovered that Flight 370 continued for several hours after contact with air traffic control was lost. On 11 March, they provided a preliminary analysis to investigators based on recorded *burst timing offset* (BTO) values. Relatively simple calculations can be made from BTO values to determine the distance between the aircraft and satellite at each transmission. When these distances are plotted on Earth, they result in **rings** which are further reduced to arcs, due to the limited range of the aircraft. Another value—*burst frequency offset* (BFO)—was analysed to determine the movement of the aircraft relative to the satellite, based on the Doppler Shift of the signals, which provides the location of the aircraft along the BTO-derived arcs. Initial analysis of the BFO values showed a strong correlation with a track south into the southern Indian Ocean, west of Australia.

Third theme - The Principle of Rings

The key point here is that the location was narrowed down *by a series of rings*, denoting distances from a certain point. So, my idea is to sort out certain key Points of Interest (POIs) and then provide distances from those key points so as to find other POIs on the rings of distance. By giving people clues as to what the POIs would consist of, they could then narrow down the possibilities on each of the rings and hence find the new POIs. This principle can then be extended to further rings, etc. ad infinitum.

During the production of the Poster, I originally intended to put a picture of MH-370 on the page, to signify how to use the rings. However, I was persuaded (correctly) that this would not really be appropriate for a Christmas quiz, so I removed it and replaced it with a constellation. I'll explain that later.

Points of Interest (POIs)

The key POIs for this quiz were of course Distilleries, Breweries and Pubs. But finding a pub in which I could hide a Treasure is quite difficult. So the next thing to do was to find a location for a Treasure and then add some other POIs. But what type of POIs? It had to be something easy to find on a map, commonplace and also plentiful throughout Britain.

One of the main viewpoints of the Chiltern Hills is Ivinghoe Beacon. Beacons are plentiful, there are lots of types of them and they exist all over the country. Nearby is a wonderful chalk lion carved into the hillside near Whipsnade Zoo and Dunstable – and of course, Lions are plentiful in the UK as well, mainly as the Red Lion is the most common pub name in Britain. The Red Lion signifies the conjoining of the royal arms of Scotland to those of England after the Stuart succession in 1603.

So, I needed to search for a site near Ivinghoe Beacon, and Pitstone Hill fitted the bill. It had a car park and was close to the start of Grims Dyke (an ancient earthwork); it even had a suitable treasure location hidden in the bushes at the end of the car park – a disused red agricultural trough.

So, I had Distilleries, Breweries, Pubs, Lions, Beacons, Dykes and car parks. All of these were commonplace and could be found on a map. Perfect!

Final (sub) Theme

There were lots of references to previous Hunts in the quiz – notably in the Poster and also in the quiz itself. These were Red Herrings, completely. I needed some final end POIs for the Rings and I thought that people would not be taken in by previous Hunts. It also helped advertise some of those which are still of interest. Sorry if anybody was taken in.

Things that I would have improved...

The final resulting hunt evolved a lot from these early beginnings. There were still a few things wrong with it, though.

There were various things that I would have liked to have done to improve the holistic nature of the hunt. These were (in no particular order):

- The questions were weaker than I would have liked. I rushed preparing them and should have had much better variety and depth to the questions.
- I did not really need to mix up the pages from the publication date of the associated novel. It simply added too much complexity. I was concerned that people would find the treasure too easily!
- I should have moved the crossword from the Glenfiddich page. You'll find out about that later on.
- The bug fixing on the Hunt was pretty good. Only 4 errors were found – a typo on capital letters, the Delta Geminorum distance problem on the Poster, the Paved Rock Stable anagram problem and a minor problem with the NEWS code. That's pretty good for something of this level of complexity. There may be other errors, but I haven't found them yet – no doubt some of the entrants will have found others.
- There will probably be errors in this answers document as well. My apologies, but I'll correct those in the final version to be issued with the results after the marking has completed.

Scoring and Marking

We tried to ensure that solvers actually had to think about things, rather than proceeding mechanically with Google, Tin-Eye and on-line cipher solvers.

This year, I worked out a scoring system that rewarded hunters recognising the links / themes that I had put in to the quiz. So, for example, recognising that a picture came from a particular place is all well and good, but actually that is a straightforward Google / Tineye search. However, placing that picture into the context of the quiz is what got the marks.

An example: on page 2, there was a picture of Daniel Craig in Skyfall in the Underground chase scene. Easy enough to recognise, but points were only awarded for recognising the link with the climactic scene in Consider Phlebas (the book associated with Page 2) which was an underground chase scene / disaster.

I also gave bonus marks for answers and observations that appealed. The usual marking scheme applied, with higher marks being awarded for the more difficult questions. The number of teams answering each question correctly and the points available are shown against each item thus: **[number, points]**. Some things were too simple for this scheme, though, so I only gave 1 point for a correct answer – again, I'll show where those marks were awarded against the item in question.

I HAVE awarded points for the Poster as that had quite a lot of interesting puzzles on it that are of relevance to the hunt.

However, I did NOT award any points for stuff on the Facebook page; FB was incidental and a useful communications tool, but it was not essential to be on Facebook to complete the quiz. The answers to the puzzles set only on there are now included alongside the questions; no points have been awarded for them. It would not be fair otherwise.

I have added some putative marking points in this document – shown as **[number, points]**. These indicate where we probably give marks and how many. That is not yet set in stone so it may well change as we go through the actual marking.

OK, let's go through things in order:

1. The Poster
2. The Pages of the Quiz itself
3. The Questions (and more importantly, the Answers)
4. The codes and ciphers
5. The Rings (and associated distances and bearings)
6. The Treasure Locations.
7. The Results (to be completed in the next edition)
8. Hunters Tales (to be completed in the next edition)

The Poster

I needed something interesting, which would set the scene for the quiz and also provide some *amuses bouches* for the hunt proper. Hopefully that was achieved.

Text – nothing of significance in here – it is all true and there were no hidden messages. I also introduced the Facebook page, but that was another communication tool; it was not necessary to join Facebook in order to solve the Hunt or find the Treasure.

I introduced the Ring theme by putting in Olympic style rings, but with 7 of them rather than the Olympic 5 (representing the 5 continents). **[number, points]** Some of you spotted that the Olympics may go to 7 rings in the future. **[number, points]** My 7 rings represent Whisky, Beer, Pubs, Lions, Beacons, Dykes and Car Parks.

The colours of the rings are incidental; as was the placing of them forwards or backwards – I did that simply to make the pictures more visible in the Hunt itself. This is something that I should have improved as it caused many of you to think that there was some significance to the ordering; there was not.

The spider diagram was introduced to show you how to decode it and relate it to Whisky. The spider diagram (also known as a radar diagram) is from https://statofmind.files.wordpress.com/2014/01/generate_image.pdf which is for Scotch whiskies only; indeed for only certain expressions of those whiskies. Many (most) distilleries produce more than one whisky and they can taste radically different. So I used one website only for consistency.

The poster spider diagram is for Royal Lochnagar whisky (produced near Balmoral Castle). **[number, points]**

I used the Racecard because I like to go to the races, I needed 12 decodes and it seemed like a good diversion. As you saw from the Hunt, Racing has nothing else to do with the quiz. I took the racecard layout from a real race card (I think it was Newton Abbot on Sky Racing website, although it might have been The Racing Post) as it had 12 runners and the jockey's colours were already there. Many of you actually found those colours and hence the source race – well done! But I gave no marks for that.

Ayr is one of the Scottish racecourses, and I wanted to call the Hunt the Pablo Sath Royal Lochnagar Handicap Chase – it seemed like a nice name. 13:00 as the time of the race was incidental.

2 mi 3 fu 75 yd – a slightly unusual statement of the race distance in that it would never be shown on a race card in that way. The hint was to the distances show later in the Hunt itself. **[number, points]**

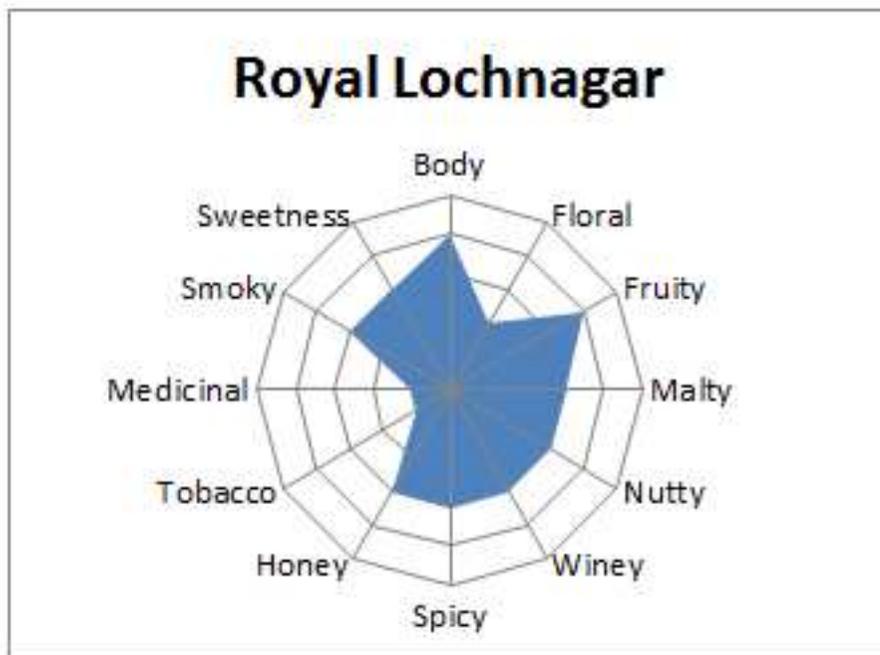
Prize money – this was a simple hint as to what was going to be the actual prizes for the Hunt. Although I think that the prizes will be slightly different from these....

Going and Surface – no significance.

12 runners. Trap number is primary key for the table.

Form column contains one two-digit prime per horse and four alphanumeric characters, with the remaining numbers being single-digit primes. This is a hint to the Red Lion Prime Number code – see later. There was, er, ‘an exception that proves the rule’ on line 11.

Horse name is indicative of the whisky radar diagram ordering. There are some bad puns in there, though. **[number, points]**



Saddle number (days since last ran - the one after the Horses' name) is a simple substitution code for "Use of Weapons", but in TS (Topseed Ratings) order. **[number, points]**

Weights - the pounds number after stones are the weightings on the radar diagram for Royal Lochnagar on the Spider Diagram. **[number, points]**

Trainer in Ring order but using band member names (ie Whisky Stain, Brewhouse, Pub rock bands (represented by Dr Feelgood), Lion, Beacon, The Quarrymen, Car Park) and the Treasure setters for 1985 (first ATH – Paul Coombs), 1991 (Steve Hames), 1995 (Rosalind Barden) and 2007 (Pablo's last).

Jockey in Age order, but using band member names (ie Whisky Stain, Brewhouse, Pub rock bands, Lion, Beacon, The Quarrymen, Carpark North) and the Treasure first finders for 1985 (Steve Morris), 1991 (Wendy Petty), 1995 (Dave Harding), 2007 (Chris Andrews). **[number, points]**

RPR column is ASCII for "Subtle Virtue" in primary key order **[number, points]**

Starting Price - first digit is grid reference for Hook Norton Brewery (SP348333) and then The Pear Tree Inn (SP351332) – they are on the first actual set of Rings in the Hunt. **[number, points]**

The strange looking font is Marain – a language invented by Iain Banks for his Culture series of science fiction books. The best explanation I have found of it is on this website: <http://trevor-hopkins.com/banks/a-few-notes-on-marain.html>. I wanted to introduce this on the Poster so as to get you used to my method of giving you useful information (for example the treasure location directions).

The Marain text was related to the Rings. It is from the Lord of the Rings (LOTR) and is the Ring verse, but in the Elvish (Sindarin) language. It was done to make it harder for you to decode the font. The key thing to note here is the hint to the Rings and, in particular to the 7 rings for the Dwarf Lords in their Halls of Stone. **[number, points]** But it also acted as a diversion on the main theme.

The picture of the Trough – this is the actual treasure site. I thought it interesting to show you the actual location right at the very beginning of the Hunt.

It also had a micro picture hidden on it of a dwarf brewmaster drinking Beer, which was a hint to another theme of the Hunt, namely Beer, but not LOTR.

The star constellation – this introduced another of the key elements of the Hunt – the direction constellation and also that the distances between the stars was significant. This was a late change to the Poster, so I went back to one of my previous Hunts for inspiration. In fact, I used a lot of hints to previous hunts as you might have spotted.

The star titles are actual stars, shown in the order of their distance from Sol (our Sun) order. The distances are in Light Years – although after the Poster was published it turned out that there is some debate about the distance of Delta Geminorum (aka Wasat) and Theta Centauri from our Solar System. Wikipedia has a different set of distances from the website that I originally used (<http://www.atlasoftheuniverse.com/stars.html>). After consulting some astronomers, I decided to issue an amendment to the Poster to align with Wikipedia, which is believed to be correct on this occasion.

The lyrics on the other side for each star are taken from Billy Joel’s song *We didn’t start the Fire* in which he lists news items / personalities that happened in particular years. Those years correspond to the distances from Sol to those stars. So light from Earth would reach those stars showing the events in those particular years. **[number, points]**

Year	Lyric	Distance in Light years in 2016	Star names
1949	Harry Truman, Doris Day, Red China, Johnnie Ray	67	
1949	South Pacific, Walter Winchell, Joe DiMaggio	67	
1950	Joe McCarthy, Richard Nixon, Studebaker, Television	66	Alpha Arietis
1950	North Korea, South Korea, Marilyn Monroe	66	
1951	Rosenbergs, H-Bomb, Sugar Ray, Panmunjom	65	
1951	Brando, The King And I, and The Catcher In The Rye	65	
1952	Eisenhower, Vaccine, England's got a new queen	64	
1952	Marciano, Liberace, Santayana goodbye	64	
	We didn't start the fire		
	It was always burning since the world's been turning		
	We didn't start the fire		
	No, we didn't light it, but we tried to fight it		
1953	Joseph Stalin, Malenkov, Nasser and Prokofiev	63	Rho Puppis

1953	Rockefeller, Campanella, Communist Bloc	63	
1954	Roy Cohn, Juan Peron, Toscanini, Dacron	62	
1954	Dien Bien Phu Falls, "Rock Around the Clock"	62	
1955	Einstein, James Dean, Brooklyn's got a winning team	61	Delta Geminorum
1955	Davy Crockett, Peter Pan, Elvis Presley, Disneyland	61	
1956	Bardot, Budapest, Alabama, Khrushchev	60	
1956	Princess Grace, Peyton Place, Trouble in the Suez	60	
	We didn't start the fire...		
1957	Little Rock, Pasternak, Mickey Mantle, Kerouac	59	Theta Centauri
1957	Sputnik, Zhou Enlai, Bridge On The River Kwai	59	Iota Centauri
1958	Lebanon, Charles de Gaulle, California baseball	58	
1958	Starkweather Homicide, Children of Thalidomide	58	
1959	Buddy Holly, Ben-Hur, Space Monkey, Mafia	57	
1959	Hula Hoops, Castro, Edsel is a no-go	57	
1960	U-2, Syngman Rhee, payola and Kennedy	56	
1960	Chubby Checker, Psycho, Belgians in the Congo	56	
	We didn't start the fire...		
1961	Hemingway, Eichmann, Stranger in a Strange Land	55	
1961	Dylan, Berlin, Bay of Pigs invasion	55	
1962	Lawrence of Arabia, British Beatlemania	54	
1962	Ole Miss, John Glenn, Liston beats Patterson	54	

1963	Pope Paul, Malcolm X, British Politician sex	53	
1963	J.F.K. blown away, what else do I have to say?	53	
	We didn't start the fire..		
1965, 1968	Birth control, Ho Chi Minh, Richard Nixon back again		
1969, 1974	Moonshot, Woodstock, Watergate, punk rock		
1976, 1977	Begin, Reagan, Palestine, Terror on the airline		
1979	Ayatollah's in Iran, Russians in Afghanistan	37	Arcturus
1981, 1983	Wheel of Fortune, Sally Ride, heavy metal suicide		
1983, 1984	Foreign debts, homeless Vets, AIDS, crack, Bernie Goetz		
1988, 1989	Hypodermics on the shores, China's under martial law		
1989	Rock and Roller cola wars, I can't take it anymore	27	Mu Herculis

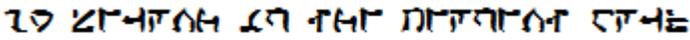
Remember, the Search is half the fun! – this is last line of Iain Banks' book *Raw Spirit* which is all about his search for the Perfect Dram.
[number, points]

The codes and ciphers

Marain Text

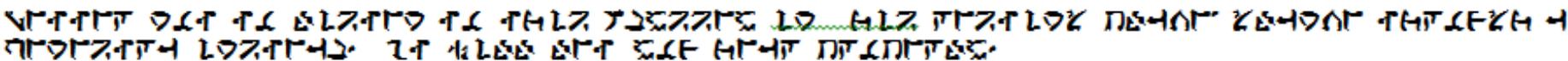
Having introduced the Marain text on the Poster, I continued to use it freely in the quiz itself. However, much of it was not so useful and proved to be a real diversion. The font that I used can be downloaded from the web and was invented / encoded by a guy called Daniel Solis. See <http://danielsolisblog.blogspot.co.uk/2010/09/free-font-marain-script.html>

The various messages and their translations are as follows:

Page 1:  = In Search of the Perfect Dram.

This is the subtitle of the Iain Banks book *Raw Spirit*. It is also a good strapline for this quiz. Points for this fact, but not simply decoding the message. **[number, points]**

Page 2:



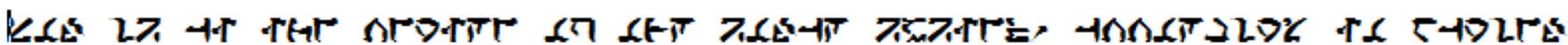
This equals:

Better not to listen to this Odyssey in his resting place; glance through a fenestra instead. It will let you hear properly.

One of the problems with the page publishing package that I used is that the PDF it produces does not work so well on Apple IOS devices, particularly in that any audio files did not register at all. This is something that I would definitely change next time.

So this was a hint to use windows (fenestras) to listen to the files. Homer wrote a great epic poem called The Odyssey, and his final resting place (his grave) is reputedly on the Greek Island of Ios. **[number, points]** Very few of you spotted this, which surprised me.

Page 3:



= Sol is at the centre of our solar system, according to Daniel.

them – it is fascinating to read some of the people on the list. 5099 is a Prime Number **[number, points]**, so you simply add Iain Banks into the enciphered alphabet in order to get the correct key. Most people missed this hint or used it for something else.

The encoded alphabet is therefore:

Code letter	Prime No.
i	2
a	3
n	5
b	7
k	11
s	13
c	17
d	19
e	23
f	29
g	31
h	37
j	41
l	43
m	47
o	53
p	59
q	61
r	67
t	71
u	73

v	79
w	83
x	89
y	97
z	101

We made it slightly more complex by varying the number of primes in each group – 5, 6 or 7 as we saw fit. This could lead to some ambiguities in the decoding, but nothing that was insurmountable.

Page 2: groups of 6 primes. This decodes to:

at wavelengths of around seven hundred nm lions look a lot like herrings

A hint that Red Lions equal Red Herrings, i.e. False trails! The prime number cipher is pretty rubbish for encrypting messages, because of the ambiguity in deciding how to break it into the constituent primes. But that very feature makes it nice for an ATH, with the Hunters having to work through and tease out the sense. For example, does 53113 represent 53-11-3 = OKA, or 5-31-13 = NGS? The answer, in the warning about Red Lions, was that the first instance was OKA but the second was NGS; we liked that.

Page 5: groups of 7 primes. This decodes to:

From NT carpark go up W path turn R at drive then R again at Elronds house onto path go to fork by fallen tree search by FP signs marked with L

This is a paraphrasing of the instructions to the treasure location for the 1991 Sherlock Holmes ATH set by yours truly. Those instructions were

"Well done, you have found the code. Start from the National Trust car park. Go up the hill to the far end where the road swings left towards some houses and follow a narrow path through the trees. At the drive, turn right and when you reach Elrond's house, veer right onto narrow path through the woods with fence on left. At fork by fallen tree, look behind tree by stump. The place is marked with Logica logo".

As it is a Red Lion trail (see the Rings explanation of which ones are Red Lion trails), I put in a helpful Red Lion card at the actual location. This is shown below for completeness. I know that several of you made visits to these sites, so I put something in to encourage you (!? Interrobang.....). Sorry.

