

THE  
BIGGEST EVER IQ  
TEST PRACTICE BOOK

# THE ULTIMATE IQ TEST BOOK



**1,000 Practice Test Questions to Boost your Brain Power**

**PHILIP CARTER & KEN RUSSELL**

THE  
ULTIMATE  
IQ  
TEST BOOK

**PHILIP CARTER & KEN RUSSELL**



London & Philadelphia

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# Introduction

Of the different methods that purport to measure intelligence, the most famous is the IQ (Intelligence Quotient) test, which is a standardized test designed to measure human intelligence as distinct from attainments.

Intelligence quotient is an age-related measure of intelligence level. The word quotient means the result of dividing one quantity by another, and one definition of intelligence is mental ability or quickness of mind.

Usually, IQ tests consist of a graded series of tasks, each of which has been standardized with a large representative population of individuals in order to establish an average IQ of 100 for each test.

It is generally accepted that a person's mental ability develops at a constant rate until about the age of 13, after which development has been shown to slow down, and beyond the age of 18 little or no improvement is found.

When the IQ of a child is measured, the subject attempts an IQ test that has been standardized, with an average score recorded for each age group. Thus a 10-year-old child who scored the result that would be expected of a 12-year-old would have an IQ of 120, or  $12 / 10 \times 100$ :

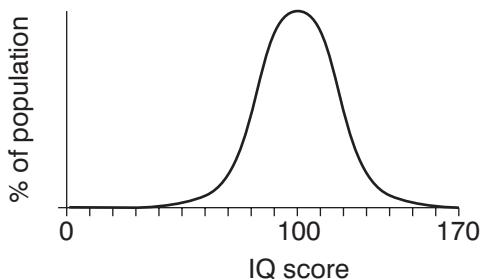
$$\frac{\text{mental age (12)}}{\text{chronological age (10)}} \times 100 = 120 \text{ IQ}$$

Because after the age of 18 little or no improvement is found, adults have to be judged on an IQ test whose average score is 100, and the results graded above and below this norm according to known test scores.

Like so many distributions found in nature, the distribution of IQ takes the form of a fairly regular bell curve (see Figure 0.1 below) in which the average score is 100 and similar proportions occur both above and below this norm.

There are a number of different types of intelligence tests, for example Cattell, Stanford-Binet and Wechsler, and each has its own different scales of intelligence.

The Stanford-Binet is heavily weighted with questions involving verbal abilities and is widely used in the United States. The Weschler scales consist of two separate



**Figure 0.1** The bell curve

verbal and performance sub-scales each with its own IQ rating. On the Stanford-Binet scale half the population fall between 90 and 110 IQ, half of them above 100 and half of them below; 25 per cent score above 110; 11 per cent above 120; 3 per cent above 130 and 0.6 per cent above 140. At the other end of the scale the same kind of proportion occurs.

Although it is IQ tests that we are specifically concerned with in this book it should be pointed out that IQ tests are just one part of what is generally referred to as psychometric testing. Such test content may be addressed to almost any aspect of our intellectual or emotional make-up, including personality, attitude, intelligence or emotion. Psychometric tests are basically tools used for measuring the mind; the word metric means *measure* and the word psycho means *mind*. There are two types of psychometric tests that are usually used in tandem by employers. These are aptitude tests, which assess your abilities, and personality questionnaires, which assess your character and personality.

Aptitude tests are also known as cognitive, ability or intelligence (IQ) tests. Such tests are designed to test your ability to comprehend quickly under strictly timed conditions. Cognition may be broadly defined as knowing, perceiving and thinking and it is studied by psychologists because it reveals the extent of a person's ability to think.

There are many different types of tests. However, a typical test might consist of three sections each testing a different ability, usually comprising verbal reasoning, numerical ability and diagrammatic, or spatial, reasoning. In order to give you the opportunity to practise all types of questions that you are likely to encounter in actual IQ tests, the tests that have been compiled for this book are multi-discipline and include a mix of verbal, numerical and diagrammatic questions, as well as additional questions involving logical thought processes as well as a degree of lateral thinking.

In the past 25 years psychometric testing has been brought into widespread use in industry because of the need for employers to ensure they place the right people in the right job at the outset. One of the main reasons for this is the high cost of errors in today's world of tight budgets and reduced profit margins. To recruit a new member of staff an employer has to advertise, consider each application, reduce the applicants to a shortlist, interview and then train the successful applicant. If the wrong hiring choice has been made, then the whole expensive process has to be repeated.

It is important that such tests are evaluated in tandem with each other. If a person scores well on an aptitude test it does not necessarily mean that they will be suited to the job: whilst you may be good at doing something, you may dislike it intensely, and **success in most tasks is heavily dependent on your personal qualities and your attitude.**

Although it is generally accepted that a person's IQ remains constant throughout life and therefore it is not possible to increase your actual IQ, it is possible to improve your performance on IQ tests by practising the many different types of question and learning to recognize the recurring themes.

Besides their uses in improving one's performance on IQ tests, practice on the type of questions contained in this book has the added advantage of exercising the brain. Our brains need exercise and care in the same way as other parts of the body. We eat the right foods to keep our heart healthy, we moisturise our skin to keep it from drying out and, just as gymnasts strive to increase their performance at whatever level they are competing by means of punishing training schedules and refinement of technique, there are exercises, or mental gymnastics, we can do to increase the performance of our brains and enhance quickness of thought.

Many people still have the outdated belief that there is little they can do to improve the brain they are born with and that brain cells continually degenerate with age: but, in fact, our brain cells continually develop new and stronger connections and adult brains can grow new cells irrespective of age.

The main thing is to use your brain continually. For example, the more we practise at tests of verbal aptitude the more we increase our ability to understand the meaning of words and use them effectively; the more we practise at maths the more confident we become when working with numbers, the better our ability to perform arithmetic operations accurately, and the quicker we become at performing these operations; and the more we practise our ability to move our fingers and manipulate small objects the more dexterous we become at operations involving this type of aptitude, and the quicker we become at performing them accurately.

The tests that follow have been compiled for this book and are not, therefore, standardized, so an actual IQ assessment cannot be given. However, a guide to assessing your performance for each test is provided below as well as a cumulative guide for your overall performance on all 25 tests.

A time limit of 90 minutes is allowed for each test. The correct answers are given at the end of the book, and you should award yourself one point for each completely correct answer. Calculators may be used to assist with solving numerical questions if preferred.

Use the following table to assess your performance in each of the 25 tests:

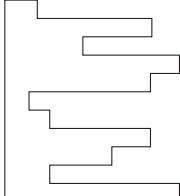
#### **One test:**

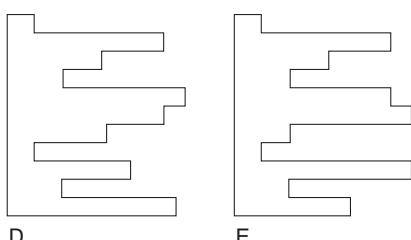
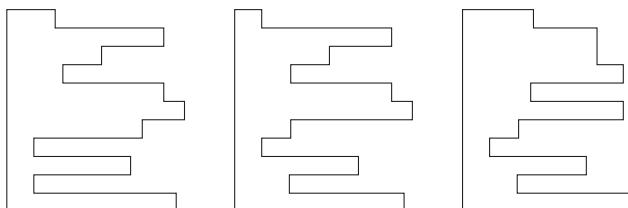
<i>Score</i>	<i>Rating</i>
36–40	Exceptional
31–35	Excellent
25–30	Very good
19–24	Good
14–18	Average

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# Test One: Questions

1.  Which piece below, when fitted into the piece on the left, will form a perfect square?



2. Which word in brackets is most opposite to the word in capitals?

PROSCRIBE (**allow**, stifle, promote, verify, indict)

3. 0, 1, 2, 4, 6, 9, 12, 16, ?    **20**

What number should replace the question mark?

4. Which number is the odd one out?

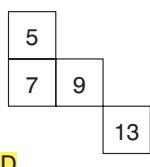
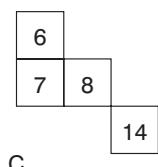
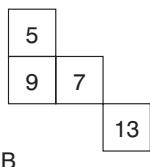
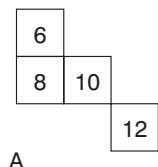
9678 4572 5261 5133 **3527** 6895 7768

5. Isotherm is to temperature as isobar is to: atmosphere, wind, pressure, latitude, current

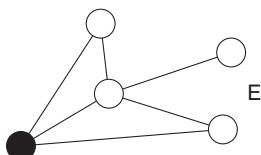
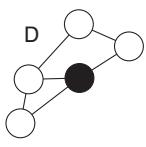
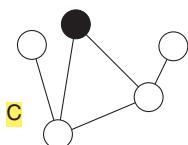
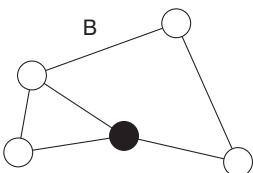
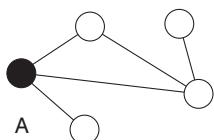
6.

1	2	4	7
4	?	7	10
6	?	?	12
7	8	10	?

Which is the missing section?



7. Which is the odd one out?

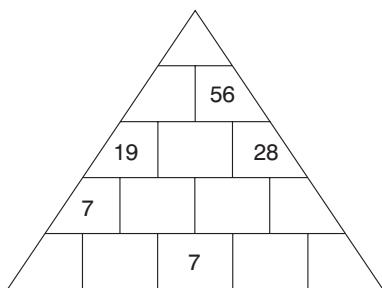


8. Identify two words (one from each set of brackets) that have a connection (analogy) with the words in capitals and relate to them in the same way.

GRAM (energy, weight, scales)

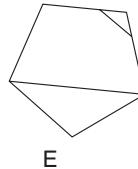
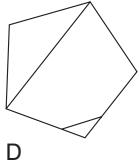
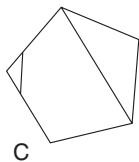
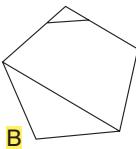
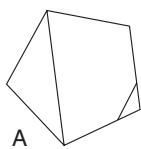
KNOT (water, rope, speed)

9.



Each number in the pyramid is the sum of the two numbers immediately below it. Fill in the pyramid with the missing numbers.

10. Which is the odd one out?



11. How many minutes is it before 12 noon, if 48 minutes ago it was twice as many minutes past 9 am?

12. Complete the five words below in such a way that the two letters that end the first word also start the second word, and the two letters that end the second word also start the third word etc. The same two letters that end the fifth word also start the first word, to complete the cycle.

\*\* IV \*\*

\*\* OT \*\*

\*\* IC \*\*

\*\* NG \*\*

\*\* RA \*\*

13. Which is the odd one out?  
heptagon, triangle, hexagon, cube, pentagon
14. Switch A turns lights 1 and 2 on / off or off / on  
Switch B turns lights 2 and 4 on / off or off / on  
Switch C turns lights 1 and 3 on / off or off / on

 = ON

 = OFF

Switches C, A and B are thrown in turn with the result that Figure 1 turns into Figure 2. Which switch does not work at all?

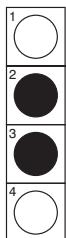


Figure 1

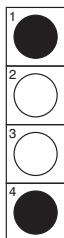


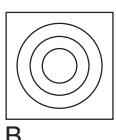
Figure 2

- 15.
- |  |  |  |
|--|--|--|
|  |  |  |
|  |  |  |
|  |  |  |

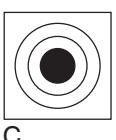
Which is the missing tile?



A



B



C



D



E

16. Which word in brackets is closest in meaning to the word in capitals?  
BRUNT (dull, edifice, impact, tawny, nonsense)

17. Which of the following is not an anagram of a type of food?

PAST EIGHT

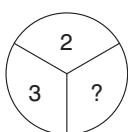
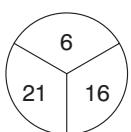
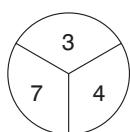
I CAN ROAM

WIN BOAR

CAN PEAK

COOL CHEAT

18.



4

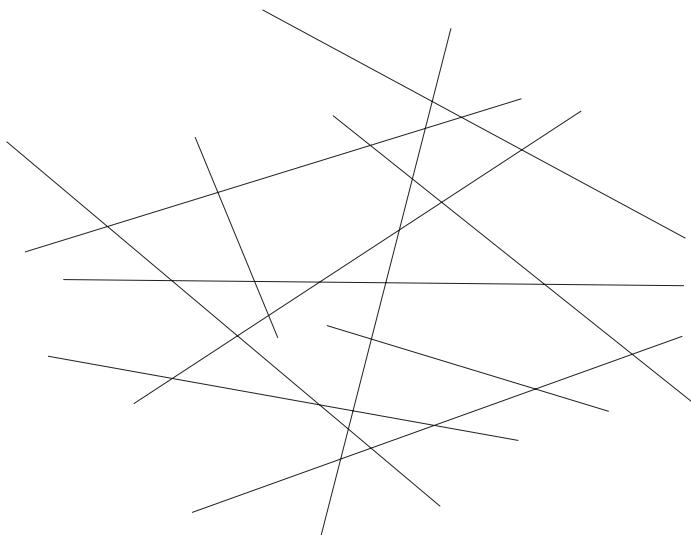
What number should replace the question mark?

19.

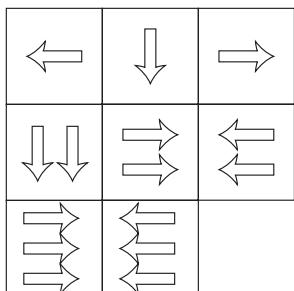
N	O	I	
A	R	O	S
L		F	E

Work from square to adjacent square horizontally or vertically (but not diagonally) to spell out a 12-letter word. You must find the starting point, and provide the missing letters.

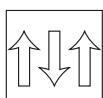
20. How many lines appear below?



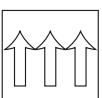
21.



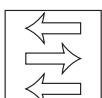
Which is the missing tile?



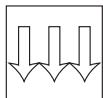
A



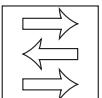
B



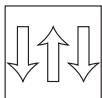
C



D



E

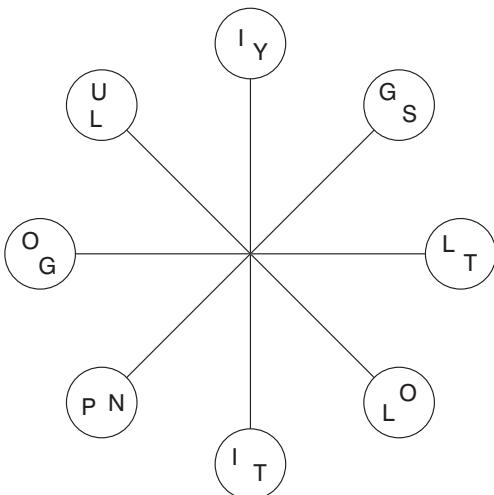


F

22.  $6\frac{7}{8}, 2\frac{9}{16}, 5\frac{5}{8}, 3\frac{3}{16}, 4\frac{3}{8}, ?$ 

What number should replace the question mark?

23.



Work clockwise round the circles to spell out two eight-letter words that are synonyms. Each word commences in a different circle, and you must find the starting point of each. Every letter is used once each and all letters are consecutive.

24. 10, 30, 32, 96, 98, 294, 296, ?, ?

What two numbers should replace the question marks?

25. able, rot, son, king

Which word below shares a common feature with all the words above?

line, sit, take, hope, night

26. Identify two words (one from each set of brackets) that have a connection (analogy) with the words in capitals and relate to them in the same way.

SEA (wet, swimmer, ship)

SNOW (mountain, ice, skier)

27. Which word meaning LOCALITY becomes a word meaning TEMPO when a letter is removed?

28. Alf has four times as many as Jim, and Jim has three times as many as Sid. Altogether they have 192. How many has each?

29. Which is the only one of the following that is not an anagram of a word meaning *out of this world*?

flow under

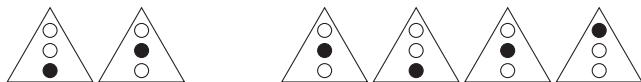
sexed Utah

enviable blue

icier blend

30. A man has 53 socks in his drawer: 21 identical blue, 15 identical black and 17 identical red. The lights are fused and he is completely in the dark. How many socks must he take out to make 100 per cent certain he has a pair of black socks?

- 31.



Draw the missing figure in the above sequence.

32. How many minutes is it before 12 noon if nine minutes ago it was twice as many minutes past 10 am?

33. Which two words are closest in meaning?

conclave, medley, theme, conglomeration, dissertation, augury

34. broke rage prose cute dared ?

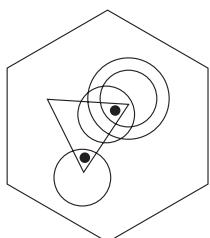
Which word is missing?

palm hymn evil snow take

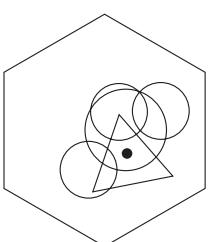
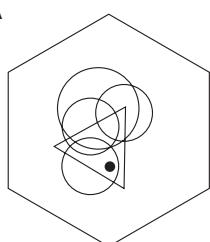
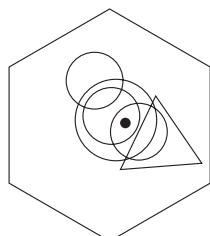
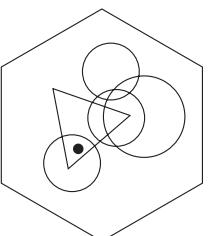
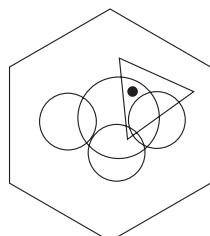
35. Find five consecutive numbers below that total 22.

7 3 9 6 4 1 3 7 9 3 5 4 1 7 6 5

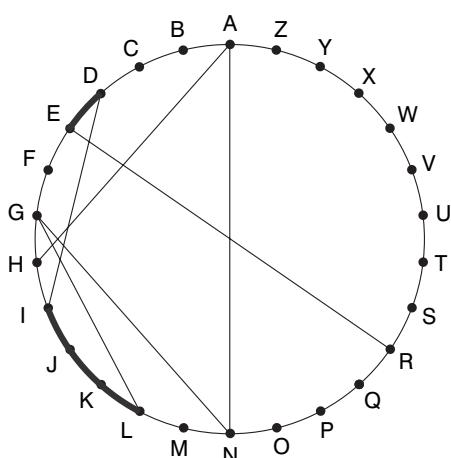
36.



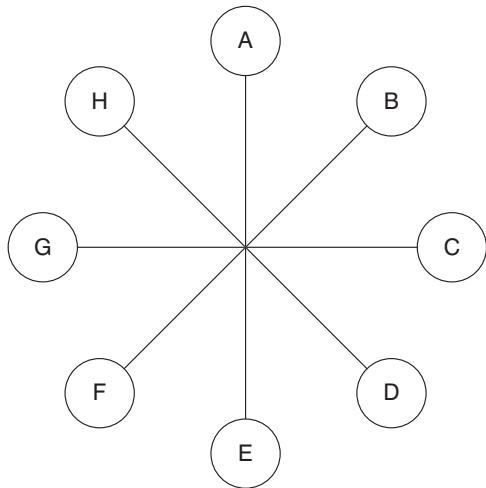
To which hexagon below can a dot be added so that both dots then meet the same conditions as the two dots in the hexagon above?



37. Find two words (4, 6) in this diagram. Letters are traced across the circle by chords. If the next letter is four letters or less away it will be found by tracing around the circumference. Clue: free flight.

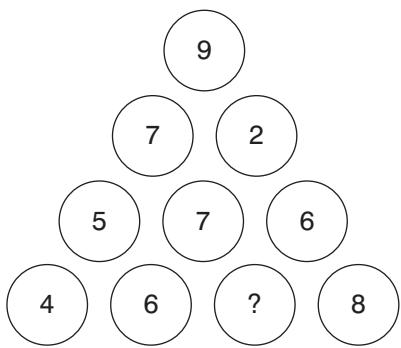


38.