Armchair Treasure Hunt 2016

Congratulations, you have found a Red Lion card. As you should know, Lions do look very similar to herrings in certain sorts of light, ie RED light.

So this is a false trail. Sorry. Please leave this card for the next unfortunate hunter to find. Merry Christmas, Happy New Year and keep hunting. Remember, the search is half the fun!

Steve & Roger



Page 10: groups of 5 primes. This decodes to:

HT to R Pinn go upstream east bank to stop at nineteen thirty bridge search in trough near L take wellies

This is a paraphrasing of the instructions to the treasure location for the 2000 Snakes and Ladders ATH set by Dave Kee. Those instructions were:

*HT to R Pinn go upstream east bank.
Stop at 1930 bridge.
Walk in trough on bridge.
Stop at fallen block
Box behind concrete east side @.*

However, see the further elaboration by Dave in his answers for that year:

*When you walk up the east bank you come to a 1930s canal feeder aqueduct which looks like a bridge to the uninitiated. The trough on the bridge is the feeder and in the 1930s it took water from Ruislip Lido to the Grand Union canal in Hayes. Please note that when we buried the treasure we did walk in the trough and it was muddy. We really didn't think that it would contain 6" of water and ice when you came to find the treasure – we were just lucky. This made finding the fallen block difficult for some of you. Also if we had our time again the graphic at the Finish would have included a pair of **Wellington boots**.*

So I had to tweak the words slightly. Again, a Red Lion trail, I'm afraid.

Page 13: groups of 5 primes. This decodes to:

Follow acorn path S from monument search underneath sixth bench marked with L

This is a paraphrasing of the instructions to the treasure location for the 2007 Italo Calvino and Tarot ATH (The Fool on the Hill) set by Paul Coombs (Pablo) – his final hunt that was finally published by Mark Abbott. Those instructions were a bit more complex and now wrong, since the landscape has changed with several more benches having been put in place. So I had to modify them somewhat. The location is fairly precise, though in the Rings. The original words were:

Opposite the clubhouse, they took the path to the left, forking immediately left upwards through the woods. At a junction of paths they turned right towards the monument. They passed to its left and found the continuation of the Ridgeway, passing a bench and a waymark. The next bench was marked with the Logica L. Forty five paces past this, they turned left between bushes and in eighteen paces they

located a many-branched tree also marked with the L. At the base of this was hidden the treasure they sought.

It also gave you another huge Red Lion in that a National Trail is mentioned – the Acorn path – acorns mark National Trails as the signposts are marked with Acorns. The path in question is the Ridgeway. Another Red Lion, I'm afraid.

The actual treasure for this year IS located on the Ridgeway, but further East. The Beer treasure is also on a National Trail, the SW Coast Path.

Page 14: groups of 5 primes. This decodes to:

From holy building take footpath which soon joins another turn R go into trees search at three trunked tree marked with L

This is a paraphrasing of the instructions to the treasure location for the 1988 Hunt set by Pablo relating to Connections and GB Shaw. Those were:

A round of applause from me! You possess the treasure key. You should understand the right spot to start your stroll - you are right if you understand the snake. From the Holy building, take the footpath opposite; it soon opens out to a bigger one. Go right and pass a farm implement to your left. Go into the trees. Soon, you find a tree that has fallen and split by path. It is before house on right. The treasure is not buried but hidden under this tree, beneath the 'L'.

Again, the landscape has changed in the intervening 30 years, so I had to modify them slightly. However, it is yet another Red Lion trail.

The Devon Maps and the strings of letters (eg t2H6Epm8dYS2) – The Alphabet Parishes Code

You probably do not know this, but I now am living partly in Devon. There are thus a LOT of references to Devon in the Hunt. One of the nicest ones that I found was that in 1995, a novel scheme that was devised to draw the attention of both local people and visitors to the richness and diversity of life in the rolling countryside characteristic of North Devon. The scheme was the brainchild of Danny Hughes, who was employed by Devon County Council and an environmental charity, and it was called the Alphabet of Parishes as it involved 26 villages – one for each letter of the alphabet – in 200 square miles of country bounded by the coast to the north, Exmoor to the east and the River Torridge to the west.

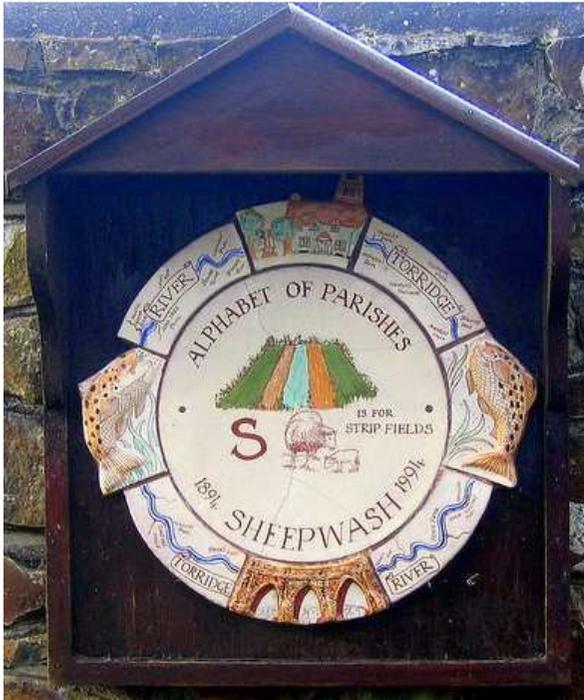
This was a fabulous idea and one that for some time I wanted to use to encode the names of the books in the quiz. However, once Roger started looking at them, he found that Googling the first list it took him immediately to the revelatory Sheepwash Chronicle.

See <http://sheepwashchronicle.org/wp/articles/other-local/the-alphabet-of-parishes/>

So we had to change tack.

We started by encoding them as maps. This had the dual benefit of making them Google-resistant and introducing some ambiguity about order. But some of the maps were ugly, and the small offsets needed to avoid coincident lines in e.g. The State of the Art gave a horrid mess.

So those ones that were messy we simply listed as these into goo.gl/maps links to the relevant places. This not only untangled the mess, but allowed us to make all the links show Streetview images of the relevant plaques. For example:



Or it would have done, if they'd all been visible on Streetview! We never found the L plaque at Taddiport so had to resort to an aerial shot of the eponymous Leper Fields. And Steve's inquisitions of the locals failed to locate the N plaque at Beaford, so an aerial shot of the church hosting the Norman Font had to stand in. Helpful parish councillors and Tourist Info officers sent photos of the indoor plaques at Fremington, Yarnscombe and Great Torrington, after we'd failed to find them on Streetview. Steve visited South Molton and found the plaque exactly where we'd expected, but where building work had been going on when the Streetview photo was taken. For a long time, a round menu-holder on the outside of the pub at Frithelstock was our best candidate for the Y plaque, but eventually we found a Flickr photo that placed it on the church, although out of shot of the Google Eye. Putting a hot-link at K on the Look to Windward map (page 10) allowed us to show the beautifully clear 'K' at Combe Martin Tourist Information, pleasingly positioned on the office of an organisation dedicated to giving people information about journeys in N Devon. We liked that, too.

So what started as a mundane list of places turned into a rich pair of puzzles.

We helped you out by placing two weblinks on the map on page 10, over Combe Martin and Brendon. Those links were: <https://goo.gl/maps/t2H6Epm8dYS2> and <https://goo.gl/maps/C4tnvqgLibC2>. Those final two strings were repeated on the lists of strings of letters on alternate pages. The nodes on the map were meant to coincide with the positions of the Streetview images. A careless assumption that Googling 'Brendon' would give the small hamlet accurately turned out to be misplaced, and the map node appeared on the nearby Brendon Common — sorry. But at least its weblink took you to exactly the correct place.

So the maps and the strings of letters are the same code.

They simply decoded to the names of the book on each page.

Most people got decoded these, but marks were only awarded to those teams that spotted the Alphabet of Parishes link. **[number, points]** Many of you just thought that it was a simple substitution code, albeit a little bit elaborate. We were entertained to see one team agonising (and failing) over the meaning of the letter strings, while at the same time using exactly the same goo.gl/maps short links to discuss possible treasure locations.

The full list is as follows:

Letter	Parish	Symbol (letter)	Google Maps Streetview Link	Image (not all of them are great images and we couldn't find them all!)
A	Bishops Nympton	Apostles	https://goo.gl/maps/LsUn98U4s382	http://www.nevillestanikkphotography.co.uk/gallery/1049/Bishops-

				Nympton/
B	Shebbear	Boulder	https://goo.gl/maps/atSLUpdcxtg	https://www.flickr.com/photos/g0rql/4037551822
C	Fremington	Clay	https://goo.gl/maps/YDGr8Ekw7o82	
D	Brendon	Doone	https://goo.gl/maps/C4tnvqgLibC2	
E	Yarnscombe	Eagle	https://goo.gl/maps/5G1LtQb66bJ2	-
F	West and East Putford	Farming	https://goo.gl/maps/PKBPbz4cbs62	
G	South Molton	Gateway (to Exmoor)	https://goo.gl/maps/2BHkACReSVE2	The plaque had been taken down while the building work was carried out, but it's now back on this imposing entrance.
G	South Molton	Gateway (to Exmoor)	https://goo.gl/maps/gY3jPUvQUHT2	https://goo.gl/maps/Ef9M5BSqSML2
H	Chittlehamholt, Warkleigh and Satterleigh	Holt	https://goo.gl/maps/cUss9MUsoAE2	
I	North Molton	Iron (mining for iron, lead and copper)	https://goo.gl/maps/tej3fgWga2G2	
J	Berrynarbor	Jewell	https://goo.gl/maps/V4g1KgHHrQm	
K	Combe Martin	Kiln	https://goo.gl/maps/t2H6Epm8dYS2	
L	Taddiport and Little Torrington	Leper fields	https://goo.gl/maps/RtrxRHA5dBM2	Aerial shot of the fields
M	Landkey	Mazzard	https://goo.gl/maps/FmjduBTrBwo	-

N	Beaford	Norman Font	https://goo.gl/maps/q4RcQrFZSXR	Aerial shot of Beaford and its church
O	Burrington	Oak	https://goo.gl/maps/3i6aV11Zs8y	http://www.tylcoat.co.uk/burrplaq.htm
P	Winkleigh	Pump	https://goo.gl/maps/JtiudnxWS3o	
Q	Ilfracombe	Quay	https://goo.gl/maps/wM9eXsQZHP	
R	Molland	Red Ruby	https://goo.gl/maps/pTjNfjpPPNH2	
S	Sheepwash	Strip fields	https://goo.gl/maps/y4hudq9qVS92	http://sheepwashchronicle.org/wp/wp-content/uploads/2014/03/alphabetparishes.jpg
T	Great Torrington	Tarka	https://goo.gl/maps/m1JMjzNFR92	The plaque is just inside the entrance to the Pannier Market, high on the right behind the sign.
U	Holsworthy Hamlets	Ugworthy Barton	https://goo.gl/maps/PjtGyN2rULk	-
V	Rose Ash	Village Green	https://goo.gl/maps/xdqkMbwjSMS2	
W	Chulmleigh	Wool	https://goo.gl/maps/Wkrv3BxBTDL2	
X	Cheldon	X Marks the Spot	https://goo.gl/maps/ZFR9ozwwStH2	
Y	Frithelstock	Y is in Priory	https://goo.gl/maps/xUxs4VFKfgw	https://www.flickr.com/photos/pixelhut/3448498518/in/album-72157632713365358/
Z	Atherington	Z is for Zider	https://goo.gl/maps/XVuUzQrufCq	

Shame we never needed an “X” or a “Z”.

The NEWSs Code

This was evil. Something relatively simple to sort out but not closely related to the themes.

We found that after the Poster had been issued that teams were really going great guns and solving things very, very quickly. So we decided to make some things a little bit harder. The Prime Number (Red Lion) code is intended to be solved and actually is relatively straightforward as these things go – it is a known type of cipher and the key could be worked through with brute force.

So Roger came up with another one – simply take the cap number of various Test Cricketers. Five different countries were used: England, New Zealand, the West Indies, South Africa and Sri Lanka. The useful websites are:

https://en.wikipedia.org/wiki/List_of_England_Test_cricketers

https://en.wikipedia.org/wiki/List_of_New_Zealand_Test_cricketers

https://en.wikipedia.org/wiki/List_of_West_Indies_Test_cricketers

https://en.wikipedia.org/wiki/List_of_South_Africa_Test_cricketers

https://en.wikipedia.org/wiki/List_of_Sri_Lanka_Test_cricketers

We used the letters E, N, W, S and s to denote these countries. It was intended to make you think that these were directions, but with the small “s” to put some doubt into your mind and think of something else.

The clue that we gave was on page 8 – showing a picture of Graeme Swann (cap number 641); the cap number is visible in the picture. The picture of Swann (we also thought of using Ian Bell) was intended to move you down the lines of Pub names. Many of you took it in other ways though.

The message decodes to:

Each page features a distillery a brewery a pub a lion a beacon an earthwork a carpark and a possible treasure location you are given the distances from each to its follower and the helpfully named constellations will help you navigate eliminate the false trails and follow the right paths

[number, points]

The teams that we were watching struggled with this a lot and so we gave a couple of hints, on the Facebook page and on the Notes page of the Hunt. The first was our congratulations to the Graeme Swann on his win on Celebrity Mastermind. This was simply to draw your attention to that picture and hence to his test cap number. The second was a Happy New Year message with certain of the letters colour coded; the colours represented the one-day strips for each of the teams.

We have subsequently noticed a small mistake in the code – S327 gives Keshav Maharaj; we needed the next player, S328 Tabraiz Shamsi instead. However, Wikipedia had duplicated the numbers: Shamsi also appeared as 327, and our encoding collected this number. We failed to spot this error, which Wikipedia corrected on 12 January: sorry. Roger will go out and ritually flog himself later on.

None of this information was critical, but it did give you the full picture of what you had to do. Many of you worked this out for yourselves from the other information in the quiz.

I hope you enjoyed the code anyway.

The pages of the Quiz

As you have seen, the quiz is made up of 16 pages. Each page represents a book written by Iain Banks. They were originally in date of publication order, but late in the day I decided to swap *Raw Spirit* and *Matter* (Pages 11 and 13) to make it slightly harder for you. In hindsight, this was unnecessary.

Due to a technical limitation on the ATH website, I had to split the quiz itself into two parts – each of which had to be less than 32MB in size. There was no other significance to the split of the hunt into two parts.

Note that where things are part of a series, I will explain them separately later on, so you might not see everything in this first series of explanations.

The Wasp Factory - the Title page of the Hunt

Introductory Text: nothing of great significance in here, but a few snippets that are of use.

Firstly there is a hint that I have hidden more than one treasure box. “I have hidden a small box (or two....)”

“One of them contains a measure of the most perfect water – which may enhance your life..” The original name for Whisky in Scottish Gaelic is *uisge-beatha* which translates literally as “water of life”. **[number, points]**

“If you reach a putative treasure site and the black box or its recording are missing” – this was a throwback to when I thought that I would be advertising Flight MH-370 as the source of the quiz, so this was a reference to the aircraft’s Black Box Flight Recorder. I simply forgot to remove the reference to it in the main quiz. Hopefully it did not confuse people too much.

“It is possible the box / recording may have been disturbed by a whale, a bowl of petunias” – a throwaway reference to *Hitchhikers Guide to the Galaxy*, which has been used as a sub-theme for several years by other setters.

“If you are unable (for whatever reason) to visit a treasure site in person, please contact me to register your find” – I put this in as I knew that Devon might be too far away for people to visit the site and retrieve the treasure there. Also, I knew that there are several teams who consist mainly (totally?) of people not living in the UK. So it gave everybody a chance to register a find. Several people did take me up on this offer.

The transparent picture next to the Rings was taken from my first Hunt in 1991. It is actually taken from the Sherlock Holmes short story *The Priory School* but with some additions drawn in by me showing the actual Treasure location for that year. The final Ring on this page and “treasure” location is as per that Hunt. **[number, points]**

“Remember that the search is half the fun!” This is the last line of the book *Raw Spirit* and my favourite tagline for the quiz.

“Everything in here is true (more or less)” – this is a take-off of the last line of the acknowledgements to *Raw Spirit*. The actual lines are:

“Everything in here is true. Especially the bits I made up”. **[number, points]**

“This Hunt has nothing, repeat NOTHING, to do with golf.” This was a tagline for Chris Andrews – he did not enjoy my last Hunt with the theme of Golf in 2007. It also allowed me to use Golf as another red herring – several of the treasure locations on the rings are golf courses – and hence red herrings (lions).

The Clock face is a reference to *The Wasp Factory* book. In it, Frank Cauldhame, the principal character, creates a mechanism made from a huge clock face, salvaged from the local dump, encased in a glass box. Behind each of the 12 numerals on the clock face is a trap which leads to a different ritual death (for example burning, crushing, or drowning in Frank's urine) for the wasp that Frank puts into it via the hole at the centre of the clock face. Frank believes the death "chosen" by the wasp predicts something about the future. There is a wasp on the face itself to give you an additional push in the right direction. There is no significance to the type of wasp.

Behind each of the 12 numerals on the clock was a piece of music (which did cause some people some technical problems – we will remember this for future Hunts). These are as follows:

Numeral	Artist	Track
1	Kevin Ayers	Didn't Feel Lonely Until...
2	Fairport Convention	Meet on the Ledge
3	The Motels	Total Control
4	The Pogues	Sally Maclennane
5	Thompson	Alec Eiffel
6	Neil Young	Rockin' in the Free World
7	Warren Zevon	Mohammed's Radio
8	k.d. Lang	Season of Hollow Soul
9	Joan Osborne	Righteous Love

- 10 The Zutons
- 11 Whistle
- 12 Wasp

Don't Ever Think (Too Much)
(Nothing Serious) Just Buggin'
Wild Child from The Last Command album

The first 11 pieces of music come from the BBC Radio 6 Music show *Paperback Writers* broadcast on Sunday, 27th of November 2011, at 12pm. Iain Banks took listeners through an hour of music as part of the BBC 6 Paperback Writers programme.

See <http://www.bbc.co.uk/programmes/b017pncn> and also the very informative Iain Banks official website <http://www.iain-banks.net/category/tv-radio/>

The clips themselves were taken from the website. I took out the penultimate one by Bat for Lashes (Pearl's Dream), moved up the Whistle clip to number 11 and added in WASP to give a further clue to the Wasp Factory. Points awarded if you spotted where the music came from, but not for simply identifying the pieces. **[number, points]**

Page 2 – Consider Phlebas

Only two items on here that are not part of other series:

- The picture of James Bond from the *Skyfall* film in the London Underground system. This is nothing to do with James Bond but everything to do with the Underground (and actually an oblique reference to my second ATH in 1993 based on the London Underground). The end scenes of the book are set on a planet called Schar's World where the leading character (Horza) searches for a Mind in the Command System, a complex of subterranean train stations and tunnels. They soon discover that the Mind is being hunted by a pair of Idiran soldiers who have killed all the Changers stationed on the planet, and who regard Horza and his crew as enemies, having no knowledge of the Changers' alliance with the Idirans. He encounters the Idirans in one of the Command System stations, and after a firefight apparently kill one and capture the other. After tracking the Mind to another station, the drone Unaha-Closp discovers it hiding in the reactor car of a Command System train. The second Idiran, who had been mortally wounded but not killed, sets one of the trains for a collision course to the station and there is an almighty crash – similar to that in *Skyfall*. See https://en.wikipedia.org/wiki/Consider_Phlebas. So this is a simple reference to the book itself. **[number, points]**
- A picture of the cover of the Alice Cooper album *No More Mr Nice Guy*. This is a reference to one of the Culture Spaceships in the Consider Phlebas book, called – No More Mr Nice Guy. **[number, points]**

Page 3 – The Player of Games

The Scrabble Board is actually the headstone of Paul Lind from Oregon who was obsessed in his life by Scrabble. So when he was buried his headstone was appropriate. I tweaked it slightly to replace his name with the word “origin” and corrected a couple of mistakes on it for aesthetic

reasons. Nothing was coded in these changes. See <http://www.neatorama.com/neatopicto/2014/11/14/The-Tombstone-of-a-Dedicated-Scrabble-Player/>

The Chess Board used for question 3 had some Marain text above it, which said “Form”.