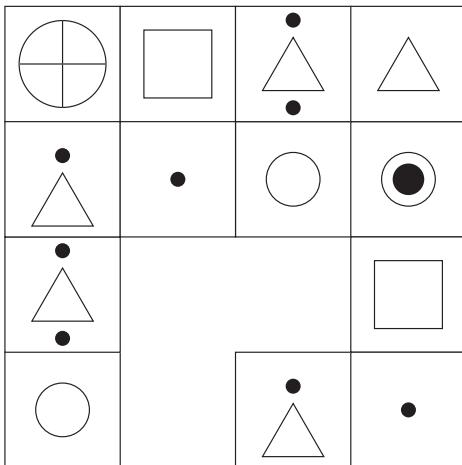
What letter is directly opposite the letter that is two letters away clockwise from the letter that is directly opposite the letter E?

39.

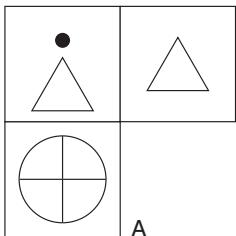


What number should replace the question mark?

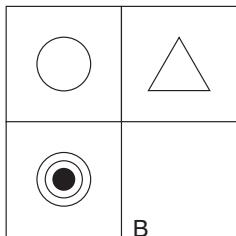
40.



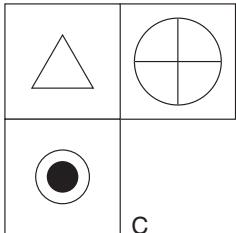
Which is the missing section?



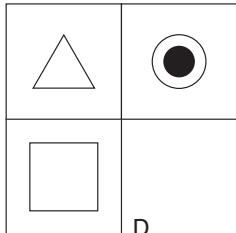
A



B



C

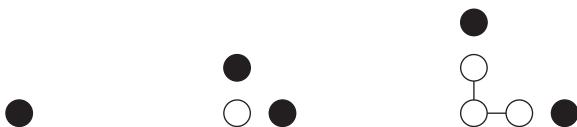


D

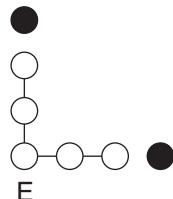
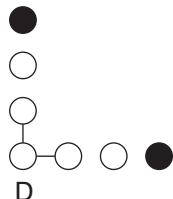
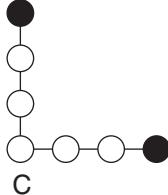
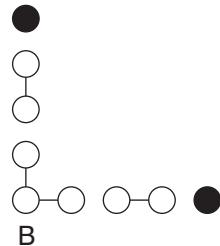
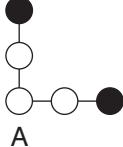
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# Test Two: Questions

1.



What comes next?



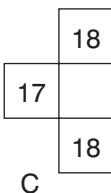
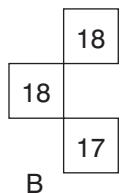
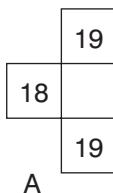
2. Which four-letter word, when placed in the brackets, will complete a word on the left and start another word on the right?

RAM (\*\*\*\*) RIDGE

3.

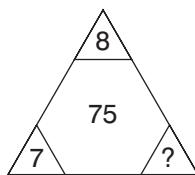
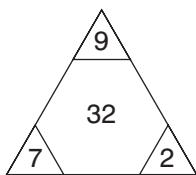
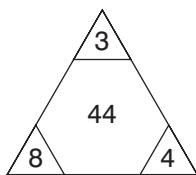
20	22	19	21
17	19	16	?
19	21	?	20
16	18	15	?

Which is the missing section?



4. ligno- is to wood as vitro- is to wool, glass, stone, water, paper?

5.



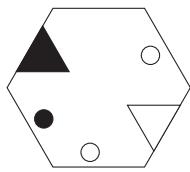
What number should replace the question mark?

6. Solve the anagrams to find a well-known saying. The number of letters in each word is shown.

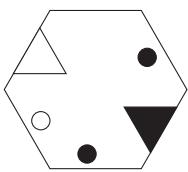
(\*\*\*\* \* \* \*\*\*\*\*)(\*\*\*\* \* \* \* \* \*)

(asserting craft)(hint of antic)

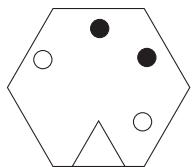
7.



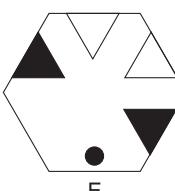
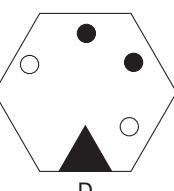
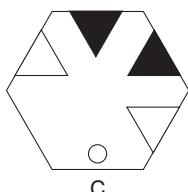
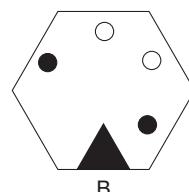
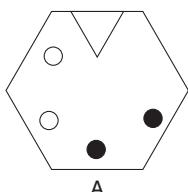
is to:



as



is to:



8. 0, 4, 2, 6, 3, 7, 3.5, ?

What number should replace the question mark?

9. Identify two words (one from each set of brackets) that have a connection (analogy) with the words in capitals and relate to them in the same way.

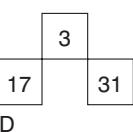
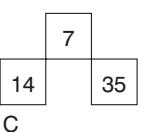
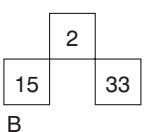
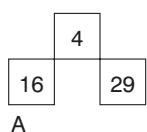
LONGITUDE (degree, tropics, meridian)

LATITUDE (parallel, line, equinox)

10.

5	2	3	10
6	4	1	11
1	9	?	12
12	?	6	?

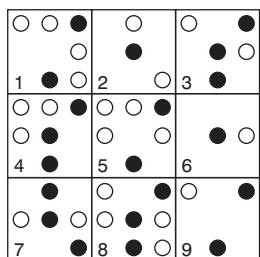
Which is the missing section?



11. Which word in brackets is closest in meaning to the word in capitals?

MONITOR (observe, order, meddle, intrude, conclude)

12.



Looking at lines across and down, if the first two tiles are combined to produce the third tile, with the exception that like symbols are cancelled out, which of the above tiles is incorrect, and with which of the tiles below should it be replaced?



A



B



C



D

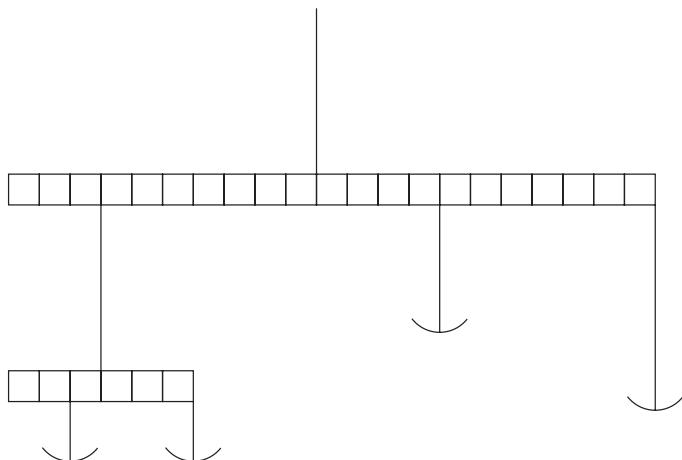


E

13. Which two words are most opposite in meaning?

liberty, frivolity, chastity, sobriety, irrationality, polarity

14.

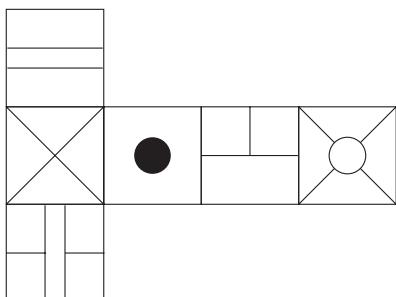


Insert four weights of 2 units, 3 units, 4 units and 6 units respectively so that the scales balance perfectly.

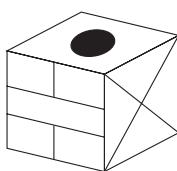
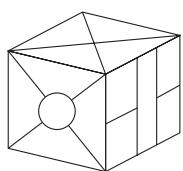
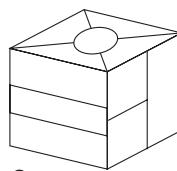
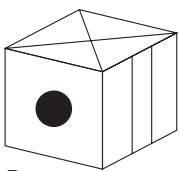
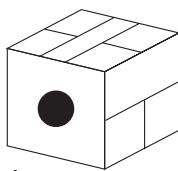
15. The following clue leads to which pair of rhyming words?

measure bulk of grass fodder

16.



When the above is folded to form a cube, which is the only one of the following that *can* be produced?

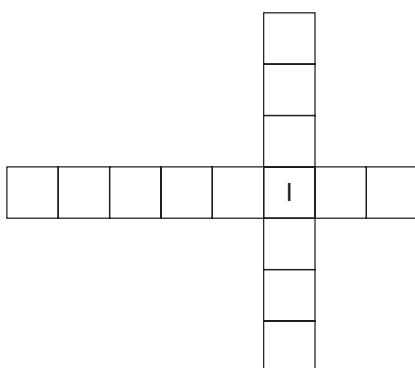


17. Which is the odd one out?

femur, mandible, fibula, tibia, patella

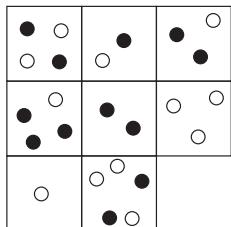
18. My watch was correct at noon, after which it started to lose 17 minutes per hour until six hours ago it stopped completely. It now shows the time as 2.52 pm. What time is it now?

19.



Insert all the letters of the phrase UNSPOILT LOCAL into the remaining blank spaces once each only, to produce two words that form a phrase. Clue: things are not always what they appear.

20.



Which is the missing tile?



A



B



C



D



E

21.



What comes next?