The Monopoly Board also had some Marain above it, which said “Becoming”. The board itself is taken from Ultimate Monopoly from this site: <http://monopoly-art.deviantart.com/art/Ultimate-Monopoly-Test-Game-426409903> There was no significance to the game itself.

The key here is that there were 3 boards entitled Origin, Form and Becoming. This refers back to the game of Azad in the book *The Player of Games*.

Azad is a game played in the Empire of Azad. Although the actual rules are not given in the book, the game is primarily tactical and played on three-dimensional boards of various shapes and sizes. Typically the boards are large enough for players to walk around inside them to move or interact with their pieces. The number of players differs from game to game and also influences the tactics, as players can choose to cooperate or compete with one another. As well as skill and tactics, random events may influence gameplay (often as card or other games of chance), and sometimes may change the outcome critically.

The game includes a number of minor games, such as card games and elemental die matching, which allow the players to build up their forces for use on the game's three giant boards (in order: the Board of Origin, the Board of Form, and finally the Board of Becoming) and a number of minor boards. So points were only awarded for recognising this significance. **[number, points]**

The picture of the spaceship on a launching ship is also relevant to the book. The owner of the company that develops and manufactures these spaceships (SpaceX) is a fan of Iain Banks and he named the company's two autonomous spaceport drone ships after two GCUs (General Contact Units), spaceships commanded by autonomous artificial intelligences (Minds) that appear in *The Player of Games*, a Culture novel by Iain M. Banks. The first is *Just Read the Instructions* and the second (pictured) is the *Of Course I Still Love You*. Points only awarded for spotting the connection to the book. **[number, points]**

See https://en.wikipedia.org/wiki/Autonomous_spaceport_drone_ship

On 23rd April, 2012, this book was one of 25 used on World Book night. See <http://worldbooknight.org/books/previous> - Touching the Void, The Remains of the Day, The Book Thief and The Time Travellers' Wife are also on that year's list. Cover pictures from Touching the Void, the Book Thief and The Remains of the Day are shown, along with another picture of a silhouetted man. This is a small snippet of the cover of *The Player of Games*, drawn by a wonderful artist, Mark Salwowski. The full cover is shown here: https://www.salwowski.com/Gallery-normal/Salwowski_Banks_PlayerAmend.jpg. So, this is just another hint to the book title. **[number, points]**

Page 4 – Use of Weapons

Three pictures here of interest; the first is a picture of SWORDS AI robots – a type of autonomous weapon used in Afghanistan. See <https://www.singularityweblog.com/dawn-of-the-kill-bots-part-4/>

The second is of a load of crossbows and arrows. No other significance than these are both pictures of Weapons – a hint to the book title.

The third is a picture of a Bone Chair. This is a reference to the Bone Chair in the book that has been made by one brother from the skin and bones of his sister in order to enrage his other brother, Cheradenine Zakalwe, who is the main protagonist in the book. Points awarded only for recognising all three connections to the book. **[number, points]**

Page 5 – The State of the Art

Two pictures on here, one of Bill Paterson and the other of Susan Sheridan, two of the actors in a radio play called "Piece". This was adapted by Craig Warner for BBC Radio 5 and broadcast on 6 June 1991. It was directed by John York. The cast included:

- Munro – Bill Paterson
- Jack - Harry Jones
- Eve/Voice – Susan Sheridan

Susan Sheridan also played Trillian in the Radio series of Hitchhiker's Guide to the Galaxy. Another bit of misdirection. It was just a pointer to the book, so points only if you recognised that. **[number, points]**

Page 6 – Against a Dark Background

The only other thing on this page not in any of the other sequences is the picture of the watch. This is John Harrison's H4 watch – the one that eventually won him the Longitude prize. This is a direct reference to my previous Hunt in 1999 based on Time. No points for this I'm afraid as this was simply a pointer to a Red Lion trail – see later under the section The Red Lion code.

Page 7 – Feersum Endjinn

I put in some text from *Feersum Endjinn*. This is a section of the story related to Bascule the Teller, which is always written phonetically in the first person. I simply translated the phonetic language into English and removed the name of the ant (Ergates). The original text is as follows:

Cake! thi gy sez, & brings ovir a plate cuverd wif smol steemin brown lumps. I snif them.

Miby sumfin in thi savery line mite be moar apopryit, I suest. Thi gy lukes like his crest juss fel.

O! # browns; my fayvrit! Ergates sez. Let me @ them.

Thi gy lukes hapier & ofirs thi playt 2 Ergates, who climes on2 it & lifts a crum bigir than she is & then returns 2 my sholdir.

Yoor Is r bigir than yoor stumik, I tel hir.

Im a ant; my Is r bigir than my stumik.

Smart ass.

The rock on sand picture – this is taken from <http://geology.com/articles/racetrack-playa-sliding-rocks.shtml>. It is a sliding rock on the Racetrack Playa. This is a direct reference to the *Feersum Endjinn* book, in that one of the characters (Chief Scientist Gadfium) is waiting for a message from the Plain of Sliding Stones (see <http://www.ian-banks.net/uk/feersum-endjinn/>). So, a simple reference to the book again. **[number, points]** From the book itself:

The grey-black stones nearest the observatory looked like nothing more than giant pucks from some huge game of ice hockey. Each stone was about two metres in diameter, half a metre high and supposedly made of pure granite. They had been sliding about this plain

for millennia, riding the sporadically slicked surface of the salt-bowl whenever snow had fallen and a wind subsequently blew. Any snow and ice the plain collected was turned to water by a combination of the pipework buried beneath the plain itself and by the reflected sunlight of mirrors shining from the twentieth level of the fast-tower, rearing bright and solid to the north, three kilometres away.

The Plain of Sliding Stones formed the flat roof of a complex of giant rooms on the eighth level of the fastness; these huge, almost empty, barely habitable spaces were arranged in a wheel-like formation, the exposed flank of which formed a great nave of kilometre-tall windows facing from south-south-east to west. It had always been assumed that the redundant systems of both buried pipework and tower-mirrors were there to ensure that no roof-destroying thickness of ice could ever accrue on the plain, though the reason the roof had been left flat in the first place had never been determined. Also unknown was exactly what the stones were there for, or how they contrived to move in ways that were subtly but undeniably at variance with the ways they should have moved according to both highly accurate computer models and carefully calibrated physical re-creations of their environment.

Page 8 – Excession

There are only two things of interest – the picture of the Caledonian Sleeper – a simple reference to the Culture GSV Sleeper Service which is one of the main characters in the book.

Secondly, the Chinese text – see https://en.wikipedia.org/wiki/May_you_live_in_interesting_times. This is the closest Chinese expression to the English phrase “May you live in interesting times”. Again, this is a simple reference to the Interesting Times Gang group of Culture Minds that sets the book in motion to deal with the arrival of the Excession. The Excession of the title is a perfect black-body sphere that appears mysteriously on the edge of Culture space, appearing to be older than the Universe itself and that resists the attempts of the Culture and technologically equivalent societies (notably the Zetetic Elench) to probe it. The Interesting Times Gang (ITG), an informal group of Minds loosely connected with Special Circumstances, try to manage the Culture's response to the Excession. **[number, points]**

Page 9 – Inversions

Again, there are a couple of references to the book title. Two pictures, both of which are in inverted colours. The first is of three Doctor Whos. The second is of a poster advertising the stage show of “The Bodyguard”. Excession is narrated in alternate chapters from the point of view of The Doctor and The Bodyguard. **[number, points]**

The map is slightly different to the other maps in that it is not of places in Devon, but from all over England, Wales, Scotland and Eire. The encoding is different as well (that is described later in the Codes section of this answers document). There is a hotspot link placed over Swansea

which should have given you the clue as to how to decode this. The link takes you to <https://www.newreg.co.uk/dvla-number-plate-identifiers/>. When you look through this site, you realise that the towns referenced on the map are towns with unique two letter identifiers from car registration plates. The letter “I” is not really available, so we used Dublin and put a capital “I” over the city title on the map.

Registration plate

SK, SL, SM, SN, SO

SA, SB, SC, SD, SE, SF, SG, SH, SJ

I

NA, NB, NC, ND, NE, NF, NG, NH, NJ, NK, NL, NM, NN, NO

PU, PV, PW, PX, PY

NP, NR, NS, NT, NU, NV, NW, NX, NY

PA, PB, PC, PD, PE, PF, PG, PH, PJ, PK, PL, PM, PN, PO, PP, PR, PS, PT

YA, YB, YC, YD, YE, YF, YG, YH, YJ, YK

YV, YW, YX, YY

MA, MB, MC, MD, ME, MF, MG, MH, MJ, MK, ML, MM, MN, MO,

MP, MR, MS, MT, MU, MV, MW, MX, MY

DA, DB, DC, DD, DE, DF, DG, DH, DJ, DK

AO, AP, AR, AS, AT, AU

AA, AB, AC, AD, AE, AF, AG, AH, AJ, AK, AL, AM, AN

AV, AW, AX, AY

CP, CR, CS, CT, CU, CV

WM, WN, WO, WP, WR, WS, WT, WU, WV, WW, WX, WY

EA, EB, EC, ED, EE, EF, EG, EH, EJ, EK, EL, EM, EN, EO, EP, ER, ES, ET,

EU, EV, EW, EX, EY

RA, RB, RC, RD, RE, RF, RG, RH, RJ, RK, RL, RM, RN, RO, RP, RR, RS, RT,

RU, RV, RW, RX, RY

HA, HB, HC, HD, HE, HF, HG, HH, HJ

HK, HL, HM, HN, HO, HP, HR, HS, HT, HU, HV, HW

Edinburgh – S

Glasgow – S

Dublin – I

Newcastle – N

Carlisle – P

Stockton – N

Preston – P

Leeds - Y

Beverley – Y

Manchester - M

Chester – D

Norwich – A

Peterborough - A

Ipswich – A

Swansea – C

Bristol – W

Chelmsford - E

Reading – R

Bournemouth – H

Portsmouth – H

If you trace this through (having worked out the starting point – Manchester) it delivers the standard Christmas greeting – “Merry Christmas and a Happy New Year”. I hope that’s what you all had. **[number, points]**

Surprisingly, T is not on the standard list. However, Wikipedia (https://en.wikipedia.org/wiki/Vehicle_registration_plates_of_the_United_Kingdom,_Crown_dependencies_and_overseas_territories) reveals that in Edinburgh in 2007, TN07 replaced the excessively mucosal SN07 — so the message really did say “...CHRISTMAS” rather than “...CHRISMAS...”. Giving solvers the Wikipedia link would have been excessively generous, even at Christmas. We hope that you appreciated the message even if you were lured into the false decode. We awarded marks for the false decode, but more marks for the proper decode. **[number, points]**

Page 10 – Look to Windward

The picture of the concrete trough with a yellow L on it is the Red Lion treasure site for this page. It was also the site of ATH 2000 treasure location.

The series of questions that numbered 1-18 have answers that should be entered into the grid. These sorts of grids are called Think Tanks. The letter pairs (and a couple of triples) are the actual letters of the answers – so that you can cross them off once you have an answer, which then helps you find the right answers.

I gave 1 point for each correct answer. **[number, 1]**

Questions:

1	The US Flag	10	Victim of the Appin Murder
2	Investigator of the train crash at Shipton on Cherwell	11	Sir William Walworth of London was one of these
3	Tweak and Inkling are...?	12	A Nereid whose marriage contributed to the Trojan War
4	Modern, current, fashionable.	13	The first British female rower to defend an Olympic title
5	Man who has flown more types of aircraft than anyone else	14	East Enders actress
6	Symbolising mercy and Steve Hackett was in his shadow	15	In which film did YB reprise the look of CA?
7	King of Amber, grandfather of Merlin	16	First name of one of the four founders of Hogwarts
8	Submarine that sank the last enemy ship by the US Navy in WWII	17	American actress in Deception
9	The fundamental structure, according to Schenker	18	Greek who proposed the 4 elements: earth, air, fire & water

Answers:

1	See https://en.wikipedia.org/wiki/Old_Glory	10	Colin Campbell of Glenure...shot by Alan Breck Stewart (probably) - made famous in <i>Kidnapped</i> by RL Stevenson.
2	William Yolland	11	According to Richard Johnson - the Nine Worthies of London
3	The Octonauts, a children's TV series.	12	Thetis married Peleus and gave birth to Achilles
4	Up to Date - Obvious phrase	13	...along with her partner, Heather Stanning
5	Captain Eric Winkle Brown	14	Edna Dore - EastEnders (who played Frank Butcher's mother)
6	Shadow of the Hierophant, the 5th major card of the Tarot pack	15	Westworld - Yul Brynner looked the same as the character Chris Adams from The Magnificent Seven.
7	Oberon - from the Zelazny Amber series of books	16	Helga Hufflepuff - Harry Potter
8	USS Torsk SS-423	17	Ella Rae Peck - US soap series from 2013
9	Musical (tonic) structure	18	Empedocles

The answer grid is as follows:

o	y	o	u	w	h	o	t	u	r	n	t	h	e	w	h	e	e
l	o	c	p	i	i	b	o	r	e	i	h	e	d	e	e	l	m
d	l	t	t	n	e	e	r	s	d	n	e	l	n	s	l	l	p
g	l	o	o	k	r	r	s	a	f	e	t	e	a	t	g	a	e
l	a	n	d	l	o	o	k	t	o	w	i	n	d	w	a	r	d
o	n	a	a	e	p	n		z	x	o	s	g	o	o		a	o
r	d	u	t	b	h					r		l	r	r		e	c
y		t	e	r	a					t		o	e	l		p	l
		s		o	n					h		v		d		e	e
				w	t					i		e				c	s
				n						e		r				k	
										s							

As you can see, the shaded boxes then spell out the quotation from TS Eliot's *The Waste Land*. Chapter IV, Death By Water

Phlebas the Phoenician, a fortnight dead,
Forgot the cry of gulls, and the deep sea swell
And the profit and loss.

A current under sea
Picked his bones in whispers. As he rose and fell
He passed the stages of his age and youth
Entering the whirlpool.

Gentile or Jew
O you who turn the wheel and look to windward,
Consider Phlebas, who was once handsome and tall as you.

Iain Banks used this for the titles of two of his novels, *Consider Phlebas* and *Look to Windward*. This page is for *Look to Windward*. **[number, points]**.

Page 11 – Matter

The picture at the top is of the cover of the new Peter Gabriel album *The Veil*. He released this in 2016 for the Oliver Stone film *Snowden* about Edward Snowden, the whistle blower. This is a simple reference to the book *Matter* which is set on a Shellworld. Shellworlds were built by a long-dead race called The Veil. Hence I also put in the picture of some shells. **[number, points]**

The crossword was a way of gathering together all of the characters referenced in the anagrams to give a further message. The intention was that the message spelled out by the blue squares is GLENFIDDICH. **[number, points]** This was supposed to give you the starting point of the actual treasure trail, but I don't think many of you picked up on this as this was on the Matter page, whose whisky is Glenfiddich. Ah well. I should have put this crossword on a different page.

- 1 Bridge maybe for a horse and the magician who doesn't speak ironically. (7,3,6)
 BASCULE type of bridge; Pegasus (horse) Bridge of D-day fame is of that type, so 'maybe for a horse'; and THE; TELLER is part of the magician duo Penn and Teller, and Teller himself (ironically given his name) doesn't speak.
- 2 Crime in rapid-reversing python. (6,4)
 Rapid = fast, put crime = sin inside = FASSIN T, reversing python Kaa (from Jungle Book) = AAK
- 3 Energy for ice-hockey player replacing phosphorus with vanadium in pick-me-ups. (6,7)
 Energy J(oule), ice-hockey team Edmonton Oilers so one of their players is an OILER, pick-me-ups = peppers, replace phosphorus (P) with vanadium (V) = VEPPERS
- 4 Farce when A&E swap a number of South African metals for a pill. (11,7)
 Farce = charade, swap A for E = CHERADE, a number = NINE, South African = ZA, metals potassium (K), aluminium (AL), tungsten (W), pill E(cstasy).
- 5 German started in cowshed, ran back to his yard, then continued round Spain. (3,5-6)
 German started = G, in cowshed = byre = BYR GE, ran back = NAR, (German's) yard = HOF, continued = ON, round E(spana).
- 6 Half and more of an island that big Scot in position on carpet gets back to Glasgow initially - pardon? (6,5,6)
 half an island = JERsey, and more of an island = NAUru, MOR = large, great in Scots, in position = AT, carpet = rug, backwards = GUR, Glasgow initially = G, pardon? = EH.
- 7 I take most profit from former newsagent and financial institutions. (4,7,5)
 I = I, most profit = gAIN, former newsagent = MENZIES, financial institutions = BANKS.
- 8 Important: start puzzle network. (5,6)
 Important = MAJOR, start puzzle = QUIz, network = LAN.
- 9 Kiss a god with time in Welsh lake containing some holy scripture. (9,7)
 Kiss = PECK, god = EROS, time = T, put inside PECK; Welsh lake = BALA, containing some holy scripture = VEDa.

- 10 MC has powerless reply on imaginary axis, an awful start but mostly flexible. (4,5,8)
 MC = DJ, reply = answer, remove w(atts, power) to give ANSER, imaginary I (maths), axis Y (maths)
 (imaginary axis is also used in when representing complex numbers, but that's a red herring here), AN, awful
 start = A, mostly flexible = PLIANT.
- 11 Open, not hot and not out in Scotland. (5,9)
 Open = FRANK, not hot = cold = CAULD (Scots), not out = in = home = HAME (Scots).
- 12 Quiet! Peer first at sign showing which way to go. (4,7)
 Quiet = sh, preceded by peer (of the realm) = LADY SH, sign showing which way to go = ARROW.
- 13 Saw evil subordinate (4,8)
 BUZZ (saw) evil = DARK, subordinate = SIDE.
- 14 Shortly, Victoria, your businesses are French. (3,7)
 Abbreviations for V(ictoria) and YR (your), businesses = companies = COS, 'are' in French = SONT.
- 15 Sounds light-headed and confused mates. (6,3)
 sounds light-headed = dizzy = DIZI, anagram of mates = ETSMA
- 16 Top fruit contains energy from snake in concealed American. (4,7,2,8)
 Top = KING, fruit = QUINCE, contains E(nergy), from = OF, concealed = hid, with snake = asp inside = HASPID,
 American = US.

Page 12 – The Algebraist

The barrel problem – this is nice and simple and taken from Amusements in Mathematics by Dudeney (the same source as the chess question on page 3 The Player of Games). Here, modulo 3 the six numbers are 0, 1, 1, 2, 1, 0, which together sum to $5 = 2 \pmod{3}$. As the contents of the barrels sold must be divisible by 3, if one buyer bought twice as much as the other, we must find a barrel with a volume equal to $2 \pmod{3}$ to set on one side. There is only one barrel, the one which contains 20 gallons, that fulfils this condition. So, Chris must have kept the 20 gallon barrel of beer for himself, and sold Alex 33 gallons of wine (the 18 gallon and the 15 gallon barrels) and 66 gallons to Dave (the 16, 19 and 31 gallon barrels). **[number, points]**

The Marain text problem is taken from the Moscow Puzzles book, puzzle 272g. The Marain translates to RING and the numbers it represents are 9376. It's a multiplication arithmetic problem. **[number, points]**

At the bottom of the page is another algebra problem:

Among the rational numbers, find a square which remains a square if it is decreased by 5 or increased by 5.

This is the Fibonacci challenge set by Frederic II to Fibonacci in 1225. The Answer is $1681 / 144$. Subtracting 5 gives $961/144$; adding 5 gives $2401 / 144$. 1225 itself is a square number, of course; the only one in Fibonacci's lifetime. And Fibonacci wrote his book Liber Quadratorum ("The Book of Squares") on Diophantine equations, dedicated to Emperor Frederick II in 1225. **[number, points]**

For Fibonacci and Frederick II, this sequence of pages tells the story.

<http://www.maa.org/press/periodicals/convergence/fibonacci-and-square-numbers-the-court-of-frederick-ii>

<http://www.maa.org/press/periodicals/convergence/fibonacci-and-square-numbers-first-steps>

<http://www.maa.org/press/periodicals/convergence/fibonacci-and-square-numbers-congruous-numbers>

<http://www.maa.org/press/periodicals/convergence/fibonacci-and-square-numbers-the-solution>

And wisely tell ... is a quote from Samuel Butler's *Hudibras*:

In mathematics he was greater
than Tycho Brahe or Erra Pater:
For he, by geometrik scale,
Could take the size of pots of ale;
Resolve, by sines and tangents, straight,
if bread or butter wanted weight;
and wisely tell what hour o' th' day
the clock does strike, by algebra.