A



B



C



D



E



F



G



H

22. *dopiness, uncloaking, dishwasher*

Which word below has a feature in common with all the words above?

*gallant, crossfire, whirlwind, assault*

23. 1, 101, 15, 4, 29, -93, 43, -190, ?

What number should replace the question mark?

24.

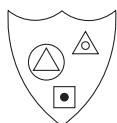
A	B	C	D	E	
F	G	H	I	J	
K	L	M	N	O	
P	Q	R	S	T	
U	V	W	X	Y	Z

What letter is two letters above the letter two letters to the left of the letter immediately above the letter three letters to the right of the letter Q?

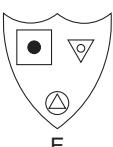
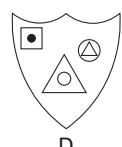
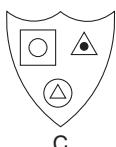
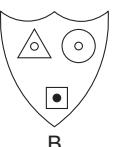
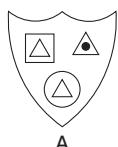
25. 15, 5, 8, 24, 21, 7, 10, 30, ?, ?, ?, 36, 33

What three numbers are missing?

- 26.



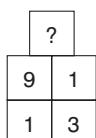
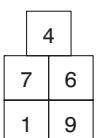
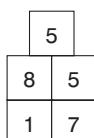
Which shield below has most in common with the shield above?



27. Using the four letters below only, create a seven-letter word.

UMNI

- 28.



What number should replace the question mark?

29. Switch A turns lights 1 and 2 on/off or off/on  
 Switch B turns lights 2 and 4 on/off or off/on  
 Switch C turns lights 1 and 3 on/off or off/on  
 Switch D turns lights 3 and 4 on/off or off/on

= ON

= OFF

Switches D, C, A and B are thrown in turn with the result that Figure 1 turns into Figure 2. Which switch does not work at all?

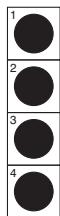


Figure 1

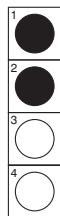
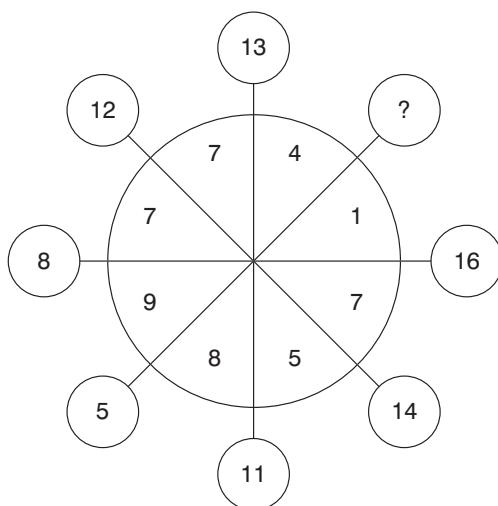


Figure 2

30. Which word in brackets is closest in meaning to the word in capitals?

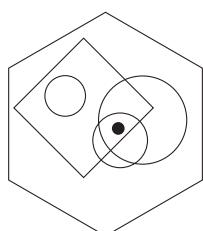
FUSE (muzzle, explode, coalesce, immobilize, tighten)

31.

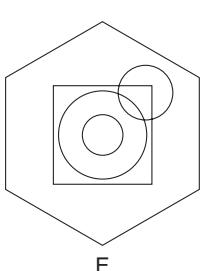
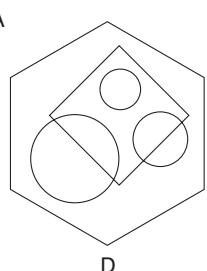
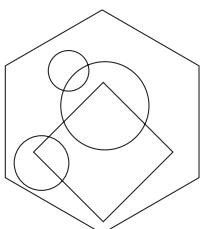
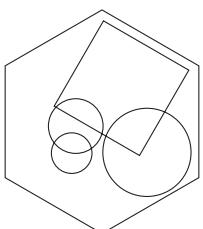
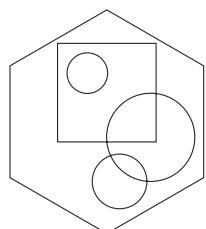


What number should replace the question mark?

32.



To which hexagon below can a dot be added so that it then meets the same conditions as in the hexagon above?



33. You have 59 cubic blocks. What is the minimum number that needs to be taken away in order to construct a solid cube with none left over?
34. What word meaning DEDUCE becomes a word meaning PROPEL when a letter is removed?

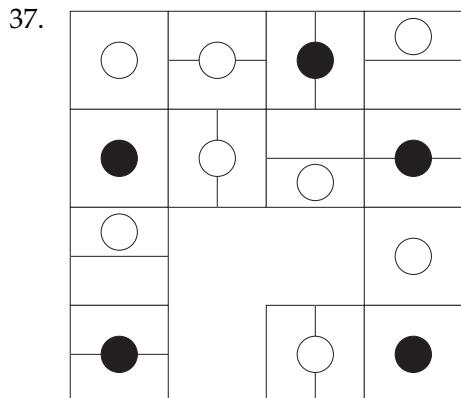
35. 



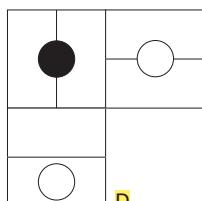
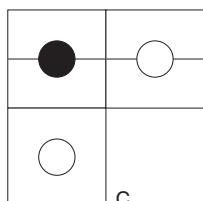
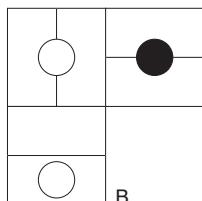
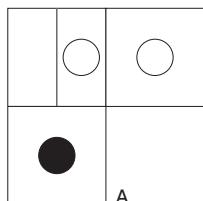


What number should replace the question mark?

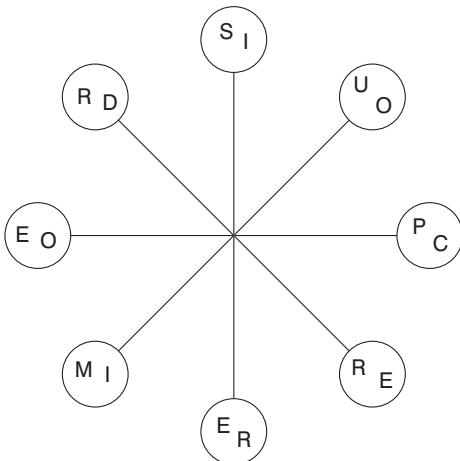
36. What is the longest word in the English language that can be produced from the set of letters below? Letters may only be used once in the word produced.  
FEUMOPXCTW



Which is the missing section?

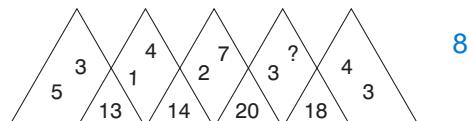


38.



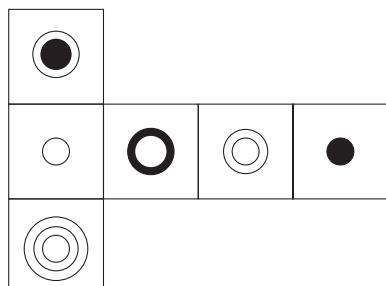
Work clockwise round the circles to spell out two eight-letter words that are antonyms. Each word commences in a different circle, and you must find the starting point of each. Every letter is used once each and all letters are consecutive.

39.

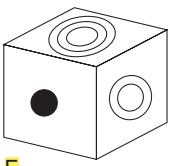
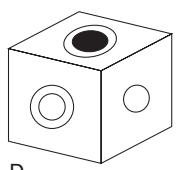
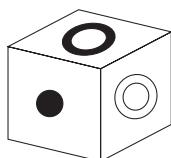
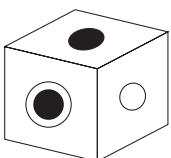
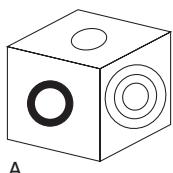


What number should replace the question mark?

40.

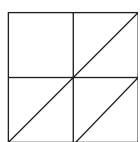
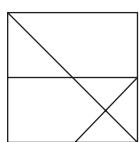
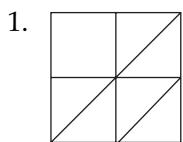


When the above is folded to form a cube, which is the only one of the following that *can* be produced?

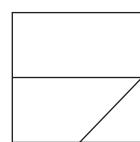


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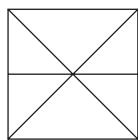
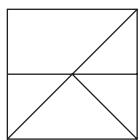
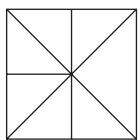
# Test Three: Questions



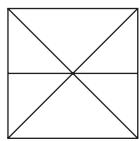
is to:



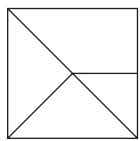
as:



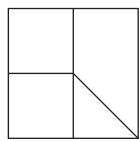
is to:



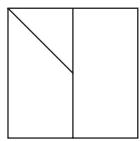
A



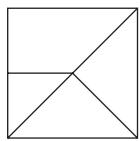
B



C



D



E

2. Which is the odd one out?

cymbal, marimba, vibraphone, trombone, glockenspiel

3. stationary, less, stationery, principal, fewer, principle

Place the words above alongside their correct definition below:

head of school  
fundamental truth  
standing still  
writing materials  
smaller in amount  
smaller in number

4. Which is the odd number out?

462 683 385 198 253 781 594

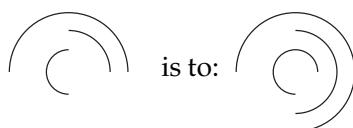
5. PURE AS TUFT is an anagram of which two words that are opposite in meaning?

6.

A	B	C	D	E	
F	G	H	I	J	
K	L	M	N	O	
P	Q	R	S	T	
U	V	W	X	Y	Z

Which letter is midway between the letter two letters below the letter immediately to the left of the letter G, and the letter three letters above the letter immediately to the right of the letter V?

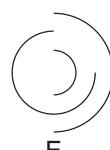
7.