All of these were pointers to the book title – *The Algebraist*. **[number, points]**

Page 13 – Raw Spirit

There are pictures of 4 motor vehicles:

- Land Rover Defender 110 County Station Wagon Td5
- BMW M5
- 1965 Jaguar Mk II 3.8 with overdrive
- Honda VFR 800 Motorbike

These were all used by Iain Banks to travel Great Wee Roads as described in the book *Raw Spirit*. **[number, points]**

The map of Texas with a W inside it represents the Texan way of pronouncing that letter – ie Dubya. This is the pejorative term that Iain Banks used throughout the book to put down US President George W Bush – nickname “Dubya”. The invasion of Iraq was happening at the time and Banksy thoroughly disagreed with Bush's policy and the response of Tony Blair's government as well. Indeed, he sent back his passport in protest. **[number, points]**

The picture of the jester is a reference to the ATH 2007 Hunt set by Pablo – the Fool on the Hill. The jester is the exact same image that Pablo had used in that hunt. A Red Lion trail. **[number, points]**

The puzzle saying: place these pictures in their correct places on the grid. You needed to realise a few things:

- That each picture represented a beer from the breweries in the quiz
- That there are 16 of them
- That the square represents a (pandiagonal or ‘diabolic’) Magic Square based on the page number on which the beer appears
- That the beer on page 16 covered the Moon and
- That the beer on page 11 covered the Sun.

So, this gave us a chance to tell you all the breweries, where they sat in the quiz and where the genuine treasure trails were.

The breweries / beers are as follows shown in page order (see Rings):

1. Hook Norton – Cotswold Lion beer
2. Islay Ales – Nerabus Ale
3. Black Sheep Brewery – Holy Grail
4. Coniston Brewery – Bluebird Bitter.
5. Adnams – This is a picture of Southwold Jack- a simulacrum who strikes the bell at St Edmund’s church in Southwold. He is a ‘Clock Jack’ who resides in St. Edmund’s Church in Southwold – a replica also sits on the wall of our brewery. He arrived in Southwold when the church was built. Named ‘Jack the Smiter’, he stands 4 feet 4 inches tall and is constructed of painted wood. His armour is that of a soldier from the Wars of the Roses in the 1400s. His role was to strike the hours on the church bell with his battleaxe. Today he still strikes the bell before special services to inform the congregation to stand up as the clergy and choir walk past. He is the Trademark for picture all Adnams beers. See <http://adnams.co.uk/about/news/beer-news/the-return-of-jack/>
6. Harveys – Forward’s Choice
7. Camerons – Sleeping Brewtea
8. Hogs Back Brewery – Rip Snorter
9. Sharps Brewery – Sea Fury bitter
10. Fullers – Black Cab Stout. Fabulous picture – cabbies HATE Ubr and this picture came from <http://www.dailymail.co.uk/news/article-3549698/H8-UBR-London-black-cab-driver-splashes-private-number-plate-sum-bitter-feelings-Uber.html>
11. Tring Brewery – Side Pocket for a Toad

12. Wye Valley Brewery – The Hopfather
13. Chiltern Brewery – Monument Gold Pale Ale
14. Verulam Brewery, St Albans – Mediocria Firma
15. Black Isle Brewery – Red Kite bitter
16. Otter Brewery, Luppitt – Otter Claus

The Magic Square is as follows:

16	9	4	5
3	6	15	10
13	12	1	8
2	7	14	11

The background picture came from <http://www.pxleyes.com/photography-picture/4f492a0ca56c5/Moon-and-Sun.html> although I reversed the image to get the Sun and Moon in the appropriate places.

Page 16 covered the Moon – indicating that this IS a treasure page, but that it is not the true treasure

Page 11 covered the Sun – and Sol is at the centre of the Solar System according to Daniel (see Marain text decodes later on). So page 11 goes to the real whisky treasure.

Page 14 – Surface Detail

The picture is of the layers of hell, taken from the Science Fiction book *Inferno* by Larry Niven and Jerry Pournelle. It is a modern day retelling of Dante's *Inferno*, but with more modern characters. *Inferno* is based upon the hell described in Dante's *Inferno*. However, it adds a modern twist to the story. The story is told in the first person by Allen Carpentier (né Carpenter), an agnostic science fiction writer who died in a failed attempt to entertain his fans at a Science fiction convention party. He is only released, after many decades, from a Djinn-bottle in the Vestibule

on the outer edge to Hell when he finally calls upon God for mercy. Upon release he is met by Benito, or Benny, a Virgil-like figure whose full identity is not immediately apparent. Benito offers to take him out of Hell by bringing him to the centre.

If you want to find out who Benny actually is, read the novel or take the spoiler from Wikipedia. See [https://en.wikipedia.org/wiki/Inferno_\(Niven_and_Pournelle_novel\)](https://en.wikipedia.org/wiki/Inferno_(Niven_and_Pournelle_novel))

This is simply a reference to the Hells that are the central storyline of the plot of the *Surface Detail* book. Points only awarded for recognising the correct book reference, ie Larry Niven's. **[number, points]**

Page 15 – The Hydrogen Sonata

The picture of the four armed French girl is, again, a reference to the Book. Vyr Cossont is a four armed musician - needing that number of arms to actually PLAY the Hydrogen Sonata. The picture came from www.deviantart.com/art/Musical-Harmony-374639429. **[number, points]**

Page 16 – The Quarry

The picture of the fence post and gorse is from the Beer treasure site – see Where were the actual treasures?

The Questions and Answers

The theme of the questions was simple this year – a way of getting the titles of the rings over to hunters. Because we had put in various codes, some of which were quite hard, I wanted to have a way of getting to the treasure(s) that did not involve solving ALL of the codes. That would be too linear a quiz in that there would be only one way of solving it – I far prefer having several methods, so that more people have a chance!

In these days of everybody having the best tools available for trivia – namely Google, Wikipedia (online encyclopaedia), TinEye (or equivalent) and music recognition software, then the questions had to be validated to see whether they were easy to Google or not. Many questions were reworded so as to make them a little harder to find – or perhaps add a level of misdirection.

Again, questions had to be graded as easy, hard or damn near impossible – to cater for all levels of hunter. Some of them were impossible to Google, and deliberately so. Finally questions should be inherently interesting, although some not-so-interesting questions were put in at the last minute. Sorry.

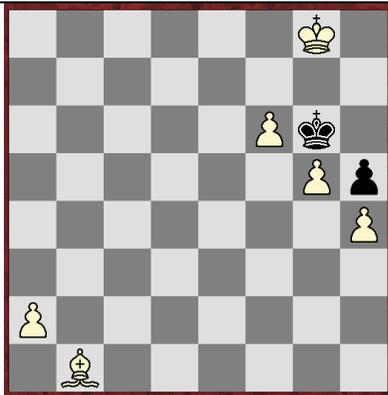
The questions were tested against an intelligent Googler. About a third of them, which was the desired proportion, fell more or less instantly. The rest were harder, in the traditional manner. We eschewed Sean Bean. About time too.

Finally, some questions were relatively easy, but related to one (or more) of the themes, so I only gave points where the relevance of the question was explicitly stated.

P2	Q1	W	Who owns HOW 782D (formerly 7990 TD)? Arthur Weasley owns the enchanted Ford Anglia in Harry Potter and the Chamber of Secrets. See the illustrated book by Jim Kay in October 2016. https://www.amazon.com/Harry-Potter-Chamber-Secrets-Illustrated/dp/0545791324 or http://harrypotter.wikia.com/wiki/Flying_Ford_Anglia [number, points].
	Q2	H	Who spoke on behalf of the Liberal candidate in Brattleburn, although the Tories were sure to get in? Richard Hannay (Twisdon) in the novel / film The Thirty Nine Steps.

			http://www.cleavebooks.co.uk/grol/buchan/39step04.htm [number, points].
	Q3	I	<p>Small child who took over from Joseph and tried to clean out the stables.</p> <p>A crossword-type question set by Roger. Gianni Infantino took over from Sepp Blatter as president of FIFA, but failed to sort out the corruption, even though he pledged to do so.</p> <p>https://en.wikipedia.org/wiki/Gianni_Infantino</p> [number, points].
	Q4	S	<p>Who exhumed his own leg and re-buried it before it was dug up again 2 years later?</p> <p>General Santa Anna of Mexico.</p> <p>www.history.com/news/history-lists/6-things-you-may-not-know-about-santa-anna</p> [number, points].
	Q5	K	<p>Where were these 3 cows stranded?</p>  <p>A topical news question and I was looking for an answer beginning with K. In a field near Kaikoura after the New Zealand earthquake. They were rescued successfully.</p> <p>http://www.stuff.co.nz/business/farming/86512978/farmer-promises-rescued-quake-island-cows-wont-be-slaughtered</p>

			[number, points].
	Q6	Y	<p>Victoria wrote her only novel in a flat in Primrose Hill previously occupied by whom?</p> <p>WB Yeats lived at 23, Fitzroy Road, Primrose Hill. There is a blue plaque there to him; but Sylvia Plath's plaque is in nearby Chalcot Square, where she and Ted Hughes, her husband, once lived. Once she separated from Ted, she moved back to the Primrose Hill area and into this flat. There she wrote the novel, "The Bell Jar" under the pseudonym Victoria Lucas.</p> <p>https://en.wikipedia.org/wiki/Sylvia_Plath</p> <p>[number, points].</p>
P3	Q1	T	<p>Which Mansfield Town player scored over 8800 in 1984?</p> <p>One of Roger's questions – he wanted to omit the word “Town” from the question. Perhaps he was right.</p> <p>Daley Thompson once he retired from the Decathlon was a footballer, playing for Mansfield Town. He famously scored 8,847 points in the Olympics of 1984 on his way to the Gold medal. A world record which stood until 1992.</p> <p>https://en.wikipedia.org/wiki/Daley_Thompson</p> <p>[number, points].</p>
	Q2	H	<p>Why is the northern frontage of Liberty's store 185 ft 8 in long?</p> <p>HMS Hindustan was a retired battleship being sold for scrap. The owner of Liberty decided to buy that ship and also HMS Howe (aka HMS Impregnable) so that he could use their timbers to restore the store buildings in 1924. HMS Hindustan was exactly that length.</p> <p>https://en.wikipedia.org/wiki/Liberty_(department_store)#1920s</p> <p>[number, points].</p>
	Q3	E	<p>The Chess Problem. White has checkmated Black, but from what square did the last White piece move?</p>



This was taken from an old book called Amusements in Mathematics by HE Dudeney dated 1917.

The answer is **e5**. If you remove the White pawn on f6 to e4 and place a Black pawn on f7, that is the starting position. Now, White plays P to e5, check. Black must play P to f5. White plays PxP *en passant* checkmate. This was therefore White's last move and leaves the position given. It is the only possible solution.

[number, points].

Q4

N

Which capital city saw its annual consumption of whisky rise from about 43/8 tuns to over 1787 tuns in 1922?

We altered the wording on this question lots of times to make it a bit harder. The original wording was "Which city saw its annual consumption of whisky rise from 944 gallons to over 386,000 gallons in 1922?" That was very easy to Google and the use of more archaic measures was more in keeping with the rest of the quiz.

The answer is **Nassau**, in the Bahamas. This was done to slake the USA's thirst for whisky during prohibition. The question was taken from a book called London's Strangest Tales.

<http://www.scotsman.com/news/capone-helped-whisky-barons-beat-prohibition-1-536957>

[number, points].

P4

Q1

B

What town is the counterpart of nowpdjvxymqrz?

		<p>Another anagram question and one related to Devon as well. Take the other 13 letters of the Alphabet as an anagram of the town of Buckfastleigh in Devon.</p> <p>[number, points].</p>
Q2	E	<p>Where would a Turtle uncover Diana?</p> <p>John Turtle Wood discovered the remains of the Temple of Artemis (Diana) at Ephesus; one of the seven wonders of the ancient world. I put in a deliberate mis-spelling in the question.</p> <p>https://en.wikipedia.org/wiki/John_Turtle_Wood</p> <p>[number, points].</p>
Q3	E	<p>Which blues legend was felt by Bob Dylan in combination with Vera Jayne Palmer and Bogie?</p> <p>Sleepy John Estes. Vera Jayne Palmer was Jayne Mansfield's original name and Bogie is of course Humphrey Bogart. This is taken from the sleeve notes of Dylan's Bringing it all back Home album, 1965.</p> <p><i>I'm standing there watching the parade / feeling combination of sleepy john estes. jayne mansfield. humphrey bogart / mortimer snurd. murph the snurf and so forth / erotic hitchhiker wearing japanese blanket. gets my attention by asking didn't he see me at this hootenanny down in puerto vallarta, mexico</i></p> <p>http://www.soundstation.dk/images/products/large/03/132703--b.jpg</p> <p>[number, points].</p>
Q4	R	<p>In May, who is chased by the Grenadiers through the town where Bulmer dug a mine?</p> <p>Another quaint and archaic tradition from Devon. This refers to the Hunting of the Earl of Rone in Combe Martin, North Devon. There is also a reference to Sir Bevis Bulmer who dug the silver mine in Elizabethan times that made Combe Martin famous.</p> <p>http://www.earl-of-rone.org.uk/ and</p> <p>https://en.wikipedia.org/wiki/Bevis_Bulmer</p>

			[number, points].
P5	Q1	T	<p>Where is the former lamppost (now used as a broom cupboard), that could house two prisoners (at most)?</p> <p>This is the little police station in Trafalgar Square.</p> <p>http://www.historic-uk.com/HistoryMagazine/DestinationsUK/Britains-Smallest-Police-Station/</p> <p>[number, points].</p>
	Q2	H	<p>Who stands in a quiet corner next to the bar in the Café Iruña?</p> <p>There is a Bronze statue of Ernest Hemingway in Pamplona. He made the bull run famous in his 1926 novel <i>The Sun Also Rises</i>.</p> <p>http://www.thelocal.es/20160721/hemingways-favourite-spanish-haunts</p> <p>http://www.cafeiruna.com/galeria/</p> <p>[number, points].</p>
	Q3	E	<p>Who was the mother of the Blatant Beast?</p> <p>Echidna, according to Spencer in <i>The Faerie Queen</i>.</p> <p>One website says "Error" and a few people said this. Another says that the answer is “Envie” and Detraction. I am not convinced, since Spenser merely says:</p> <p><i>Besides vnto themselues they gotten had</i></p> <p><i>A monster, which the Blatant beast men call,</i></p> <p>So they had simply enlisted the help of the Blatant Beast.</p> <p>Those answers fitted the acrostic, so I allowed them.</p> <p>My reference site was http://www.mythologydictionary.com/echidna-mythology.html which does leave a little bit of doubt.</p>

I refer to Book VI, Canto VI.

*For that beastes teeth, which wounded you tofore,
Are so exceeding venemous and keene,
Made all of rusty yron, ranckling sore,
That where they bite, it booteth not to weene
With salue, or antidote, or other mene
It euer to amend: ne maruaile ought;
For that same beast was bred of hellish strene,
And long in darksome Stygian den vpbrought,
Begot of foule Echidna, as in bookes is taught.
Echidna is a Monster direfull dred,
Whom Gods doe hate, and heauens abhor to see;
So hideous is her shape, so huge her hed,
That euen the hellish fiends affrighted bee
At sight thereof, and from her presence flee:
Yet did her face and former parts professe
A faire young Mayden, full of comely glee;
But all her hinder parts did plaine expresse
A monstrous Dragon, full of fearefull vglinesse.
To her the Gods, for her so dreadfull face,
In fearefull darkenesse, furthest from the skie,
And from the earth, appointed haue her place,
Mongst rocks and caues, where she enrold doth lie
In hideous horrou and obscurity,
Wasting the strength of her immortall age.
There did Typhaon with her company;
Cruell Typhaon, whose tempestuous rage
Make th'heauens tremble oft, & him with vowes asswage.
Of that commixtion they did then beget*

			<p><i>This hellish Dog, that hight the Blatant Beast;</i></p> <p>So Echidna and Typhaon were the Beast's parents. I may award marks for these alternatives, however, I'll think about it. [number, points].</p>
	Q4	N	<p>What is this ship an example of?</p>  <p>This is an example of a table decoration called a Nef. This particular example is to be found in Inveraray Castle dining room and its picture is not on the web. It is an elaborate silver gilt ship used as a table decoration. I scanned it from the castle guidebook page 20. [number, points].</p>
P6	Q1	P	<p>Which European country had its capital outside its national borders for almost 15 years?</p> <p>Portugal - during the Napoleonic Wars, from 1807 to 1821 transferred its court to Rio de Janeiro as they were worried that Napoleon would invade Portugal.</p>

			<p>https://en.wikipedia.org/wiki/Transfer_of_the_Portuguese_Court_to_Brazil</p> <p>[number, points].</p>
	Q2	U	<p>Who is speaking?</p> <p>An audio question. The sound clip to be found as a hotspot over this question was of Professor Stanley Unwin, speaking on the album Ogden's Nut Gone Flake by The Small Faces.</p> <p>http://www.bing.com/videos/search?q=ogdens+nut+gone+flake&view=detail&mid=AD588295F2B22E21AE3BAD588295F2B22E21AE3B&FORM=VIRE and listen from 22:00 minutes in.</p> <p>Are you all sitting comfytbold two square on your botty?</p> <p>Note that the Professor was NOT the father of Rayner Unwin, who first reviewed <i>The Hobbit</i> by JRR Tolkien for his father Sir Stanley Unwin, Founder of the George Allen and Unwin publishing house that eventually published <i>The Lord of the Rings</i>. So those who tried to claim it as a link to Tolkien have been thwarted, I'm afraid.</p> <p>[number, points].</p>
	Q3	B	<p>Who did not get permission to place a statue in Kensington Gardens, but erected it anyway?</p> <p>JM Barrie put up the statue of Peter Pan in 1912. Barrie was famous and very rich following the success of Peter Pan and he wanted to put a statue of Peter Pan in the park where he first played with the Llewellyn Davies boys, but this proved difficult and complex. Statues in royal parks are permitted only with agreement by Royal Commission. After making enquiries he received an extremely odd reply. He was told that he would not receive permission, but at the same time there would be no objection. So he went ahead.</p> <p>He unveiled it on his won at midnight so that children seeing it the next day would assume that it had appeared there by magic.</p> <p>http://historiayculturab2010.blogspot.co.uk/2010/04/peter-pan-statue-in-kensington-gardens.html</p> <p>[number, points].</p>
P7	Q1	T	<p>Where is the Forge, for which an annual rent is paid in horseshoes and nails?</p>

		<p>The Queen's Remembrancer is an ancient judicial post in the legal system of England and Wales. Since the Lord Chancellor no longer sits as a judge, the Remembrancer is the oldest judicial position in continual existence. The post was created in 1154 by King Henry II as the chief official in the Exchequer Court, whose purpose was 'to put the Lord Treasurer and the Barons of Court in remembrance of such things as were to be called upon and dealt with for the benefit of the Crown', a primary duty being to keep records of the taxes, paid and unpaid.</p> <p>The Exchequer Court is reconstituted every year for the three ancient ceremonies of the "Rendering of the Quit Rents to the Crown" by the City of London at the Royal Courts of Justice.</p> <p>The oldest dates from 1211, where the City pays service for two pieces of land, The Moors near Bridgnorth in Shropshire, for which the City must pay two knives, one blunt and one sharp.</p> <p>The second oldest has been made, entered in the Great Roll of the Exchequer, since 1235, for 'The Forge' (forge) in Tweezer's Alley, just south of St Clement's Dane, near the Strand in London, for which the City must pay six horseshoes and 61 horseshoe nails - over 550 years old, since after being rendered to the Queen's Remembrancer they are preserved in his Office, and with the permission of the Crown they are loaned to the Corporation of London to be rendered again the following year.</p> <p>https://en.wikipedia.org/wiki/Queen%27s_Remembrancer</p> <p>[number, points].</p>
Q2	H	<p>Who was saved at Armentieres in 1915 by his bible?</p> <p>It turned out that actually quite a few troops were saved in this fashion – I suppose that so many were shot at that such things are almost certain to happen. Nevertheless, it was miraculous for Private William Hacket.</p> <p>http://flashbak.com/world-war-one-the-bible-that-saved-pte-hacket-in-1915-6704/</p> <p>[number, points].</p>
Q3	E	<p>If Gates = 4, Ramanujan = 3, Hardy = 2 and Rousseau = 1, who is zero?</p> <p>A mathematician's question. Paul Erdős is the answer. The Erdős number describes the "collaborative distance" between mathematician Paul Erdős and another person, as measured by authorship of mathematical papers.</p>