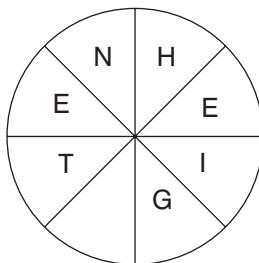
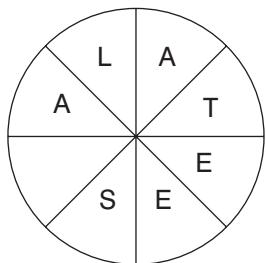
is to:



is to:



8.



Complete two eight-letter words, one in each circle, and both reading clockwise. The words are synonyms. You must find the starting points and provide the missing letters.

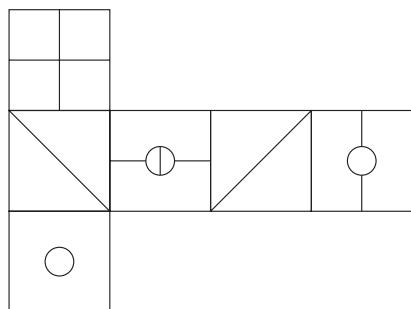
9. 1, 50, 6, 45, 11, 40, 16, 35, 21, ?, ? **30,26**

Which numbers should replace the question marks?

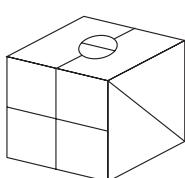
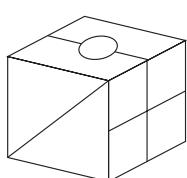
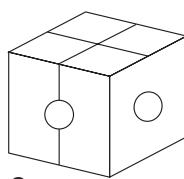
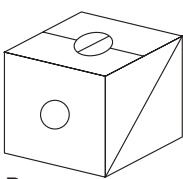
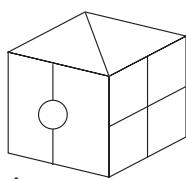
10. Arrange the words below into alphabetical order.

acescence, acetamide, acerbated, acetified, acellular, acescency, acetabula, acerbates

11.



When the above is folded to form a cube, which is the only one of the following that *can* be produced?



A

B

C

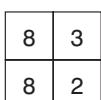
D

E

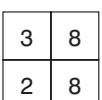
12.

3	9	1	2	8	3
9	?	?	2	1	9
1	?	?	3	9	1
2	1	9	3	8	2
8	3	9	1	2	8
3	8	2	1	9	3

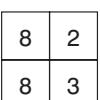
Which is the missing section?



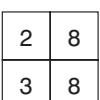
A



B



C

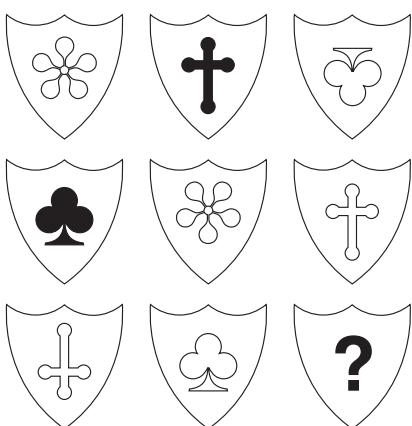


D

13. Solve the anagram in brackets to correctly complete the quotation with a 10-letter word.

'The difference between golf and (torn veg men) is that in golf you cannot improve your lie' George Deukmejian

14.



Which shield should replace the question mark?



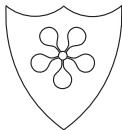
A



B



C

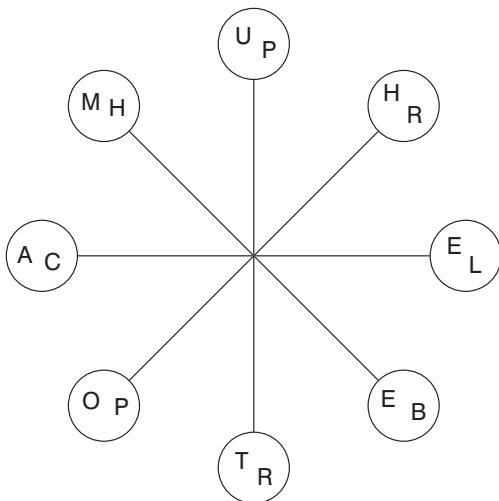


D



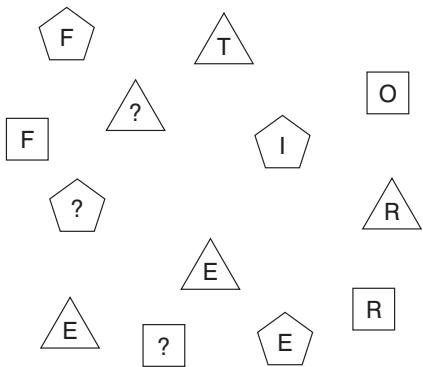
E

15.

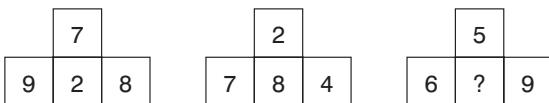


Take one letter from each circle in turn and using each letter once only find two eight-letter words that are similar in meaning. Both words read clockwise and each starts in a different circle.

16. What letters should replace the question marks?



17.

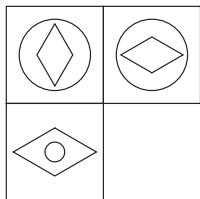


4

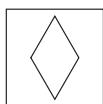
What number should replace the question mark?

18. bizarre is to outlandish as eccentric is to: eerie, quirky, esoteric, weird, curious
19. On taking delivery of a consignment of eggs the market stall owner was furious to find that several were cracked. In fact, on counting them up in order to assess the damage he found that 72 were cracked, which was 12 per cent of the total consignment. How many eggs in total were in the consignment?

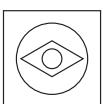
20.



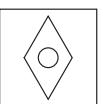
Which is the missing tile?



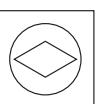
A



B



C



D



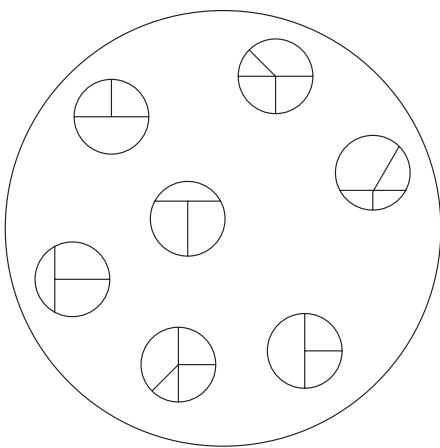
E

21. MTD is to PXB as FRJ is to?

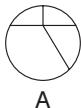
22. A B C D E F G H

What letter is two letters to the left of the letter immediately to the right of the letter three letters to the right of the letter A?

23.



Which circle below should be placed in the large circle above?



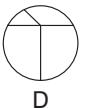
A



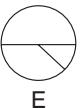
B



C



D



E

24. Using the five letters below only, create a nine-letter word.

LOPER

25. 16, 23, 19, 19, 22, 15, 25, ?      11

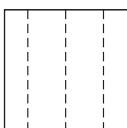
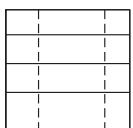
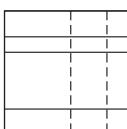
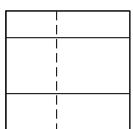
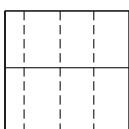
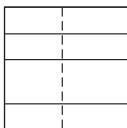
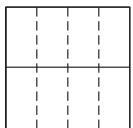
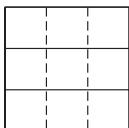
What number should replace the question mark?

26. Simplify:

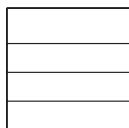
$$\frac{14}{55} \div \frac{56}{77}$$

as the lowest fraction.

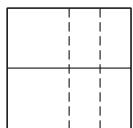
27.



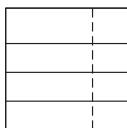
Which is the missing box?



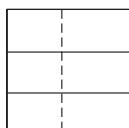
A



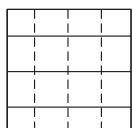
B



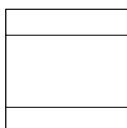
C



D



E



F

28. Which word in brackets is most opposite in meaning to the word in capitals?

PLAUSIBLE (appropriate, improbable, clichéd, artificial, distasteful)

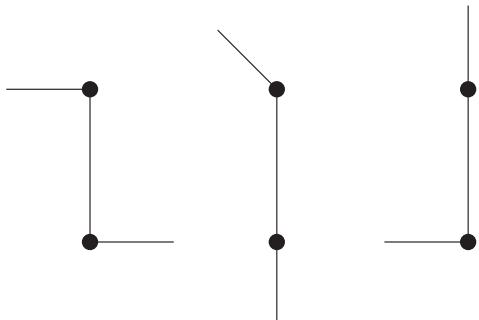
29. The cost of an identical three-course lunch for four people was £56.00. The main course cost twice as much as the sweet and the sweet cost twice as much as the starter. How much did the main course cost per person?

30. aplomb, dodge, graph, jerk, ?

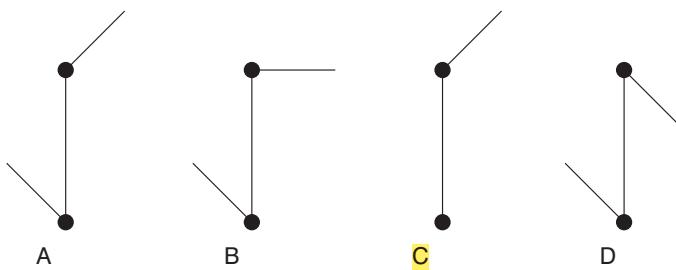
What comes next?

laugh, maroon, link, nickel, midnight

31.



What comes next?



32.

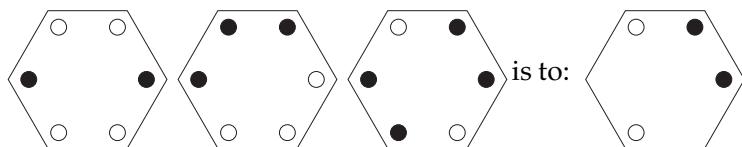
			14	
	22			
			34	
41				
	53		?	