			<p>Paul Erdős (1913–1996) was an influential mathematician who spent a large portion of his later life writing papers with a large number of colleagues, working on solutions to outstanding mathematical problems. He published more papers during his lifetime (at least 1,525) than any other mathematician in history. Erdős spent a large portion of his later life living out of a suitcase, visiting his over 500 collaborators around the world.</p> <p>The idea of the Erdős number was originally created by the mathematician's friends as a tribute to his enormous output. In later years it gained prominence as a tool to study how mathematicians cooperate to find answers to unsolved problems.</p> <p>Gates is Bill Gates (founder of Microsoft), Srinivas Ramanujam (famous Indian mathematician), GH Hardy (another mathematician who worked closely with Ramanujam) and Cecil C Rousseau (mathematician).</p> <p>https://www.oakland.edu/enp/compute/ and https://en.wikipedia.org/wiki/Erd%C5%91s_number [number, points].</p>
	Q4	N	<p>Which clouds can only be seen when the sun has set?</p> <p>Noctilucent clouds. They are in the mesosphere, above 200,000 feet.</p> <p>http://www.metoffice.gov.uk/learning/learn-about-the-weather/clouds/noctilucent and http://webdysseum.com/technologyscience/the-highest-clouds-in-the-earths-atmosphere/ [number, points].</p>
P8	Q1	L	<p>In 2017, if it begins in Salem at 10:17:20 and in Casper at 11:42:39, where does it begin at 13:02:36?</p> <p>Lincoln, Nebraska. A total eclipse of the Sun moves across the USA on 21st August 2017, according to Whitaker's Almanac 2017, page 1104.</p> <p>[number, points]</p>
	Q2	I	<p>What is ?! or !? called?</p>

		<p>Quite simply, an Interrobang.</p> <p>https://en.wikipedia.org/wiki/Interrobang</p> <p>[number, points].</p>
Q3	O	<p>What is the connection between the Royal Military College, Canada, the Filth and a small shell 'ole at Ypres?</p> <p>Old Bill is a fictional character created in 1914–15 by cartoonist Bruce Bairnsfather. Old Bill was depicted as an elderly, pipe-smoking British "tommy" with a walrus moustache. The character achieved a great deal of popularity during World War I where it was considered a major morale booster for the British troops. Old Bill and his younger troopmate little Alpie were private infantrymen in the British Expeditionary Force.</p>  <p>Bill & Alpie's, the Royal Military College of Canada on-campus cadet pub in Kingston, Ontario is named after Bruce Bairnsfather's Great War cartoon characters. Yeo Hall at the Royal Military College of Canada features sculptures of Bill and Alpie.</p> <p>One of the explanations of the origin of the London slang term Old Bill, meaning the police (aka the Filth), is that constables often used to sport "Old Bill" moustaches</p> <p>https://www.rmcc-cmrc.ca/en/college-commandants-office/bill-alfie-unusual-war-memorial-royal-military-college-</p>

			canada-rmc https://en.wikipedia.org/wiki/Old_Bill_(comics) [number, points].
	Q4	N	<p>All these words have something in common, except one, which has a similar, but quite different feature.</p> <p>Appears, alarm, necromancer, eclipse, realise, purists, urchin, venose, Chinese, richest.</p> <p>A fairly simple answer – necromancer. All of the words contain a body part at the end of the word, except for necromancer, which has it at the beginning of the word.</p> [number, points].
P9	Q1	T	<p>B C C B B O O - what comes next and why (44 and 45)?</p> <p>Most people got this one, as it is fairly straightforward, but I only awarded marks for those who explained why it is both 44 and 45. Donald Trump will soon (20th January 2017) be sworn in as the 45th President of the United States of America, but he is the 44th person to hold that office.</p> <p>Grover Cleveland held the office twice (as have many others), but his two terms were separated by that of Benjamin Harrison (1889 – 1893). So he counts as both the 22nd and 24th President.</p> <p>https://en.wikipedia.org/wiki/President_of_the_United_States</p> [number, points].
	Q2	H	<p>What precedes M R T M M M M, and why?</p> <p>A slightly harder question – these are the first letters of the cities that held the Summer Olympic Games from 1956 onwards (Melbourne, Rome, Tokyo, Mexico City, Munich, Montreal and Moscow are the cities). Helsinki held the games in 1952.</p> <p>https://en.wikipedia.org/wiki/List_of_Olympic_Games_host_cities</p> [number, points].

	Q3	E	<p>What's the blacked-out letter in this shop sign?</p> <div style="border: 1px solid black; padding: 5px; display: inline-block; margin: 10px 0;"> C L O O P S E N D </div> <p>A little bit of lateral thinking gives the answer fairly quickly. In a shop window, they often have (or used to have) a little slotted frame that could be moved to show whether the shop is OPEN or CLOSED – so the answer is “E”.</p> <p>[number, points].</p>
	Q4	N	<p>E O E R E X - what comes next?</p> <p>Again, quite straightforward – the last letters in English of the first seven integral numbers – one, two, etc. So the answer is “N”.</p> <p>[number, points].</p>
P10	Q1	B	<p>Where is the bridge over troubled waters?</p> <p>The answer that I was looking for is Bickleigh, Devon. Apparently, Paul Simon was inspired to write the song by observing the bridge over the River Exe from his hotel room in The Fisherman’s Cot Inn. The inn overlooks the medieval 16th-century Bickleigh Bridge which was said since the 1960s to have been the inspiration for the song Bridge Over Troubled Water. Paul Simon stayed at The Fisherman's Cot in the 1960s whilst performing nearby in Exeter. During his stay at the inn in Room Six, the river had flooded its banks and when he later wrote the famous song it was widely believed to have been the inspiration for the song with the bridge. The rumour was quashed in 2003 when Art Garfunkel claimed that Paul Simon had been inspired to write the song from a hymn book.</p> <p>So I had to allow other answers, unfortunately.</p> <p>[number, points] and [number, points]</p>
	Q2	E	<p>Who is one before Daniel and three before Joel?</p> <p>These are books of the Old Testament of the Bible. The book in question is Ezekiel.</p> <p>https://en.wiktionary.org/wiki/Template:list:books_of_the_Protestant_Old_Testament/en</p>

		<p>https://en.wikipedia.org/wiki/Old_Testament#Table</p> <p>[number, points].</p>
Q3	A	<p>The amazing grave of J Constable (copied in glass and on the floor of the church) is in which village?</p> <p>Alkborough, North Lincs. The headstone has a copy of Julians Bower maze on it (a turf maze neaby). It is also copied into the floor of the church porch and a stained glass window in the church. J Goulton-Constable was a local squire and historian who did not want the maze to be lost if it became overgrown.</p> <p>I employed a slight bit of misdirection in the name, but most of you got the answer.</p> <p>https://en.wikipedia.org/wiki/Alkborough#Julian.27s_Bower</p> <p>http://www.stone-circles.org.uk/stone/juliansbower.htm</p> <p>[number, points].</p>
Q4	C	<p>Which family provided all the timber ever used in Westminster Hall's roof?</p> <p>The answer I was looking for is the Courthope family of Whiligh, Wadhurst, East Sussex.</p> <p>Westminster Hall is celebrated for many things not least because it is still there at all. It is the largest survivor of the original Palace of Westminster of which hardly anything remains - at least above ground - apart from the Jewel Tower. Although it has been modified since it was built in the late 1090s by King William II, known as "Rufus", its architectural grandeur remains intact and nowhere more so than in its hammer-beam roof.</p> <p>It was started in 1393 and remains the largest hammer-beam roof in the world, having survived two world wars and the 1834 fire which destroyed nearly all of the rest of the parliamentary buildings. It is difficult to believe that William is said to have wanted it to be twice the size. Is it possible that his nickname "Rufus", supposedly because of his ruddy face, could actually have been a phonetic mistake for "Roofus"?</p> <p>His roof certainly had longevity on its side and it remains an astonishingly clear space, the hammer-beams having removed the need for interrupting pillars.</p> <p>Those beams have been witness to many key events in British history including the trials and death sentences passed, among others, on Sir Thomas More, Protector Somerset, Sir Thomas Wyatt and the Gun Powder Plot conspirators. But</p>

		<p>the most nostalgic was surely when Parliament decided in 1904 that some of the beams needed to be replaced. But where to get oak of a suitable quality? Some thought the original wood came from Ireland. Australia offered to supply replacement timber. But then it transpired that a recently elected MP Mr – later Sir – George Courthope had a tale to tell.</p> <p>Apparently, the original oak timbers 600 years ago had been taken from his family estate at Wadhurst in Sussex. A grateful House took advantage of this opportunity so the replacement timbers were sourced from the same place as the original ones. But the story doesn't end there. In 1938 Sir George Courthope, speaking to the House of Commons about the Forestry Commission, observed: "It may interest Honourable members to know that a number of the oak trees which I felled for the restoration of Westminster Hall had over 600 annual rings, that is, they were over 600 years old, and as it is safe to assume that the great beams which they were replacing in Westminster Hall must have been at least of a similar age". In other words the oak trees which were agreed to replace the timbers in Westminster Hall in 1904 were actually growing 600 years ago when others around them were cut down for the original hall. Where else but in England could this have happened?</p> <p>http://archive.spectator.co.uk/article/16th-february-1934/16/famous-oaks---some-years-ago-i-called-attention-to http://www.thethorneyislandsociety.org.uk/index.php/thorney-ales/42-thorney-ales-5-westminster-hall-roof [number, points].</p>
Q5	O	<p>What connects William the Conqueror, Abbot, Meavy, Major, Royal, Honour and Watch?</p> <p>These are all famous Oak trees.</p> <p>William the Conqueror's Oak was in Windsor Great Park – it unfortunately died a year ago, but there may be other oaks of similar age in the Park. See http://www.ancient-tree-hunt.org.uk/morestuff/funstuff/a2asoutheast</p> <p>The Abbot Oak is a tree near Woburn Abbey from whose branches the Abbott was hanged in 1537 when Henry VIII dissolved the monasteries. See http://exacteditions.theecologist.org/read/resurgence/resurgence-133-mar-apr-1989-45511/22/3/</p> <p>The Meavy Oak is a famous oak in Meavy, South Dartmoor. See http://www.legendarydartmoor.co.uk/meavy_royal_oak.htm</p> <p>The Major Oak in Sherwood Forest is where Robin Hood was said to have lived.</p>

		<p>The Royal Oak is the English oak tree within which the future King Charles II of England hid to escape the Roundheads following the Battle of Worcester in 1651. The tree was in Boscobel Wood, which was part of the park of Boscobel House. Charles told Samuel Pepys in 1680 that while he was hiding in the tree, a Parliamentarian soldier passed directly below it. See https://en.wikipedia.org/wiki/Royal_Oak</p> <p>The Honour Oak can be classed as one of Dartmoor’s historic oaks as it certainly holds a place in history that dates back nearly 200 years. To discover this we must go back to the times of the Napoleonic Wars and find the French prisoners that were brought back to England, more precisely the French Officers. It was these men that the mighty oak held a great significance insomuch as if they ever went beyond its spreading boughs their lives would not quite be the same. During the 18th century a system evolved whereby French (and later American) prisoners of war that were of a certain rank were allowed to live in what were designated as ‘Parole Towns’ (eg Tavistock). If they went more than 1 mile away from Tavistock they had broken their parole and were punished accordingly.</p> <p>See http://www.legendarydartmoor.co.uk/honour_oak.htm</p> <p>The Watch Oak – more than one of these, for example, in Aldborough, Norfolk: A well-known local landmark is the 'Watch Oak' on Hall Lane, supposedly used by smugglers as a look-out point from which they could watch for signals from Cromer that the contraband had been brought to shore.</p> <p>[number, points].</p>
Q6	N	<p>What sort of verse is Psalm 51?</p> <p>This is called a Neck verse. The reason is that clergyman used to be able to claim immunity from hanging because they were clergy. This was termed benefit of clergy.</p> <p>At first, in order to plead the benefit of clergy, one had to appear before the court tonsured and otherwise wearing ecclesiastical dress. Over time, this proof of clergy-hood was replaced by a literacy test: defendants demonstrated their clerical status by reading from the Bible. This opened the door to literate lay defendants also claiming the benefit of clergy. In 1351, under Edward III, this loophole was formalised in statute, and the benefit of clergy was officially extended to all who could read. For example, the English dramatist Ben Jonson avoided hanging by pleading benefit of clergy in 1598 when charged with manslaughter.</p> <p>Unofficially, the loophole was even larger, because the Biblical passage traditionally used for the literacy test was</p>

			<p>inevitably and appropriately Psalm 51 (Psalm 50 according to the Vulgate and Septuagint numbering), Miserere mei, Deus, secundum misericordiam tuam ("O God, have mercy upon me, according to thine heartfelt mercifulness"). Thus, an illiterate person who had memorized the appropriate Psalm could also claim the benefit of clergy, and Psalm 51 became known as the "neck verse" because knowing it could save one's neck by transferring one's case from a secular court, where hanging was a likely sentence, to an ecclesiastical court, where both the methods of trial and the sentences given were more lenient.</p> <p>https://en.wikipedia.org/wiki/Psalm_51 https://en.wikipedia.org/wiki/Benefit_of_clergy</p> <p>[number, points].</p>
P11	Q1	T	<p>If Dowgate Hill was sixth at Christmas 2007 and seventh at Christmas 2008, what is sixth at Christmas 2016?</p> <p>This established the principle of sixes and sevens. The Merchant Taylors are at 30, Threadneedle Street, while the Skinners are at 8, Dowgate Hill. They alternate in precedence in the City Guilds' list. In 1484 Lord Mayor Billesden awarded Merchant Taylors and Skinners priority in precedence in alternate years (changing over at Easter): This is known as the principle of "sixes and sevens".</p> <p>https://en.wikipedia.org/wiki/Worshipful_Company_of_Skinners#History</p> <p>[number, points].</p>
	Q2	H	<p>Who put up the certificate of baptism of Denmark?</p> <p>King Harald I Bluetooth in Jelling. Perhaps I should have made this a Sean Bean question?</p> <p>http://www.fortidensjelling.dk/jellinge56.htm</p> <p>[number, points].</p>
	Q3	E	<p>Which city has a resting-place for a legendary king and a Scottish novel?</p> <p>Edinburgh. The city has Arthur's Seat as one of its rocky outcrops and also Waverley station as its main railway terminus. Waverley is a novel by Sir Walter Scott, of course; he happens to be Scottish, but that wasn't the point.</p>

			https://en.wikipedia.org/wiki/Waverley_(novel) [number, points].
	Q4	N	<p>Where is the original second floor restaurant of the Eiffel Tower?</p> <p>New Orleans - it was dismantled in 1981 and rebuilt there in 1986. It is now called the Eiffel Society. This overlooks the street-car line on beautiful St. Charles Avenue in the Lower Garden District of New Orleans. The iconic steel structure with panoramic glass walls is a historic building that was constructed from 11,062 pieces of a restaurant that originally perched atop of the Eiffel Tower in Paris. It was literally taken down like legos, placed on a boat, shipped to New Orleans in the 1980's and reassembled 14 feet in the air as an indirect result of the New Orleans World Fair. From the Machine Age to the modern world, this iconic locale has recently been transformed and curated by an array of developers and international artists, breathing life into its structure.</p> <p>http://eiffelsociety.com/about/</p> [number, points].
P12	Q1	D	<p>What is the next (final) letter in this series: E O R X N T Y?</p> <p>The answer is “D”. These are the last letters of the numbers counting upwards from one. But this is the first occurrence of that letter and no other letters are used in that position thereafter. Hence it is the final letter in the series.</p> <p>The actual numbers represented are: one, two, four, six, seven, eight, twenty and one hundred.</p> [number, points].
	Q2	Y	<p>After dropping in to Henry's Swing Club on Hastings Street, what did he say?</p> <p>John Lee Hooker said "Yes, people!". These are lyrics from Boogie Chillen' his first single in 1949.</p> <p>http://www.songfacts.com/detail.php?id=1430</p> <p>https://en.wikipedia.org/wiki/Boogie_Chillen%27</p> [number, points].

Q3	K	<p>What is the name for a groove made in a piece of wood by a saw?</p> <p>A not particularly interesting question, but it had a K in it. The answer is a Kerf.</p> <p>https://www.wordnik.com/words/kerf</p> <p>[number, points].</p>
Q4	E	<p>Which faithful German appears on the evening of Maundy Thursday to warn people of the ghostly riders and two-legged horses that roam the streets on that night?</p> <p>Eckhardt, according to German legend as listed in Brewer's Dictionary of Phrase and Fable.</p> <p>http://www.infoplease.com/dictionary/brewers/eckhardt.html</p> <p>[number, points].</p>
Q5	Q	<p>If Cleopatra had 26,000 and Waterloo had 29,000, what had 32,000?</p> <p>These are the number of costumes used in those particular films. The 1951 film Quo Vadis had 32,000.</p> <p>[number, points].</p>
Q6	U	<p>Where does Chas produce six firkins, overlooked by Ms Peglers outstanding feature?</p> <p>A Roger special, this one.</p> <p>The answer is Uley Brewery. The village of Uley in Gloucestershire has the long barrow Hetty Pegler's Tump at the top of the Cotswold Scarp above the village. Chas is the head brewer there and Hogshead is their regular session beer. We allowed 'Uley'.</p> <p>6 firkins = 1 hogshead.</p> <p>http://www.uleybrewery.com/ales.htm</p> <p>[number, points]..</p>
Q7	A	<p>What connects The Screwtape Letters, a mild washing up liquid, a sugar cube and Toulouse-Lautrec?</p>

		<p>Not to be outdone, this is a Steve special. The answer is Absinthe.</p> <p>The Screwtape Letters is a Christian apologetic novel by C. S. Lewis. It is written in a satirical, epistolary style and while it is fictional in format, the plot and characters are used to address Christian theological issues, primarily those to do with temptation and resistance to it. First published in February 1942, the story takes the form of a series of letters from a senior Demon Screwtape to his nephew Wormwood, a Junior Tempter. The uncle's mentorship pertains to the nephew's responsibility in securing the damnation of a British man known only as "the Patient".</p> <p>The mild washing up liquid? Mild green Fairy liquid – Absinthe is known as “The Green Fairy”.</p> <p>To drink it traditionally, you use an Absinthe spoon. You pour the absinthe into a glass, put a special slotted spoon over the glass and put a sugar cube on it. Then you pour cold water slowly over the cube so that it dissolves and runs into the alcohol.</p> <p>Toulouse-Lautrec was famous for getting absolutely blotto on Absinthe. Whisky and Beer, have no fear, Absinthe and.....</p> <p>[number, points].</p>
Q8	R	<p>If Montreal is 19, Falls Church is 15, Hong Kong is 8 and Armonk is 1, what is 3?</p> <p>The traditional Logica (well, it’s CGI now) question. The list is of the 2016 Fintech Forward Top 25 Enterprise Companies - CGI is at 19. These are the head office locations for the companies at those positions on the list. The answer is Round Rock, Texas, home of Dell.</p> <p>http://www.erienewsnow.com/story/33321046/american-banker-and-bai-announce-the-2016-global-fintech-forward-rankings</p> <p>[number, points].</p>
Q9	R	<p>What is next in this sequence - Swan, White Horse, White Hart, Royal Oak, Crown?</p> <p>Red Lion – these are UK pub names in increasing order of number of pubs with that name. There are various lists, but I used the one from http://www.innsignsociety.com/Default.aspx. With pubs closing daily, the list is ever changing but it was not difficult to find this answer.</p>

			[number, points].
	10	Y	<p>Who completed the Gate of Justice in The Red One?</p> <p>The Red One is the Alhambra Palace. Yusuf I, one of the last rulers of Granada completed this particular gate (not personally, of course). He was the seventh Nasrid ruler of the Emirate of Granada in Al-Andalus on the Iberian Peninsula. He was Sultan between 1333 and 1354.</p> <p>https://en.wikipedia.org/wiki/Yusuf_I,_Sultan_of_Granada</p> <p>[number, points].</p>
P13	Q1	T	<p>What is the bobble on the Tam O'Shanter called?</p> <p>A nice easy one to look up. The answer is Toorie. This hat is also sometimes called a Balmoral – a hint to the picture on this page 15.</p> <p>https://en.wikipedia.org/wiki/Tam_o%27_shanter_(cap)</p> <p>[number, points].</p>
	Q2	H	<p>On 21st September 1969, we find out that he is killed in a hit and run accident, but he cannot return to his grave for 100 years. Who is he?</p> <p>One of my childhood TV favourites, this one. First broadcast on 21/9/1969, Randall and Hopkirk (Deceased) was a cracking Private Investigator series featuring Jeff Randall and Marty Hopkirk. Marty is killed in the first episode by a hit and run driver and comes back as a ghost, selecting his friend and partner Jeff Randall as the only man who can see and hear him as he returns to the world of the living. After staying out in the daylight to help Jeff solve the case of his own murder, he is cursed to roam the Earth for 100 years. Marty is a highly persistent character clad in an all-white suit to mimic that of a ghost.</p> <p>https://en.wikipedia.org/wiki/My_Late_Lamented_Friend_and_Partner</p> <p>[number, points].</p>
	Q3	E	<p>His great-great grandfather was born in Aleppo. He himself was born on 1st April 1764, won 18 races in his lifetime and</p>

			<p>has many, many successful offspring. Who is he?</p> <p>Eclipse, the famous racehorse of the 18th Century, who is in the pedigree of most modern thoroughbred horses.</p> <p>Eclipse was foaled during and named after the solar eclipse of 1 April 1764, at the Cranbourne Lodge stud of his breeder, Prince William Augustus, Duke of Cumberland. It was at this stud that his sire, the Jockey Club Plate winner Marske (by Squirt from The Ruby Mare) stood. His dam, Spilletta (foaled 1749), was by Regulus, who was by the Godolphin Arabian. Eclipse's male-line great-grandsire was Bartlett's Childers, and his male-line great-great-grandsire was Darley Arabian. Eclipse was a brother to the successful broodmare Proserpine. They were inbred to Snake in the fourth generation (4m x 4f) of their pedigree. After the death of Prince William in 1765, Eclipse was sold for 75 guineas to a sheep dealer from Smithfield, William Wildman.</p> <p>Eclipse is still remembered in the phrase "Eclipse first and the rest nowhere".</p> <p>https://en.m.wikipedia.org/wiki/Eclipse_(horse)</p> <p>[number, points].</p>
	Q4	N	<p>Which is the odd one out - organic carrots, nightclub entry, CD-ROM, rewritable DVD, prescription lens, power point, nail varnish?</p> <p>Quite an easy question if you have got the acrostic, since you need an "N", meaning that there are only two possible answers. The one I was looking for is Nail varnish – this item was added in to the basket of goods for CPI calculation by the ONS in 2016, as opposed to the others, which have been removed.</p> <p>https://www.ons.gov.uk/economy/inflationandpriceindices/articles/consumerpriceinflationbasketofgoodsandservices/2016</p> <p>[number, points].</p>
P14	Q1	C	<p>Where was this trophy won outright?</p> <p>The picture is of the famous Schneider Trophy for outright maximum speed by seaplanes. The trophy was won for the third time (and hence outright) by Supermarine at Calshot Spit in the Solent, the races being run from the Isle of Wight.</p> <p>The race was significant in advancing aeroplane design, particularly in the fields of aerodynamics and engine design, and</p>

		<p>would show its results in the best fighters of World War II. The streamlined shape and the low drag, liquid-cooled engine pioneered by Schneider Trophy designs are obvious in the British Supermarine Spitfire, the American North American P-51 Mustang, and the Italian Macchi C.202 Folgore.</p> <p>My mother (as Mayor of the Isle of Wight) hosted a re-enactment of the race in the late 1980's.</p> <p>https://en.wikipedia.org/wiki/Schneider_Trophy</p> <p>[number, points].</p>
Q2	A	<p>If the man is in Copenhagen, the woman and her dog are in New York City, then what is the original name of the tent?</p> <p>This refers to The Cape York meteorite, known as Ahnighto. The meteorite collided with Earth nearly 10,000 years ago. The iron masses were known to Inuit as Ahnighto (the Tent), weighing 31 metric tons (31 long tons; 34 short tons); the Woman, weighing 3 metric tons (3.0 long tons; 3.3 short tons); and the Dog, weighing 400 kilograms (880 lb). For centuries, Inuit living near the meteorites used them as a source of metal for tools and harpoons. The Inuit would work the metal using cold forging—that is, by stamping and hammering it.</p> <p>It was located in 1894 by Robert E. Peary, the famous American Navy Arctic explorer, who had enlisted the help of a local Inuit guide - the one who brought him to Saviksoah Island, just off northern Greenland's Cape York in 1894. It took Peary three years to arrange and carry out the loading of the heavy iron meteorites onto ships. It required the building of Greenland's only (small and short) railroad.</p> <p>https://en.wikipedia.org/wiki/Cape_York_meteorite</p> <p>[number, points].</p>
Q3	R	<p>If Hickenlooper is D and Walker is I, what is Otter?</p> <p>Another Whitaker's Almanac question. The answer is "R" - these are the party affiliations for the governors of various US States. John Hickenlooper (Democrat) is Governor of Colorado, Bill Walker (Independent) is Governor of Alaska and Butch Otter (Republican) is the Governor of Idaho.</p> <p>See Whitaker's Almanac 2017, page 899.</p> <p>[number, points].</p>

Q4	P	<p>Which Shakespearean character is not due to return to earth for another 53 years, having been sent up by an obsidian dart?</p> <p>Another Google-proofed question.</p> <p>Prospero is the only British satellite to have been launched by a British rocket, the Black Arrow. I have been in the same room as Prospero (my Dad worked on the programme and he also had connections with the Black Arrow programme).</p> <p>The Black Arrow was tested at the rocket firing site at Highdown on the Isle of Wight. This is an open museum, well worth a visit.</p> <p>https://en.wikipedia.org/wiki/Prospero_(satellite)</p> <p>http://www.solentskymuseum.org/single-post/2016/10/27/Solent-Spacecraft</p> <p>http://www.hengistbury-head.co.uk/hengistbury-head-highdown.php</p> <p>http://www.redfunnel.co.uk/island-guide/places-to-visit/isle-of-wight-heritage-attractions/needles-rocket-testing-station/</p> <p>[number, points].</p>
Q5	A	<p>What is the fruit of the fragaria plant called?</p> <p>A small trick question. The fragaria is the Strawberry, but technically, the strawberry is NOT a fruit. The actual fruit of this plant are the small white pips on the side of the strawberry itself; these are called Achenes.</p> <p>https://www.britannica.com/plant/strawberry</p> <p>[number, points].</p>
Q6	R	<p>If $M + I = Z$ and $T + K = Q$, then $A + E =$ what?</p> <p>If you use Morse Code, then you will quickly find the answer, which is “R”.</p> <p>[number, points].</p>
Q7	K	<p>Which actress could be known as a victorious goatherd?</p>

			<p>This is an etymological derivation for Nicole Kidman.</p> <p>Nicole is the feminine form of Nicholas, which is from the Greek nike laos. Nike means victory in Greek and laos means people. A kidman is a man who looks after the kid goats.</p> <p>See The Etymologicon, page 239.</p> <p>[number, points].</p>
P15	Q1	T	<p>Picture clue. Cover of Tchaikovsky Grand Sonata record played by Mikhail Pletnev.</p> <p>The answer is Tchaikovksy, but you only get points if you note that it is for the Grand Sonata.</p> <p>http://new2.classicalm.com/en/composition/20259/Tchaikovsky---Grand-Sonata-Childrens-Album-Pletnev</p> <p>https://en.wikipedia.org/wiki/Piano_Sonata_in_G_major_(Tchaikovsky)</p> <p>[number, points].</p>
	Q2	H	<p>Picture clue. Emission spectrum for Hydrogen.</p> <p>Hydrogen is the answer. But you only get the points if you put it together with the Grand Sonata above, to make – The Hydrogen Sonata.</p> <p>https://en.wikipedia.org/wiki/Hydrogen_spectral_series</p> <p>[number, points].</p>
	Q3	E	<p>Picture clue.</p> <p>I had come across the use of Asteroid numbers since Iain Banks has an asteroid named after him (posthumously – asteroid 5099). I wanted to use them as a code, but it was far too easy to decipher - the names of the minor planets proved to be poor disguise for the associated minor planet numbers (too easy to Google once you've got four or five), so an idea that promised much richness was relegated to one question and a 'prime number' hint.</p> <p>The sequence is that these people had asteroids named after them. Each asteroid also has a number. These asteroids descend in number from 2004 to 2001, coincidentally, the same numbers as in question 4.</p>

		<p>2004 = Lexell</p> <p>2003 = Harding</p> <p>2002 = Euler</p> <p>2001 = Einstein</p> <p>https://en.wikipedia.org/wiki/Anders_Johan_Lexell</p> <p>https://en.wikipedia.org/wiki/Karl_Ludwig_Harding</p> <p>https://en.wikipedia.org/wiki/Leonhard_Euler</p> <p>https://en.wikipedia.org/wiki/2001_Einstein</p> <p>[number, points].</p>
Q4	N	<p>Picture clue.</p> <p>The sequence is CAMRA's national pubs of the year from 2004 backwards to 2001 (the same numbers as for question 3 on this page).</p> <p>Originally, I intended to use The Fat Cat (Norwich), then The Rising Sun (Tipton), then The Blisland Inn (Blisland, Cornwall) and then finally The Nursery (Heaton Norris).</p> <p>However, The Rising Sun has closed and is in the process of re-opening. So I had to use the pubs in reverse order from 2004 back to 2001. The Fat Cat (2004), Crown & Thistle (Gravesend, 2003), Swan (Little Totham, 2002), and finally The Nursery (Heaton Norris, 2001).</p> <p>See CAMRA's Beer Knowledge book, page 22.</p> <p>http://www.fatcatpub.co.uk/aboutus.html</p> <p>http://www.beerintheevening.com/pubs/s/14/14656/Crown_and_Thistle/crownandthistle.net</p> <p>https://en.wikipedia.org/wiki/The_Swan,_Little_Totham</p>

			<p>http://www.nurseryinn.co.uk/gallery/#iLightbox[gallery-1]/36</p> <p>[number, points].</p>
P16	Q1	T	<p>Which double went on strike when her beloved dog was not brought to England?</p> <p>A tricky question, this one. The answer is Treasure – the codename of Nathalie Sergueiew. She was a French woman of Russian descent who was recruited and trained by the Abwehr, but once in England, she defected. Though she was a competent double agent, she was temperamental and difficult to handle; when MI5 failed to bring her dog to England from Spain without being quarantined (as was promised), she went on strike.</p> <p>https://books.google.co.uk/books?id=AmU7AwAAQBAJ&pg=PR55&lpg=PR55&dq=Which+double+agent+%22went+on+strike%22+when+her+%22beloved+dog+to+England%22?&source=bl&ots=I9ccLuz7Qc&sig=RVhGBGtxref_MPu6D9giqhgIAa4&hl=en&sa=X&ved=0ahUKEwjcl9WV7M_PAhULB8AKHTKbCu4Q6AEIHDA#v=onepage&q=Whic+h%20double%20agent%20%22went%20on%20strike%22%20when%20her%20%22beloved%20dog%20to%20England%22%3F&f=false</p> <p>Lots of hints from the questions on this page. Treasure, The Ridgeway, etc.</p> <p>[number, points].</p>
	Q2	R	<p>What links Barbury Castle, William Morris, James Bond (9) and the Prime Minister?</p> <p>The Ridgeway national trail runs through or past Barbury Castle, Nuffield House (home of William Morris), Huntercombe Golf Course (home course of Ian Fleming who was a member there, playing off 9; his creation James Bond was also posed as having a handicap of 9 there in the book <i>Goldfinger</i>) and Chequers, the PM's country grace and favour pile.</p> <p>https://en.wikipedia.org/wiki/The_Ridgeway</p> <p>https://www.nationaltrust.org.uk/nuffield-place</p> <p>http://www.huntercombegolfclub.co.uk/clubhouse/history/</p> <p>[number, points].</p>

Q3	E	<p>Forename of one of the W triumvirate, sweetly outgoing from the purple tin.</p> <p>The W Triumvirate of great West Indian batsmen, namely Frank Worrell, Clyde Walcott and Sir Everton DeCourcy Weekes, KCMG, GCM, OBE (born 26 February 1925).</p> <p>Everton football club is nicknamed “The Toffees”.</p> <p>In 2016, Nestle decided in their infinite wisdom to remove the Toffee Deluxe from their box of Quality Street chocolates and sweets (yes, we all have them at Christmas, don’t we?) – hence the ‘sweetly outgoing from the purple tin’.</p> <p>http://www.confectionerynews.com/Markets/Nestle-withdraws-Toffee-Deluxe-from-Quality-Street</p> <p>https://en.wikipedia.org/wiki/Everton_Weekes</p> <p>[number, points].</p>
Q4	A	<p>To what should this be amended?</p> <p>Another picture clue, this one of a Coronation mug for King Edward VII. It is dated June 26, 1902, but he was taken ill with appendicitis 2 days earlier and the coronation was postponed to August 9th. Most of the manufacturers of memorabilia did not bother to recall and remake all their souvenirs, although some did. Those are much more valuable to collectors these days.</p> <p>http://www.ebay.co.uk/itm/DM-Sons-Commemorative-Pottery-Mug-1902-Coronation-Queen-Alexandra-King-Edward-/152304795554?hash=item237612bfa2%3Ag%3AcmUAAOSw-KFXdn10</p> <p>https://en.wikipedia.org/wiki/Edward_VII</p> <p>[number, points].</p>
Q5	S	<p>Where can you see the graves of three English Rajahs of Sarawak?</p> <p>Another Devon question – they are in the churchyard of the church in Sheepstor, near Yelverton, Devon.</p> <p>[number, points].</p>
Q6	U	<p>From where, in relation to the wood, was Spring purloined by a strong red King?</p>

		<p>Under Milk Wood, by Dylan Thomas, begins: “To begin at the beginning: It is spring, moonless night in the small town, starless and bible-black”. King Crimson Starless and Bible-Black as the title of their 6th Album, and also a track (Starless) on their next album, Red. Crimson is a strong red colour.</p> <p>http://oedipa.tripod.com/thomas.html</p> <p>https://en.wikipedia.org/wiki/Starless_and_Bible_Black</p> <p>[number, points].</p>
Q7	R	<p>Murdered eastern religious figure, popular in the west at the time the Shah was toppled.</p> <p>A slight trick question here. The Shah was finally toppled in January 1979 and during the Iranian revolution (1978-79) there was a rather irritating tune riding high in the pop charts sung by Boney M. This was called Rasputin. (Its Canadian release extended ‘popular in the west’ into 1979.) The man himself, of course, wasn’t around to witness his immortalisation on vinyl.</p> <p>"Rasputin" references Grigori Rasputin's alleged healing of hemophiliac Tsarevich Alexei of Russia, and how this endeared him to the boy's mother, the Tsaritsa Alexandra Fyodorovna (former Princess Alix of Hesse). It also claims that Rasputin was Alexandra's paramour ("Ra Ra Rasputin: lover of the Russian queen - there was a cat that really was gone"). As "Russia's greatest love machine", the "Moscow chicks" thought him lovely. The song states that Rasputin's political power overshadowed that of the Tsar himself in "all affairs of state". When his sexual and political acts became intolerable, "men of higher standing" plotted his downfall, despite the fact that "the ladies begged" them not to.</p> <p>The end of the song recounts a modified version of a popular description of the events that culminated in Rasputin's assassination, as perpetrated by Felix Yusupov, Vladimir Purishkevich, and Dmitri Pavlovich of Russia on December 16, 1916 (O.S.). Specifically, the song states that Rasputin's assassins fatally shot him after he survived the poisoning of his wine with a very large dose of cyanide.</p> <p>https://en.wikipedia.org/wiki/Rasputin_(song)</p> <p>[number, points].</p>
Q8	E	<p>A dead (but very tasty) bird, an Austrian goalkeeper and a sheriff who met his end on the roof of the Hotel Carmilla were the original keepers of which hunting ground in England?</p>

		<p>The first recorded wardens of Exmoor were Dodo, Almer & Godric who were named in the Domesday Book (1087) as "foresters of Widepolla", Withypool having been the ancient capital of the forest.</p> <p>The Dodo became extinct in 1662. Like many animals that evolved in isolation from significant predators, the dodo was entirely fearless of humans. This fearlessness and its inability to fly made the dodo easy prey for sailors as well as the other predators introduced by them (eg rats).</p> <p>Robert Almer (born 20 March 1984) is an Austrian professional footballer who plays as a goalkeeper for Austria Wien and the Austria national team.</p> <p>Godric is a powerful and ancient vampire on the HBO original series <i>True Blood</i>. An ancient vampire over 2,000 years-old, Godric suffered much cruelty at the hands of the human race and his own maker which instilled in him a great amount of hatred and resentment. So much so, that he spent most of his existence hunting humans for sport. However, after a millennia, Godric realized that all the senseless killing had only left him feeling detached and empty. He changed his ways and became compassionate, and even loving, towards humans. Deciding that 2000 years was enough, he chose to meet the sun on the roof of the Hotel Carmilla, meeting an untimely demise in the Season 2 episode "I Will Rise Up".</p> <p>https://en.wikipedia.org/wiki/Dodo</p> <p>https://en.wikipedia.org/wiki/Robert_Almer</p> <p>http://trueblood.wikia.com/wiki/Godric</p> <p>http://trueblood.wikia.com/wiki/Hotel_Carmilla</p> <p>https://en.wikipedia.org/wiki/Exmoor</p> <p>[number, points].</p>
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It was no problem really deciphering the acrostic of the first significant letters of the answers to the questions:

Whisky then beer then pub then lion then beacon then dyke quarry then carpark then treasure [number, points]

Fourth Dynamic

This is a lovely little self-contained code – another Roger special. I wanted to encode the distances from each Point of Interest to the next in some way. I had measured all the distances using the Ordnance Survey Memory Map application, which also allowed me to find the exact bearings and distances, as well as having access to the OS map database. Using distances in miles was a little too boring, so I used many old imperial measurements, namely:

- miles (1,760 yards), abbreviated to mi
- furlongs (220 yards), abbreviated to fu
- chains (22 yards), abbreviated to ch
- rods (5.5 yards), abbreviated to ro
- fathoms (2 yards), abbreviated to fa
- yards, abbreviated to yd,
- feet (a third of a yard) abbreviated to ft and
- inches (you work it out!) abbreviated to in.

So I challenged Roger and he came up with this scheme to encode the information.

He thought of a phrase incorporating all of the 13 unique letters in those abbreviations – Fourth Dynamic (f and i are repeated). The letters for the relevant distance unit were then identified by their location in the phrase, starting with the first letter as zero. We needed a zero as we had several zeroes in the actual distances. The distance numbers were then enciphered using the opposite, ie the letter corresponding to the location in the phrase given by the digit. Thus the letters could have encodings of greater than 9, whilst the numbers always had letters within the first 9 locations within the phrase. This confused a lot of people.

We then used anagrams (we used them a LOT in this Hunt) to change the phrase for each page. This just mixed it up a bit but the principle remained the same.

The decoded distances and units for each page are shown in the Rings section below.

The Constellations and Anagrams

My original idea was to give you JUST the distances and make you pore over maps to find the POIs. However, we subsequently thought that would be too difficult, time consuming, ambiguous and plain annoying to do so. So I decided to add in the bearing from each point to the next.

How to do this? Well, we could encode it, but I thought it would be better to actually draw the angles. So I created the constellation diagrams. Each had 8 stars – a starting star and 7 lines (all of the same length) joining those stars. I drew them up and found that they were pleasingly different and slightly awkward in that you had to work out which was the starting point and which the end point. Excellent.

So I put a constellation and a set of distances on each page corresponding to the book. The actual treasure site was to be on the *Raw Spirit* page.

Thus you would have, on each page, the precise distances and bearings from the starting points (the distilleries as given by the whiskies) to each of the next 7 destinations – enabling you to work out the precise locations of the putative treasure sites. Simple, eh? In fact, too simple, we thought. So we decided to mix them up and move the constellation diagrams to different pages. Also, because on some of the pages, I had night skies, I decided to change some of the constellations to actual star charts (using stars taken from those images).

Don't read anything into the different types of stars that were used – they were not relevant (although some of you thought that they were, so it sent you down all sorts of rabbit holes – a lovely thing for a Setter to see). It was the bearings of the lines that were relevant. Those were taken as 0 degrees is straight up the page as oriented.