55

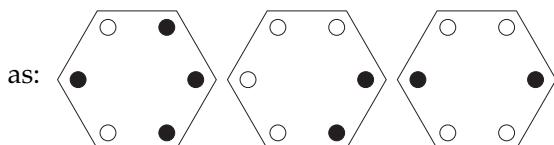
What number should replace the question mark?

33. OVATE GNOME is an anagram of which familiar phrase (3, 1, 4, 2)? Clue: make haste.

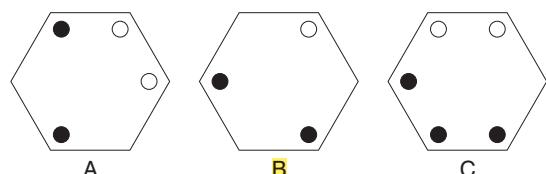
34.



is to:



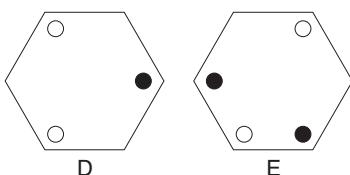
as:



A

B

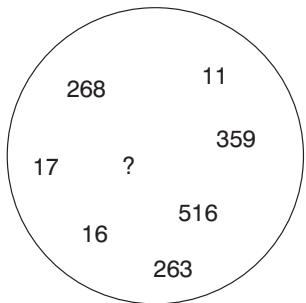
C



D

E

35.



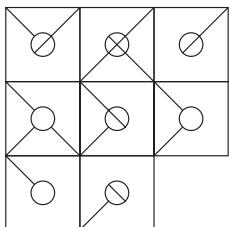
What number should replace the question mark?

36.

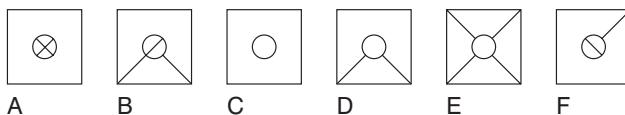
R	I	N		
T	O	G		
N	S	A	S	D
	A	T	E	
T	C	H		

Find the starting point and work from letter to adjacent letter vertically, horizontally and diagonally to spell out a 17-letter phrase (2, 7, 8).

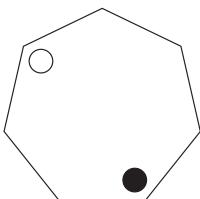
37.



Which is the missing tile?



38.

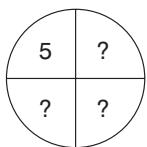
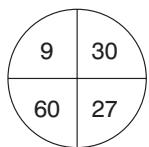
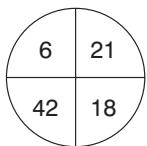
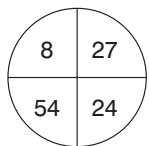


At each stage the black dot moves three corners clockwise and the white dot moves four corners anticlockwise. After how many stages will both dots be together in the same corner?

39. A    A    S    G    P    A    H    A    M  
 R    S    E    E    I    I    U    G    A  
 \*    \*    \*    \*    \*    \*    \*    \*    \*

The name of which reptile can be placed on the bottom row to complete nine three-letter words reading downwards?

40.

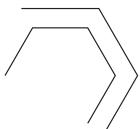
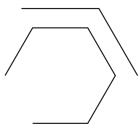
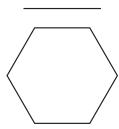


What numbers should replace the question marks?

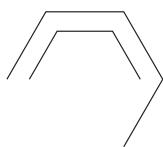
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# Test Four: Questions

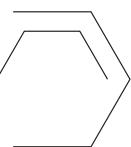
1.



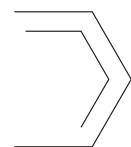
What comes next?



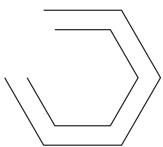
A



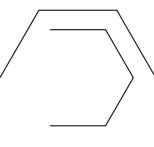
B



C



D



E

2. 100, 97.4, 94.8, ?, 89.6, 87      **92.2**

What number should replace the question mark?

3.

E	A	D
		I
P	A	

Start at one of the four corner letters and spiral clockwise round the perimeter, finishing at the centre letter to spell out a nine-letter word. You must provide the missing letters.

4. Which number is the odd one out?

9654 4832 5945 7642 7963 8216 **3649**       **$a^b=c^d$**

5. Which two words are closest in meaning?

qualified, practicable, puissant, feasible, mundane, fine

6. Identify two words (one from each set of brackets) that have a connection (analogy) with the words in capitals and relate to them in the same way.

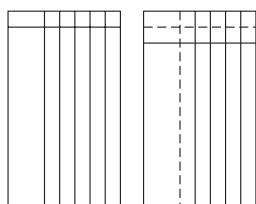
FIRST (second, next, last)

PENULTIMATE (last, third, previous)

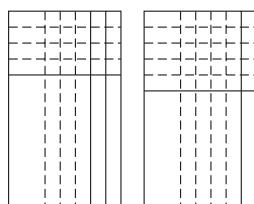
7. Find five consecutive numbers below that total 23.

6 2 9 3 4 **7** 2 9 3 2 6 4 9 1 2

8.



?

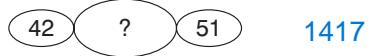


Draw the missing figure in the above sequence.

9. Which word in brackets is most opposite to the word in capitals?

SLEEK (sordid, unimaginative, disorderly, dishevelled, oblique)

10.

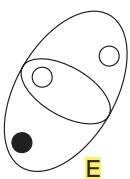
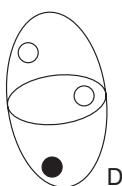
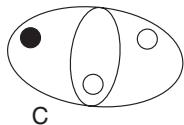
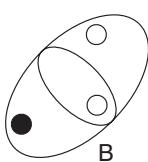
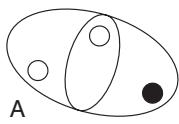


What number should replace the question mark?

11. Change one letter only in each of the words below to produce a familiar phrase.

AND FEEL SO TIE WIRE

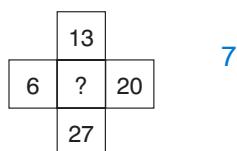
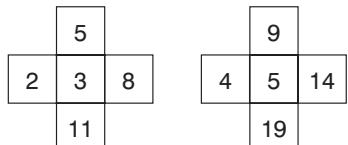
12. Which is the odd one out?



13. Which is the odd one out?

trivet, tributary, triptych, trident, triad

14.



What number should replace the question mark?

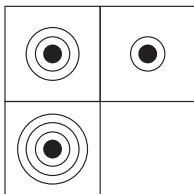
15. 5862 is to 714      7=5+2, 14=8+6

and 3498 is to 1113

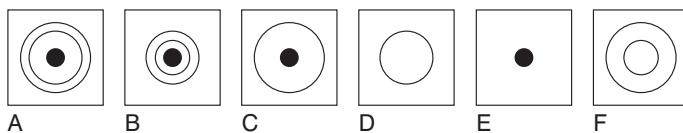
and 9516 is to 156

therefore 8257 is to ? 157

16.

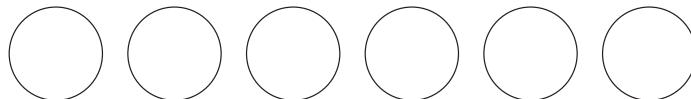


Which is the missing tile?



17. mohair is to wool as shantung is to: silk, cotton, linen, nylon, fabric

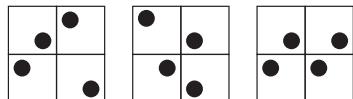
18.



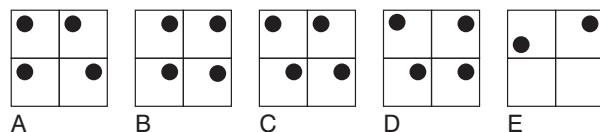
Place the numbers 1–6 into the circles, one number per circle, so that: the sum of the numbers 4 and 1, and all the numbers between them total 12; the sum of the numbers 4 and 6, and all the numbers between them total 21; the sum of the numbers 2 and 1, and all the numbers between them total 8.

19. If meat in a river (3 in 6) is T(HAM)ES, can you find a monkey in a tall building (3 in 10)?

20.



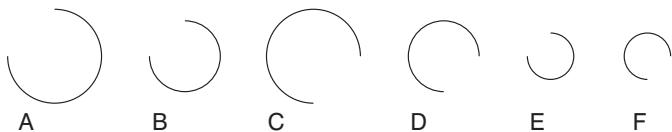
What comes next in the above sequence?



21.



Which arc is missing?



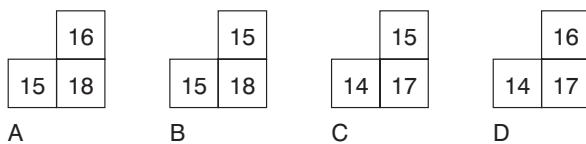
22. Which four bits can be joined together to form two words that have opposite meanings?

ERT, UCE, DES, END, EXP, EAR, AND, SIP, RED, GOS

23.

7	10	13	16
9	12	?	18
11	?	?	20
13	16	19	22

Which is the missing section?



24. Identify two words that sound alike but are spelled differently, which mean:  
a straight line connecting two points on a curve  
rope

25. Find the ages of Mary, George, Alice, Claire and Stephen if:

Mary + George = 33 years between them

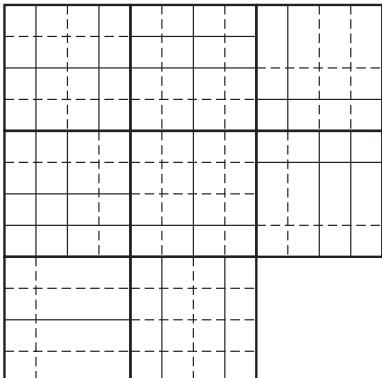
Alice + Claire = 95 years between them

Stephen + Mary = 72 years between them

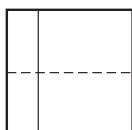
Mary + Claire = 87 years between them

Stephen + George = 73 years between them

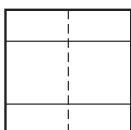
26.