But now I had to give you a way of associating each constellation with its associated book page. I did that by taking a leading character from each book, mixing up the names into anagrams and placing them with the relevant constellation. I showed you that the text in that particular font was always an anagram by showing you a famous anagram on the first page:

(11 + 2) EQUALS (12 + 1)

...using Algerian Font. Now this is true on two levels: $11+2 = 12+1 = 13$. But also ELEVEN TWO = TWLEVE ONE, ie it is an anagram in both numbers and letters. So therefore, all phrases using Algerian font are anagrams.

The characters and their associated books are as follows:

Year published	Title	Main character	Anagrams	Constellation on which page? Green = true page
1984	The Wasp Factory	Frank Cauldhame	A chalk farm dune	Page 5 State of the Art
1987	Consider Phlebas	Perosteck Balveda	Paved Rock Beatles (note this was corrected from Paved Rock Stable in the original version of the Hunt)	Page 2 Consider Phlebas
1988	The Player of Games	Jernau Morat Gurgeh	Mr Jaguar Toughener	Page 6 against a Dark Background
1990	Use of Weapons	Cheradenine Zakalwe	New Zealand Cake Hire	Page 5 State of the Art
1991	The State of the Art	Diziet Sma	At Midsize	Page 6 against a Dark Background
1993	Against a Dark Background	Lady Sharrow	Larry Shadow	Page 6 against a Dark Background
1994	Feersum Endjinn	Bascule the Teller	Harebell Lettuces	Page 7 Feersum Endjinn
1996	Excession	Byr Genar-Hofoen	Granny Hoof Beer	Page 9 Inversions
1998	Inversions	King Quience of Haspidus	Kiss hip of dancing queue	Page 8 Excession
2000	Look to Windward	Major Quilan	Liquor an' Jam	Page 5 State of the Art
2003	Raw Spirit	Iain Menzies Banks	In Saab Mk Nine size	Page 13 Raw Spirit
2004	The Algebraist	Fassin Taak	Ask If Santa	Page 14 Surface Detail

2008	Matter	Djan Seriy Anaplian	Ninja Display Arena	Page 6 against a Dark Background
2010	Surface Detail	Joiler Veppers, an industrialist and playboy; Gyorni Vatueil, a soldier (aka Cheradenine Zakalwe); Additional anagram put in for this on page 14, Healer Awakened Zinc <-> A live Yogi turn. Points for recognising that they were the same character [number, points]	Evil Prop Jeers	Page 5 State of the Art
2012	The Hydrogen Sonata	Vyr Cossont	Rosy Cons TV	Page 12 The Algebraist
2013	The Quarry	Paul (Buzz Darkside)	Daz Rubzedski	Page 6 against a Dark Background

As you can see, I put the books originally in publication order on the pages, but decided at the last minute to swap *Matter* and *Raw Spirit*. This was unnecessary in the end, I think.

Finally, I decided to put in some red lions just to spice things up a bit. This was just after the Poster was published, ie right at the very last minute before the Hunt itself was published! They worked a treat as a diversion. Five were put in:

The Great Bear, aka Ursa Major, a real constellation	Barge Theatre	Page 6 against a Dark Background
This is based on the real constellation Gemini. Because there had been a mistake on the poster with the distance of Delta Geminorum (which we corrected), I decided to add a reference to that in to this constellation. Delta Geminorum has the alternative Greek name of Wasat. So the anagram phrase is "Gemini Wasat Red Lion".	Enigma waits old rein	Page 5 State of the Art

This is based on the real constellation Leo. The anagram phrase is "Leo the Red Lion".	Reel in toehold	Page 8 Excession
This is based on the real constellation Orion, the Hunter. So the anagram phrase is "Orion hunting Red Lion".	Enduring Rhino lotion	Page 14 Surface Detail
This is based on the real constellation Draco. The anagram phrase is "Draco Red Lion".	Racoon Riddle	Page 16 The Quarry

Now, unwittingly, the four real constellations that I had based these Red Lions upon were Gemini, Orion, Leo and Draco. As an acrostic, that spells out "GOLD". Well spotted for those who did – bonus marks! **[number, points]**

The Rings

So, having been given the constellations (directions) and distances (the rings themselves) what were the actual points of interest (POIs)? And why did I choose them in particular?

The choice of Rings and POIs was one of the first things completed in the Hunt.

Firstly, I had to work out the Distilleries. Most of these were easy – the treasure itself was to be located on the Glenfiddich set of rings, since in *Raw Spirit*, Iain Banks himself chose his favourite whisky as Glenfiddich Gran Reserva. I quote:

Ultimately, the single malt that most impressed me without being out being outrageously expensive or simply unavailable was that 21-year-old Glenfiddich Gran Reserva. This is brilliantly different, complex, utterly assured whisky-making of the first order; a drink that tastes unimprovably stunning with no water added, yet maybe even better with a dash.

At 60 quid for a bottle (at the time of writing, mid-August 2003) it's not exactly cheap, but then look at it this way; there's over three times as much alcohol in a bottle of 40 abv whisky as there is in even a fairly powerful bottle of wine, and there's WAY more than three times the amount of taste per sip, even if you water it down. So if you'd splash out on a fifteen or twenty pound bottle of wine, there should be no problem handing over 60 smackers for a brilliant bottle of malt.

OK, in 2016, it costs about £150 a bottle and so I wasn't hiding one of those in a trough! But Glenfiddich was the treasure marker anyway.

The rest of the Whiskies were simple – I chose ones that I personally enjoyed or were written about in the *Raw Spirit* book. Those matched up to the Science Fiction books and *Raw Spirit*. For *The Wasp Factory* and *The Quarry* I decided to use English whiskies, which are now beginning to be quite good. It also meant that the spider diagrams weren't published on the web in the way that the Scotch whiskies are, so it placed more emphasis on your Treasure Hunting skills. The English Whisky Company Chapter 14 was an easy one as I visited there after a CGI golf trip to Norfolk in May. I sampled the Whisky, bought a bottle and researched the area for hiding places. There weren't any. The Cotswold distillery was attractive since although the whisky is not yet in production and it is VERY close to the Hook Norton brewery, so the first set of rings should be easy to sort out.

Next I had to select the breweries / beers.

This was a simple search on having breweries fairly well spread about the country, mostly in England. Some were my favourites (Hook Norton, Sharps, Otter and Black Sheep). Others were close to old treasure locations (Chiltern, Verulam, Hogs Back and Harveys). One was close to the actual treasure location (Tring – a revelation as a brewery, I am very impressed with their beer). A couple were in Scotland, near the relevant

distilleries (Black Isle and Islay Ales). Others were well away from those already chosen and so added a bit of variety (Adnams, Fullers, Camerons and Coniston) and one I visited on another golf trip to Herefordshire whilst discovering a Mike Oldfield link for a Beacon (Wye Valley). I then had to simply choose appropriate ales from those breweries' ranges and then put them in to the magic square (see page 13 explanation).

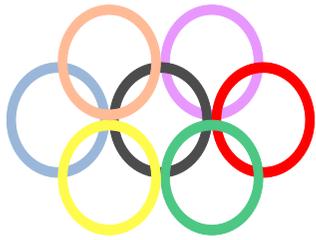
The other POIs had to be relatively close geographically to the breweries, so as to make the hops between the rings easier to find. Some of them were further than I really intended, but that was necessary to sort things out.

The Red Lions were tricky, though. It is the most common name for a pub, but only in England – there are very few in Scotland, so I had to choose something different there. There are no Red Lions *at all* on Islay - hence the re-colouring of the lion on the Kildalton cross. Balmoral flying the Red Lion rampant standard flag on it was a lovely inspiration one night in July. There were a couple of Red Lion ponds and farms, but I could find the White Lion at Dunstable Downs and the Golden Lion pub at Tipton St John (one of my locals in Devon) for the actual treasure site rings.

Since the Olympics were quite newsworthy in August 2016, I wanted to use a logo that was similar to the main Olympic rings design, but subtly different – a small attempt to make you think of the Games. So I took the logo and tried to put it into a publishing package. I failed dismally.



So I eventually had to create my own, without the ring intersections that are on the Olympic logo, using similar colours (but the differences were not significant).



So, having the blue, yellow, black, green and red rings I added in purple and orange rings to make it symmetrical. The overlaps were irrelevant – indeed they got changed during the production of the Hunt document as I was trying to get the pictures within the rings to optimal viewing conditions within a printed document.

The scheme I chose for placing the ring pictures was as follows:

Blue – Whisky

Yellow – Beer

Orange – Pub

Black – Lion

Green – Beacon

Purple – Dyke / Quarry / Earthwork

Red – Car Park.

Having created the Hunt logo as it were, I then had to decide what clues to put in. Clearly, the finished set of rings would nominally have had pictures of ALL the locations in each and every ring. I wanted a Whisky on each and every page – so putting in the Whisky taste radar diagram was an obvious one. I introduced it and how to decode it on the Poster.

I then decided to put in one (very occasionally two) ring pictures on each page so as to guide you in the right direction when finding the POIs on each page. Having a set point identified by the picture gave you two reference points on each set of rings, so the decoding should be much easier, I thought. Some of the pictures I took from the web, some I took myself (so as to avoid the TinEye image search problem) and some I doctored so as to give the effect I was after. The actual pictures chosen are as in the table below.

When I decided to put in a picture of a distillery (Bowmore and Edradour), the ring picture was already there, so no other pictures were necessary on that series. I didn't want to make it TOO easy, after all.

Book / Page	Origin	Point of Interest (POI)	Comments	Bearing in degrees	Fourth Dynamic Encoding	Distance in miles	Location (Lat/Long)	Ring Picture
						mi		
The Wasp Factory			Putting in Hook Norton as the brewery with the Cotswold Distillery only 4 miles away was meant to be a big clue to the identity of the whisky as the radar diagram was made up by me from tasting notes (and so not available on the web).					
	Distillery	Cotswold Distillery	Close to Hook Norton				52.02573, -1.56595	
	Brewery	Hook Norton	My favourite beer.	123	yd 6477	3.68	51.99668, -1.49357	Hook Norton brewery - my own picture.
	Pub	Pear Tree Inn, Hook Norton	The brewery tap - only 200 yards or so from the brewery. A lovely little pub.	107	fa 113	0.128788	51.99611, -1.49069	
	Lion	Red Lion, Longwick, Bucks	I needed a Red Lion pub, so this is the one.	123	fu 260	32.5	51.73598, -0.85718	
	Beacon	Beacon Hill, Bucks	The only location that is used in TWO sets of rings - this page and also page 13	73	ch 238	2.97	51.74841, -0.79087	
	Earthworks (Dyke / Quarry)	Quarry Wood, Cookham	The site of ATH 1991. I started using this route as it is a suitable quarry.	173	mi 20921	13	51.56102, -0.75814	

	Car Park	Winter Hill Car Park	Car park closest to the ATH 1991 location.	54	ft 3363	0.637	51.56635, -0.74608	
		ATH 1991 Treasure location - Red Lion card	An obvious Red Lion location.	250	in 16093	0.254	51.56510, -0.75162	
Consider Phlebas								
	Distillery	Bunnahabhain	Everything in this series of rings is on, or very near to, the famous whisky island of Islay. Bunnahabhain is the least smoky / peaty of the Islay whiskies and my personal Islay favourite.				55.88267, -6.12600	
	Brewery	Islay Ales	One of the main breweries on Islay, and marked as a brewery on the OS map.	215	ch 668	8.35	55.78477, -6.25159	
	Pub	Harbour Inn, Bowmore	A nice pub, I think - but I have never visited it.	216	fa 2077	2.36	55.75752, -6.28756	
	Lion	Kildalton Cross	The only lion that I could find on Islay. I put a picture of it in the ring, shaded in red.	118	ch 856	10.7	55.68465, -6.04655	Kildalton Cross, airbrushed to make the lion on it red. See the original at http://www.eccentricbliss.com/2015/12/kildalton-cross/

	Beacon	Beacon (lighthouse) on Jura	Again, beacons were hard to find on Islay, so I chose an offshore lighthouse beacon. This one, called Carragh an t-Sruith is actually across the Sound of Islay on Jura (which also has a nice distillery).	351	ro 4192	13.1	55.87179, -6.09635	
	Earthworks (Dyke / Quarry)	Islay Quarry	A run of the mill quarry, but marked on the OS map, even though it is disused.	221	yd 15805	8.98	55.77449, -6.24882	
	Car Park	Islay Car Park	A small car park found on the map.	192	ro 4000	12.5	55.59763, -6.31728	
		Machrie Golf Course - nothing there	Islay's main golf course - a quirky old links course. But it reinforced the Red Lion nature of the ring; NOTHING to do with Golf. The location is exactly on the little golf course flag marked on the OS map.	27	in 325668	5.139962	55.66367, -6.25714	
The Player of Games			Going back to a favourite holiday location of mine - the Lake District. There is a new distillery opening up in the Lake District, I thought about using it, but it was too difficult to wind in and maintain the theme. See https://www.lakesdistillery.com/					
	Distillery	Macallan	One of my favourite whiskies.				57.48462, -3.20758	

	Brewery	Black Sheep Brewery, Masham	...and one of my favourite beers! Lovely story as to why it is called Black Sheep - it was one of the Theakston brothers who fell out with the rest of his family. So he moved next door (literally - the breweries are about 10 yards apart) and founded his own brewery.	165	mi 374977	233	54.22506, -1.65845	
	Pub	The Bridge Inn, Pateley Bridge, Yorkshire	A nice pub and one that I could find on Streetview, so a good picture could be put in the ring.	207	fu 82	10.25	54.09336, -1.77516	The full picture shows a rather large old mill behind the carpark. I left the name of the pub in to help you. See https://goo.gl/maps/NhNQv1z7ewJ2
	Lion	Red Lion, Burnsall	A normal Red Lion pub.	246	ch 633	7.91	54.04704, -1.95300	

	Beacon	Beamsley Beacon	Beamsley Beacon (also known as Howber Hill) at just below 1300 ft (393 metres) is a prominent summit landmark in the Lower Wharfedale area. It will therefore come as no surprise that it has featured as a warning beacon for centuries. The name Beamsley Beacon was first recorded in 1667. There was a burial place for a Bronze Age local chieftain and as a territorial marker. There has been “tinkering” over the years and stone may have been used to construct a guard hut so that the beacon could be lit to warn of invasion during the Napoleonic War.	142	fa 6046	6.87	53.96797, -1.85088	
	Earthworks (Dyke / Quarry)	Lurgy Delf Quarry	What a fabulous name! I simply had to use it. It is disused now, but on the map.	147	yd 2059	1.17	53.95364, -1.83568	
	Car Park	Addingham Car Park	An easily found car park on an OS map.	248	ft 10402	1.970076	53.94323, -1.88075	
		Ilkley Golf Club - nothing there	A golf course. Again, reinforcing the Red Lion nature of this ring series.	119	in 87432	1.379924	53.93334, -1.85146	
	Use of Weapons							

	Distillery	Springbank	Campbeltown used to be one of the main centres for whisky production in Scotland. Now the town is a shadow of its former self but there are still some lovely distilleries there. This is one of the best known and is also mentioned in Raw Spirit. The area had to be represented in the list of distilleries.				55.42594, -5.60889	
	Brewery	Coniston Brewery	A lovely little village - Coniston. I stayed there a few years ago and found some good pubs and a local micro-brewery.	125	mi 201168	125	54.36900, -3.07662	
	Pub	The Sun Inn, Coniston	Right next door is a cracking little pub.	276	ft 421	0.079735	54.36913, -3.07858	
	Lion	The Red Lion, Hawkshead	And in the village a few miles away is another nice pub - a Red Lion, of course.	82	ch 260	3.25	54.37510, -2.99869	
	Beacon	Beacon Tarn	A different type of beacon, but a beacon none the less. This is one of the little lakes (tarns) in the Lake District. The location is right in the middle of the Tarn.	223	fu 56	7	54.30113, -3.11703	
	Earthworks (Dyke / Quarry)	Coniston Quarries	I tried, but failed, to reach the summit of the Old Man of Coniston whilst on holiday a few years ago, although I did reach the quarry workings half way up it. It was a haunting place, seemingly dead with industrial wreckage around. The location marked on the OS map as Quarries and Levels (disused).	1	yd 8677	4.93	54.37239, -3.11440	I chose a haunting black and white picture from the web for this one. The original is here: http://www.wildaboutbritain.co.uk/pictures/showfull.php?photo=43522

	Car Park	Coniston Car Park	A car park in down town Coniston - just not very big!	102	fa 1285	1.46	54.36783, -3.07916	
		The Old Man of Coniston - nothing there	...and back to the Old Man. Did you really think I would force you to climb one of the major peaks of the Lake District in the middle of winter? Or even that I would climb it to place something there? As all Setters know, you have to visit treasure sites regularly to maintain them!	276	in 109613	1.73	54.37070, -3.12162	
The State of the Art			An East of England set of locations, simply to spread things around England a bit. Adnams are now also distilling whisky.					
	Distillery	Highland Park	A famous old whisky from the Orkneys. Slightly smoky but very pleasant.				58.96907, -2.95524	
	Brewery	Adnams, Southwold, Suffolk	A large brewery on the Suffolk coast.	158	mi 795016	494	52.32758, 1.68050	
	Pub	Sole Bay Inn, Southwold	A pub only a few paces away from the brewery.	142	fa 27	0.030871	52.32722, 1.68094	
	Lion	Red Lion Inn, Southwold	...and another pub in the town. But it is a Red Lion.	197	ch 13	0.163258	52.32497, 1.67975	
	Beacon	The Beacon, Hollesley Bay, Suffolk	A house on Hollesley Bay marked on the OS Map as a Beacon. No other reason for choosing it.	205	fu 177	22.125	52.03635, 1.45576	

	Earthworks (Dyke / Quarry)	Orford Castle and Earthworks	I struggled to find any sensible quarries or dykes in Suffolk. Then I remembered another holiday in Aldeburgh and going to Orford Castle - a lonely tower built on a man-made mound – with the classic earthworks symbols showing on the OS Map. I had to stretch a point here as I was desperate for such a location near this area. So the term Earthworks was coined instead of Dyke / Quarry. A bit awkward, but most people managed. See http://www.english-heritage.org.uk/visit/places/orford-castle/	38	yd 9029	5.13	52.09428, 1.53080	
	Car Park	Orford Car Park	Right at the end of the village is a carpark for cars waiting to use the ferry across to Orford Ness.	119	ft 1927	0.365	52.09171, 1.53830	I used Streetview here, leaving in the name of the street to help you. See https://goo.gl/maps/9BpC1w2xYfB2

		Orford Ness Lighthouse - nothing there	An old lighthouse in the middle of nowhere. Orford Ness used to be an MOD site for testing secret weapons during and after WWII. It was one of the very first radar stations and was also used by AWE for environmental testing. It is now a National Trust nature reserve and difficult to get to - only accessible by ferry, so impractical as a treasure location. But it IS on a Red Lion trail, so I hope no-one visited it for the sake of finding a treasure. The location is on the Lighthouse.	109	in 103277	1.63	52.08390, 1.57434	
Against a Dark Background			A series of rings to direct you to one of previous Hunt locations - Herstmonceux near the Royal Observatory in Sussex. No Red Lion card, but a Red Lion trail. I originally wanted to end the trail at the Martello Tower at Seaford, but once I got on to the topic of using old treasure locations, I changed it around.					
	Distillery	Auchentoshan	A lovely whisky from Glasgow.				55.92231, -4.43931	
	Brewery	Harveys Brewery, Lewes, East Sussex	A major South Coast brewery.	152	mi 635691	395	50.87471, 0.01652	
	Pub	The Juggs, Kingston near	A nearby village with a usefully placed Pub symbol on the OS Map. No other reason	234	fa 1830	2.08	50.85721, -0.02207	

		Lewes	for choosing it.					
	Lion	Red Lion Pond, East Sussex	A geographical feature entitled Red Lion Pond. This is a pond high up on the South Downs Way, close to Pooks Dyke and also the nearby White Lion Pond. A perhaps hoped that you might get confused with the location and think this was a White Lion trail, not a Red Lion trail.	119	ch 295	3.69	50.83129, 0.05177	
	Beacon	Firle Beacon	Firle Beacon is a local landmark and wonderful viewing site from the top of the South Downs. Plenty of photos available on the web, but they do look similar to other such beacons, don't they?	86	ro 794	2.48	50.83376, 0.10828	A web photo - see http://www.geograph.org.uk/photo/24622
	Earthworks (Dyke / Quarry)	White Dyke Farm	I chose a different dyke for this trail; rather than Pooks Dyke, this one was closer to Herstmonceux.	79	yd 13798	7.84	50.85450, 0.28447	
	Car Park	Herstmonceux RGO Car Park	The car park for the visitor centre at the Royal Greenwich Observatory site at Herstmonceux.	70	ft 15312	2.9	50.86843, 0.34700	
		ATH 1999 Time Treasure location - nothing there	No treasure or Red Lion card, I'm afraid, although I understand some of you did visit the site. Sorry.	106	in 16854	0.266	50.77788, 0.35284	
	Feersum Endjinn		Now I went to the North East of the UK. They needed to be represented.					

	Distillery	Bowmore	One of the main breweries on Islay, and marked as a brewery on the OS map. Big, smoky, peaty and one of Iain Banks' favourites!				55.75695, -6.29085	No ring picture here as the distillery is shown instead. I blanked out most of the letters from the name. It was this picture that convinced me to put constellations into the sky on some of the photos - it just looked much better!
	Brewery	Camerons, Hartlepool	A large North Eastern brewery.	110	mi 344400	214	54.68156, -1.21269	
	Pub	The Spotted Cow, Elwick	A nearby village with a usefully placed Pub symbol on the OS Map. No other reason for choosing it.	273	ro 1056	3.3	54.68443, -1.29483	
	Lion	Red Lion Farm, Hartlepool	A nearby farm called Red Lion.	200	ch 89	1.11	54.66944, -1.30439	

	Beacon	Seaton Carew Beacon	<p>This is actually one of the Queen's Jubilee beacons on the seafront at Seaton Carew. I used a couple of these beacons, which can all be found on this website:</p> <p>http://www.telegraph.co.uk/news/uknews/the_queens_diamond_jubilee/9305353/Queens-Diamond-Jubilee-Beacons-map.html</p> <p>This particular beacon is not shown on Streetview, but can be seen at:</p> <p>https://www.destinationhartlepool.com/events/beacon-lighting-90th-birthday-of-the-queen.html</p>	96	fa 4162	4.73	54.66194, -1.18707	
	Earthworks (Dyke / Quarry)	Quarry at Brierton	A disused quarry marked on the OS map.	283	yd 5262	2.99	54.66469, -1.26144	
	Car Park	Seaton Carew Car Park	Back to Seaton Carew to a car park on the East of England coast path.	110	ft 19272	3.65	54.64599, -1.17625	
		Buzzer House lighthouse - nothing there	Out to a lighthouse with a great name. Nothing hidden there.	86	in 98842	1.56	54.64755, -1.13750	
Excession			Back to one of Pablo's best hunts - the totally visual hunt of Sets in 1992. Brian Jackson's best set of illustrations, IMHO. A Red Lion trail.					
	Distillery	Glenlivet	A gorgeous Speyside whisky.				57.34418, -3.33797	

	Brewery	Hogs Back Brewery, Tongham, Surrey	A good brewery (their TEA is a lovely pint), and I intended to site the main treasure near here originally. But I couldn't find a suitable location. I searched hard in the area on the Hogs Back and the North Downs Way.	166	mi 701674	436	51.22842, -0.73210	
	Pub	The Black Swan, Ockham, Surrey	One of my old locals for when I used to work at Cobham Park, one of the most beautiful offices I ever worked at and one that used to be owned completely by Logica. Shame they sold it off for flats. It was affectionately known as "The Mucky Duck".	67	ro 4384	13.7	51.30453, -0.43919	A picture from the web: http://www.kembers.com/Landing/image_pages/image5.html
	Lion	Red Lion, Betchworth, Surrey	The nearest pub called the Red Lion.	120	ch 707	8.84	51.24025, -0.26291	
	Beacon	Ockham VOR Beacon, Surrey www.trevord.com/navaids/ock.htm	An interesting site. Wisley airfield is now disused, but still is the site of one of the main VOR navigation beacons for commercial aircraft in the South East of England. OCK, is a VOR navigational beacon which anchors the South West (SW) Arrival Stack for London Heathrow Airport (ICAO: EGLL / IATA: LHR), which along with Biggin Hill, Kent (BIG – SE Arrivals), Bovingdon, Hertfordshire (BNN – NW Arrivals) and Lambourne, Essex (LAM – NE Arrivals) are London's main holds. See https://en.wikipedia.org/wiki/Ockham,_Surrey	299	fa 8061	9.16	51.30506, -0.44713	

	Earthworks (Dyke / Quarry)	Box Hill Quarry, Surrey	A quarry marked on the OS map at the famous Box Hill (scene of some of the 2012 Olympic cycling road race hill climbs). I chose this as it really confused the star constellation diagram as many of the bearings are at very similar angles.	119	yd 14379	8.17	51.24746, -0.28252	
	Car Park	Car Park, Fetcham	Back to Fetcham.	308	ft 19906	3.77	51.28147, -0.35036	I had to include the carpark symbol from the actual 1992 Hunt.
		ATH 1992 Treasure site, Fetcham - nothing there	Not even a Red Lion card here. Shame. Back in the day, this was one of the very few treasures that I found all on my own.	198	in 31490		51.27467, -0.35407	
	Inversions							
	Distillery	Bladnoch	A lowland distillery. It was closed and shut down, but reopened recently.				54.85819, -4.46408	

	Brewery	Sharps, Rock, Cornwall	A lovely brewery from the Rock area of Cornwall. Now quite widely distributed and not as good as when it was a small local brewery - but still pretty damn good!	183	mi 479585	298	50.55193, -4.89123	This is a scanned image of the plan of a Hawker Sea Fury. I inherited some books from my father entitled Aircraft of the Fighting Powers which gave detailed technical specifications of all aircraft in the 1940's. As Sharp's produce a beer called Sea Fury, it seemed to be too good an opportunity to pass up. Not available on the web.
	Pub	The Pityme Inn, Cornwall	A lovely name for a pub and very close to the brewery.	318	ro 53	0.167	50.55375, -4.89372	
	Lion	The Red Lion Inn, St Kew Highway, Cornwall	The nearest pub called the Red Lion.	95	ch 410	5.13	50.54684, -4.77777	
	Beacon	St Agnes' Beacon, Cornwall	A lovely hill / viewpoint on the North Cornwall coast.	230	fa 22352	25.4	50.31052, -5.21898	
	Earthworks (Dyke /	Perranporth Quarry,	A nearby quarry.	46	yd 4224	2.4	50.33426, -5.17933	

	Quarry)	Cornwall						
	Car Park	Perranporth Car Park	A beachside car park in the right place and marked on the map.	54	ft 7181	1.36	50.34572, -5.15446	This is taken from this website: http://incornwall.info/beaches/north-coast/perranporth-beach/
		Perranporth Golf Club - nothing there	A golf club, reinforcing the Red Lion nature of this trail. I put this location on the clubhouse.	73	in 42198	0.666	50.34841, -5.13999	
Look to Windward			A London-based trail, also utilising Fuller's Brewery.					
	Distillery	Laphroaig	Another big Islay whisky and one of Iain Banks' favourites.				55.62968, -6.15047	
	Brewery	Fullers, Chiswick	The major brewery in West London.	139	mi 605113	376	51.48797, -0.25104	Dray horses delivering for Fuller's. The picture can be found here: http://tastour.com/wp-content/uploads/2012/09/Fullers-cart-ride.jpeg

	Pub	The Castle, Harrow-on- the-Hill	A tiny little pub just down the hill from Harrow School. Quite difficult to find in London though. You have to know that there is a pub there. Deliberately tricky.	326	ro 2227	6.96	51.57212, -0.33952	
	Lion	The Red Lion, Bushey	The nearest pub called the Red Lion. Again, tricky to find from a map.	347	ch 414	5.17	51.64501, -0.36634	
	Beacon	Old Redding Queen's Jubilee beacon	Another Jubilee Beacon. Near the Scout Hut in Old Redding.	156	fa 1593	1.81	51.62098, -0.34953	
	Earthworks (Dyke / Quarry)	Grim's Dyke	The other end of Grim's Dyke from the actual treasure location. A nice bit of serendipity.	277	yd 660	0.375	51.62168, -0.35817	
	Car Park	Ruislip Station Car Park	A car park near to the Treasure Location.	223	ft 25925	4.91	51.56975, -0.43609	
		ATH 2000 Treasure Site - Red Lion card	Thanks to Dave Kee for locating this one! It did contain a Red Lion card and I know several visits were made there.	340	in 33898	0.535	51.57704, -0.44023	
Matter			The actual treasure trail.					
	Distillery	Glenfiddich	The Glenfiddich Gran Reserva is the best whisky, according to Iain Banks in Raw Spirit.				57.45488, -3.12874	
	Brewery	Tring	A lovely little local brewery.	165	mi 650175	404	51.79364, -0.65190	
	Pub	Greyhound near Stocks	A good local gastropub in Aldbury.	72	fu 18	2.25	51.80341, -0.60176	
	Lion	White Lion	A chalk White Lion etched into the hillside.	32	ch 298	3.72	51.84856, -0.55458	

	Beacon	Ivinghoe Beacon	A major viewpoint and beacon	259	fa 2068	2.35	51.84222, -0.60843	
	Earthworks (Dyke / Quarry)	End of Grim's Ditch	A significant ancient earthwork	197	yd 2429	1.38	51.82317, -0.61815	My own picture, although there is a similar one on the web at: http://www.petes-walks.co.uk/Latest%20walks/w2016/w20160904/w20160904_1.htm
	Car Park	Pitstone Hill car park	A slightly more remote car park from the really popular one at Ivinghoe Beacon. But it is still very, very busy with dog walkers.	41	ft 842	0.15947	51.82489, -0.61568	
		Trough, Main Treasure Site	A trough conveniently located in the bushes at the end of the car park. Very easy to find, I thought! But one team got within 10 paces of it on a couple of occasions and missed it. Unlucky! Gah!	160	in 4224	0.066667	51.82398, -0.61517	
The Algebraist			Herefordshire needed representing and there was a lovely Mike Oldfield connection.					
	Distillery	Aberlour	One of my favourites. I have a lot of favourite whiskies!				57.46629, -3.22522	
	Brewery	Wye Valley Brewery	A good local brewery.	175	mi 593848	369	52.14928, -2.55178	
	Pub	The Chequers, 63 Etnam St,	A suitable nearby pub. I have not drunk in there but have driven past it. It is marked	304	ro 3030	9.47	52.22635, -2.73604	

		Leominster	on the map.					
	Lion	The Red Lion, Weobley	A nearby Red Lion pub.	233	ch 595	7.44	52.16173, -2.87592	
	Beacon	The Beacon, Kington (Mike Oldfield)	I went on a golf trip in September 2016 to Kington and right next to the golf club is a house called The Beacon. Mike Oldfield bought this house after the fame of Tubular Bells and became a bit reclusive there. His next album, Hergest Ridge was written and recorded there.	297	fa 6811	7.74	52.21277, -3.03808	One of my pictures, but very similar to this one: http://www.rightmove.co.uk/property-for-sale/property-36802061.html
	Earthworks (Dyke / Quarry)	Offas Dyke	A stunning location on another ancient and famous Dyke.	346	yd 1971	1.12	52.22847, -3.04416	
	Car Park	Kington Golf Club Car Park	A car park of a golf course? Red Lion or what...!	164	ft 5702	1.08	52.21343, -3.03727	
		Hergest Ridge - nothing there	This is the site of the trig point on the top of Hergest Ridge, near an old racecourse.	246	in 152064	2.4	52.19970, -3.08911	
	Raw Spirit		A trail to celebrate Pablo's last Hunt in 2007. Lots of allusions and pointers to that.					

	Distillery	Edradour	The smallest distillery in Scotland, they used to claim. Still a good tagline and a nice whisky.				56.70159, -3.70091	This is not in the rings, but the distillery is shown in the adjacent picture. I blanked out the Edradour name, but it was easy to find. See https://budgettravel.yourdreams.wordpress.com/2015/01/11/scotland-again/
	Brewery	Chiltern Brewery	The produce a nice beer called Monument, after the monument on Coombe Hill.	160	mi 580973	361	51.76707, -0.78051	
	Pub	George and Dragon, Wendover	A town pub in Wendover. I would like to have used the Village Gate in World's End that was part of the treasure trail in the 2007 Hunt, but it has closed. This was the next best one I could find and very close to....	98	ro 544	1.7	51.76325, -0.74133	
	Lion	Red Lion Hotel, Wendover	The Red Lion.....	214	ch 5	0.067235	51.76245, -0.74222	
	Beacon	Beacon Hill, Bucks	The only location that is used in TWO sets of rings - this page and also page 1	245	fa 2024	2.3	51.74841, -0.79087	
	Earthworks (Dyke / Quarry)	Cross Dyke	A nearby ancient dyke marked as such on the OS map.	246	yd 662	0.376	51.74622, -0.79888	

	Car Park	Coombe Hill Car Park	The car park near the top of Coombe Hill.	84	ft 7075	1.34	51.74822, -0.76789	
		ATH 2007 Treasure Site - Red Lion card	The actual site could not be found any more, so I went to the bench closest to that point.	298	in 13116	0.207	51.74964, -0.77213	
Surface Detail			Yet another Red Lion trail, this time to the Pablo hunt of 1988.					
	Distillery	Talisker	This is the only distillery on the Isle of Skye. Lots of good whiskies produced by them.				57.30170, -6.35676	
	Brewery	Verulam Brewery, St Albans	A micro-brewery in a pub (The Farmer's Boy) local to the St Albans offices in Grosvenor Road that we have now vacated. But chosen for Chris Andrews.	147	mi 730642	454	51.74876, -0.33398	One of my pictures, but very similar to this one: http://www.beerintneevening.com/pubs/s/17/1783/Farmers_Boy/St_Alban
	Pub	Elephant and Castle Pub, Amwell, Herts	Marked as pub on the OS map and in the right direction for the treasure site.	15	ro 1296	4.05	51.80505, -0.30816	
	Lion	The Red Lion, Digswell, WGC, Herts	A Red lion pub just off the A1(M) near the treasure site.	81	ch 285	3.56	51.81265, -0.22609	
	Beacon	Bury Lane Sports Field Jubilee Beacon, Codicote,	Another Jubilee Beacon	352	fa 2596	2.95	51.85487, -0.23563	

		Herts						
	Earthworks (Dyke / Quarry)	Devil's Dyke, Wheathampstead, Herts	A point on the Devil's Dyke, a nearby ancient earthwork.	213	yd 6917	3.93	51.80721, -0.28564	
	Car Park	Ayot Green Car Park, Herts	A small car park found on the map.	76	ft 12989	2.46	51.81561, -0.22980	
		ATH Treasure Site 1988 - Red Lion card	A Red Lion site. Again the exact site could not be found, so I approximated the position.	6	in 22746	0.359	51.82077, -0.22887	
The Hydrogen Sonata			Another Scottish Red Lion trail.					
	Distillery	Glenmorangie	Another famous whisky that HAD to be represented. The sixteen men of Tain.				57.82664, -4.07811	
	Brewery	Black Isle Brewery, Invernesshire	A suitable nearby brewery. The OS and Google disagree about the location. Streetview shows that the brewery has buildings at both locations, which are about half a mile apart. Points were awarded to teams who identified both, and worked out that the OS location was the one needed to make the hop to the Old Bridge Inn work correctly [number, points].	200	ro 7008	21.9	57.53096, -4.28791	
	Pub	The Old Bridge Inn, Aviemore, Highland	A traveller's pub in Aviemore.	144	fu 236	29.5	57.18380, -3.83046	

	Lion	Balmoral Castle, Aberdeenshire (Royal Standard of Scotland Red Lion)	A good Red Lion. I have explained before that the Red Lion is not a good pub name in Scotland. However, the tradition is that the Red Lion represents the Royal Standard of Scotland (see https://en.wikipedia.org/wiki/Royal Banner of Scotland). The Royal Standard of Scotland is used officially at Scottish royal residences, when the monarch is not in residence.	113	ch 1968	24.6	57.04067, -3.23183	I took this image from Pinterest: https://www.pinterest.com/pin/38745037417277550/
	Beacon	Chanonry Point Lighthouse beacon, Highland	Again, beacons were hard to find in Scotland, so I chose an offshore lighthouse beacon. This one at Chanonry Point. http://www.rampantscotland.com/lighthouses/lighthouses_chanonry.htm	318	fa 43120	49	57.57407, -4.09285	
	Earthworks (Dyke / Quarry)	The town of Dyke, Morayshire, Scotland	A whole village this time! Easy to find or what!	82	yd 26400	15	57.60391, -3.69388	
	Car Park	Brodie Castle Car Park, near Forres, Scotland	A car park for a local tourist attraction, Brodie Castle.	227	ft 3305	0.626	57.59776, -3.70623	
		Rodney's Stone - nothing there	...and a short walk from that car park, an ancient Celtic stone.	93	in 12165	0.192	57.59757, -3.70108	https://en.wikipedia.org/wiki/Rodney%27s_Stone

The Quarry			A secondary treasure trail. With a theme of Whisky and Beer, and also the subject of Iain Banks' last book (all about a hidden VHS videotape), I had to put something in Devon at Beer. I also remembered Dave Harding living in Devon, so I wanted to put something in that county in memory of him.					
	Distillery	St Georges, Norfolk	The Best English Distillery, IMHO. I also thought of using Penderyn in Wales but this one won out as I am English.				52.45103, 0.91512	My own pictures of the outside and inside of the distillery near Thetford, Norfolk. Also see: https://www.englishwhisky.co.uk/
	Brewery	Otter Brewery, Luppitt	My local brewery in Devon (I have a flat in Ottery St Mary).	238	mi 333134	207	50.86689, -3.16775	
	Pub	The Hare and Hounds, Putts Corner	A suitable nearby pub. I have not drunk in there but have driven past it. It is marked on the map.	194	ro 2464	7.7	50.75917, -3.21246	
	Lion	The Golden Lion, Tipton St John	A good local gastropub that I have eaten and drunk in several times.	229	ch 350	4.38	50.71821, -3.28853	
	Beacon	Beacon Hill, above Tipton St John	These beacons were put in place so as to send warnings to London from Plymouth that the Armada were in view. This is simply the best view over Sidmouth.	111	fa 1197	1.36	50.71112, -3.25972	

	Earthworks (Dyke / Quarry)	Beer Quarry Caves	A wonderful set of caves in the town of Beer.	97	yd 11352	6.45	50.69891, -3.11401	
	Car Park	Car Park South of Beer	On the hillside SW of the town.	112	ft 4763	0.902083	50.69391, -3.09503	
		Beer Head - false treasure (VHS)	I hid here a VHS tape in a VHS box holding a message based on The Quarry book. I will put the video up on the website somehow later on, along with videos of the actual treasure locations.	183	in 28956	0.457008	50.68571, -3.09652	

For the actual treasure tickets, I filled in each of the rings with pictures showing the actual location. That was what I really wanted people to do – fill in the rings with actual pictures of the appropriate locations. Nobody did this - shame.

Try these as examples.

For the main treasure:

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Ticket Number : 1



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Ticket Number : 1



And for the Beer treasure:

I have not filled in the rest of the rings – I might do for the final version of these answers (that published with the results).

So where were the actual Treasures?

The main Whisky Treasure was hidden on the Ridgeway National Trail at **Pitstone Hill** at the end of the car park, hidden in the red trough shown in the picture on the Poster. The treasure was a miniature bottle of Glenfiddich whisky inside a larger Glenfiddich container.

The secondary Beer treasure was hidden on the South West Coast Path National Trail just north of Beer Head in Devon. It was hidden attached to a loose fence post inside a gorse bush as shown in the picture on Page 16 of the Hunt. It consisted of a VHS Video explaining the location of the treasure and its relation to the final Iain Banks novel, *The Quarry*. But this was a secondary treasure – the main one was the Whisky at Pitstone Hill.

A good picture of the view from the site:



I have made videos of the two sites and I'll arrange for those to be published with the results, along with a copy of the VHS video that was hidden at Beer.

I do hope that you enjoyed this Hunt. Roger and I certainly enjoyed setting it!

...AND FINALLY....

We would like to invite you all to an evening's drinking session at a time and place to be announced – keep an eye on the answers document, the Facebook page and the PablosATH.com website. It will be in late February and in central London somewhere. You can roast us there and swap tales. We hope to see you then.

Steve and Roger