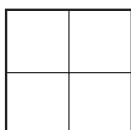
Which is the missing tile?



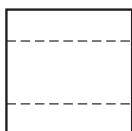
A



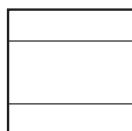
B



C



D



E

27. Using the four letters below only, create a seven-letter word.

CILT

28. 53 (3) 59

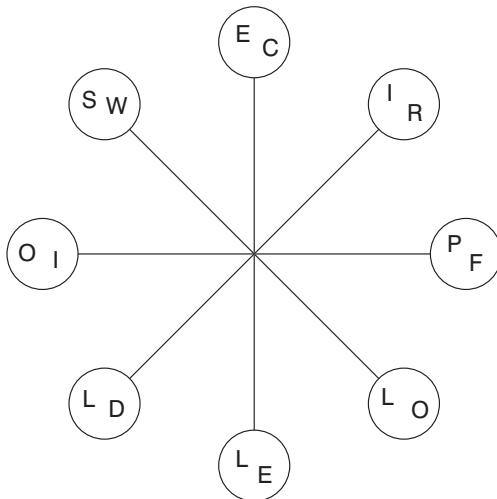
92 (4) 98

34 (2) 38

71 (?) 79

What number should replace the question mark?

29.



Work clockwise round the circles to spell out two eight-letter words that are synonyms. Each word commences in a different circle, and you must find the starting point of each. Every letter is used once each and all letters are consecutive.

30.



Draw the missing figure in the above sequence.

31. abashed, derail, little, ?

What comes next?

mellow, entail, leader, elicit, status

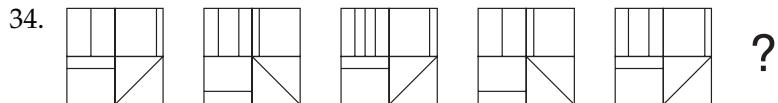
32. Produce an eight-letter word by joining together two of these four-letter sets.

cred, agon, lues, once, deva, some, come, pent

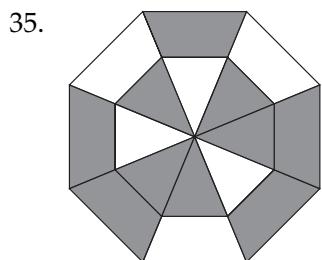
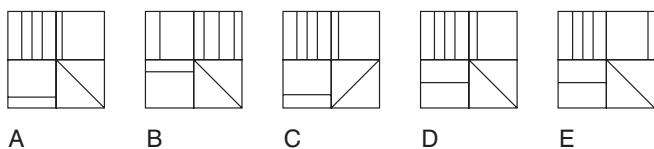
33.

20	14	12	24	33
3	10	16	15	18
17	7	4	8	6
5	1	9	30	36
39	21	13	2	11

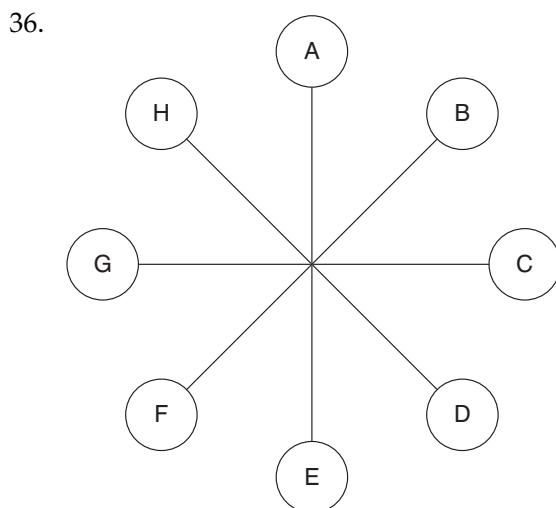
What number is three places away from itself plus three, two places away from itself multiplied by two, two places away from itself less four and two places away from itself divided by three?



What comes next?



What percentage of the figure is shaded?



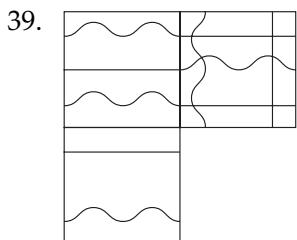
What letter is two letters away clockwise from the letter that is directly opposite the letter three letters away anticlockwise from the letter C?

37.

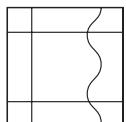
B	E	R
I	E	
	T	A

Spiral clockwise round the perimeter and finish at the centre square to spell out a nine-letter word. You must find the starting point and provide the missing letters.

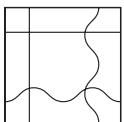
38. What is one-third of one-quarter of one-fifth of one-half of 120?



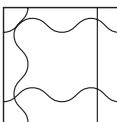
Which is the missing tile?



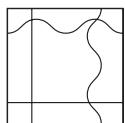
A



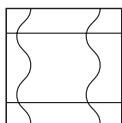
B



C



D



E

40.

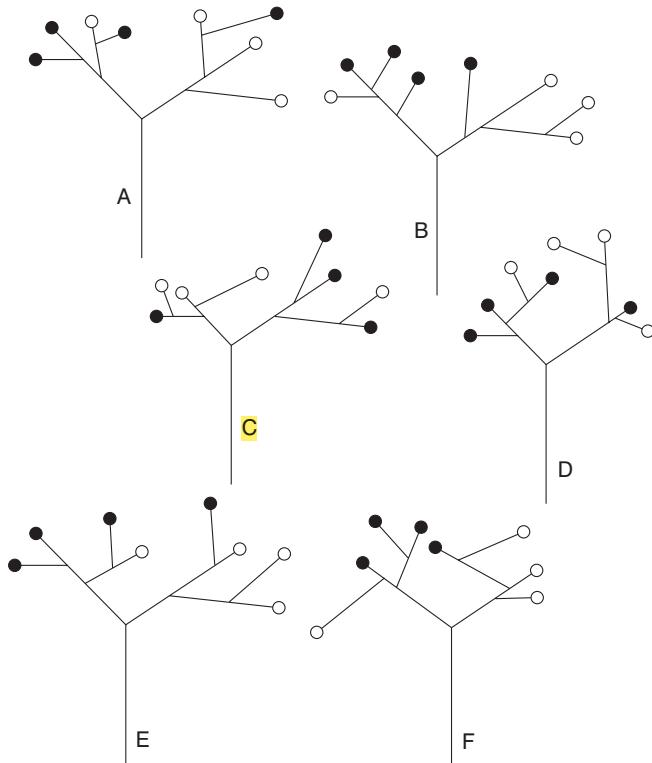
1	10	7	16
28	19	22	13
25	34	31	40
?	43	46	37

What number should replace the question mark?

---

# Test Five: Questions

1. Which is the odd one out?



2. Which word in brackets is most opposite in meaning to the word in capitals?  
REVERENT (candid, lucid, cheeky, content, culpable)

3. Identify two words (one from each set of brackets) that have a connection (analogy) with the words in capitals and relate to them in the same way.

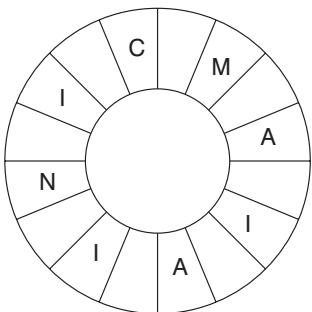
COCHLEA (shell, ear, brain)

CEREBELLUM (heart, nose, brain)

4. Which number is the odd one out?

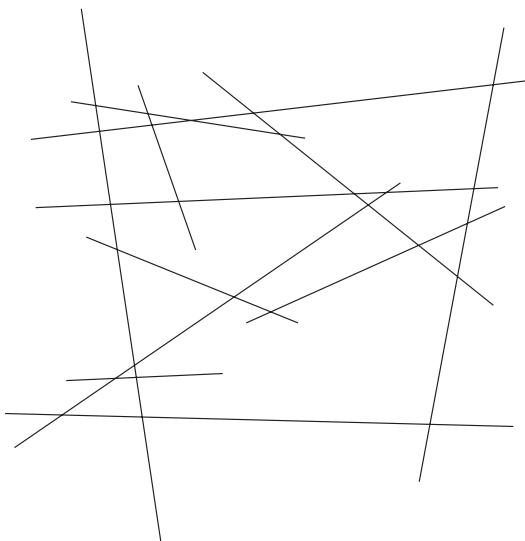
3647 2536 5869 **6957** 1425 4758

5.



Read clockwise to find a 16-letter word. Only alternate letters have been shown, and you have to find the starting point.

6. How many lines appear below?



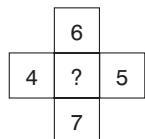
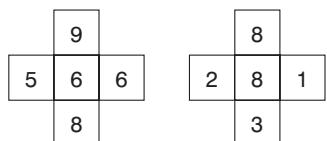
7. 0, 1, 2, 5, 20, 25, ?, ?

What two numbers should replace the question marks?

8. Which is the odd one out?

exacerbate, alleviate, amplify, escalate, inflate

9.



What number should replace the question mark?

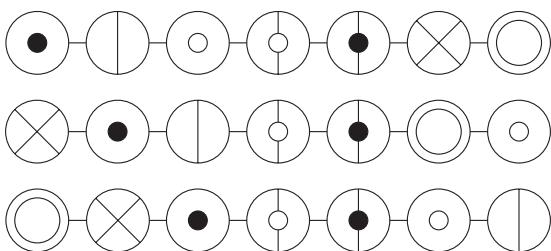
10. The name of which creature can be placed on the bottom row to complete seven three-letter words reading downwards?

D A S A M Y W

U R A G A O A

\* \* \* \* \* \* \*

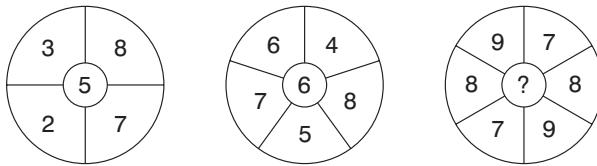
11.



What comes next?

- A
- B
- C**
- D
- E
- F

12.



What number should replace the question mark?

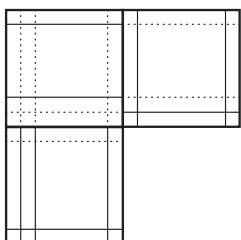
13.

	N	E
A	M	T
M		I

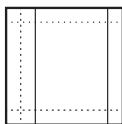
Start at one of the four corner letters and spiral clockwise round the perimeter, finishing at the centre letter to spell out a nine-letter word. You must provide the missing letters.

14. In eight years time the combined age of me and my two sons will be 124. What will it be in five years time?
15. Which two words are closest in meaning?  
old, stiff, ripe, pure, uniform, mellow

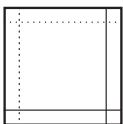
16.



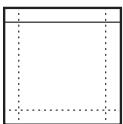
Which is the missing tile?



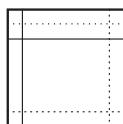
A



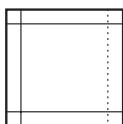
B



C



D

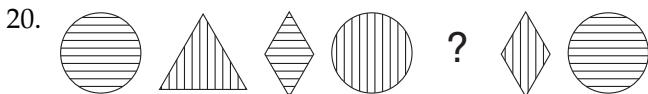


E

17. abyss is to chasm as fissure is to: crevice, recess, gorge, canyon, opening

18. Jack is twice as old as Jill, but in five years time he will only be one and a half times as old. How old are Jack and Jill now?

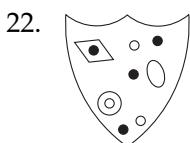
19. Change one letter only in each of the words below to produce a familiar phrase:  
HOME SO LINE



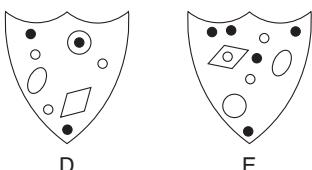
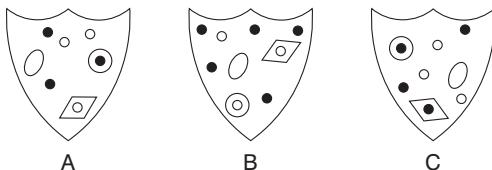
Draw the missing figure in the above sequence.

21. 1000, 865, ?, 595, 460, 325

What number should replace the question mark?



Which shield below has most in common with the shield above?



23. Identify two words that sound alike, but are spelled differently, which mean:

potency  
small insect

24.

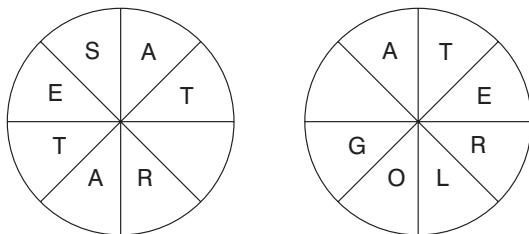
14	26	28
91	18	89
57	177	22
189	16	7

Multiply the lowest even number in the grid by the highest odd number.

25. What is the meaning of laconic?

- dull, uninspiring
- tearful
- using few words
- emotionally unstable
- sarcastic

26.

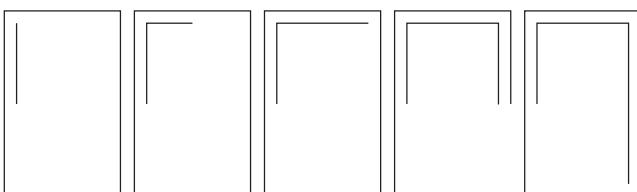


Work clockwise round each circle to spell out two eight-letter words that are synonymous. You have to find the starting points and provide the missing letters.

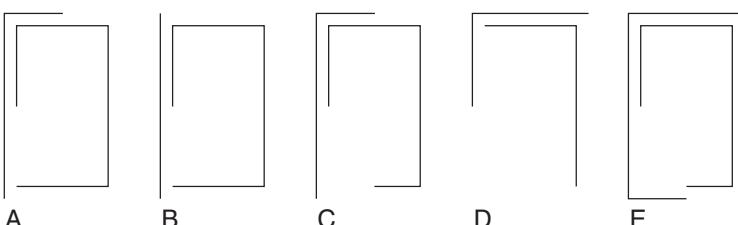
27. 17, 4, 29, 13, 41, 22, 53, 31, ?

What number should replace the question mark?

28.



What comes next?

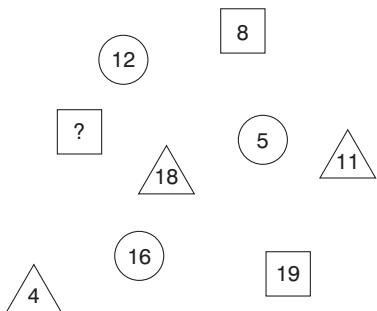


29.

	T	I
E		M
T	N	O

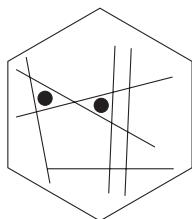
Spiral clockwise round the perimeter and finish at the centre square to spell out a nine-letter word. You must find the starting point and provide the missing letters.

30.

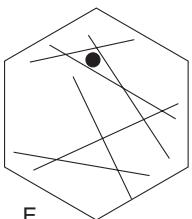
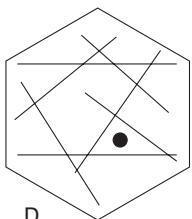
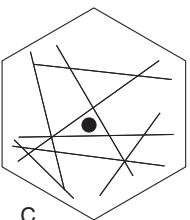
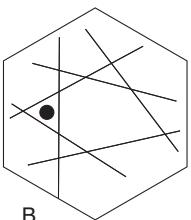
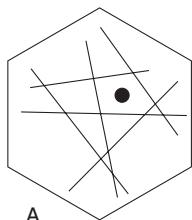


What number should replace the question mark?

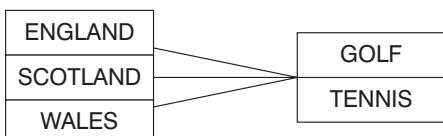
31.



To which hexagon below can a dot be added so that *both* dots then meet the same conditions as the two dots in the hexagon above?



32.



Three teams, from England, Scotland and Wales, are competing for two trophies, one for golf and one for tennis. How many different outcomes of the two competitions exist?

6, 8, 9 or 12?

33. Which is the odd one out?  
 statement, fluster, retirement, restful, testament
34. Switch A turns lights 1 and 2 on/off or off/on  
 Switch B turns lights 2 and 4 on/off or off/on  
 Switch C turns lights 1 and 3 on/off or off/on  
 Switch D turns lights 3 and 4 on/off or off/on

 = ON

 = OFF

Switches B, D, A and C are thrown in turn with the result that Figure 1 turns into Figure 2. Which switch does not work at all?

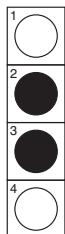


Figure 1

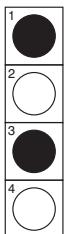


Figure 2

35.

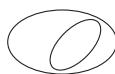
5	7	4	3	1
1	2	2	6	5
6	6	5	?	
1	2			

What number should replace the question mark?

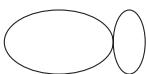
36.



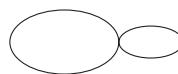
What comes next?



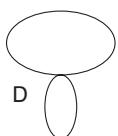
A



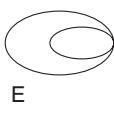
B



C

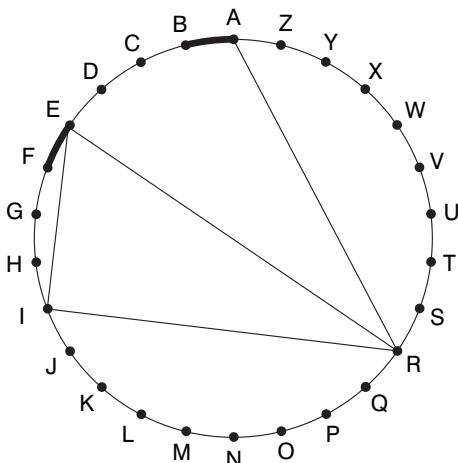


D



E

37. Find two words (7, 4) in this diagram. Letters are traced across the circle by chords. If the next letter is four letters or less away, it will be found by tracing around the circumference. Clue: may be difficult to swim over.

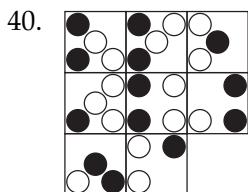


- 38.
- |   |   |   |   |   |   |
|---|---|---|---|---|---|
| A | B | C | D | E |   |
| F | G | H | I | J |   |
| K | L | M | N | O |   |
| P | Q | R | S | T |   |
| U | V | W | X | Y | Z |

What letter is immediately to the left of the letter that is immediately below the letter two to the left of the letter I?

39. Which number is the odd one out?

3861 8712 5247 4356 1485 3645



Which is the missing tile?



---

# Test Six: Questions

1.

T	S	I
L	A	E
O	C	L
	E	C
T	A	F
U	T	U

Each square contains the letters of a nine-letter word. Find the two words that are similar in meaning.

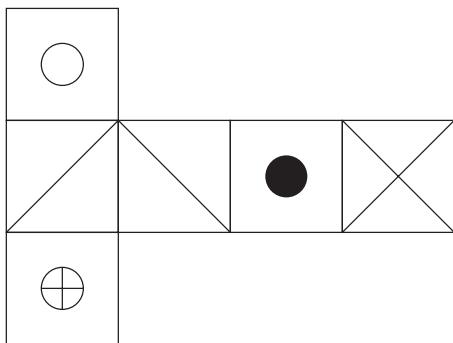
2. 1, 3, 4, 7, 11, 18, 29, ?

What number should replace the question mark?

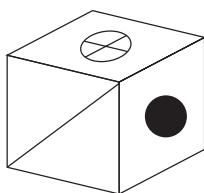
3. Which four bits can be joined together to form two words that have opposite meanings?

ant, ert, uce, ire, ill, and, red, tic, exp

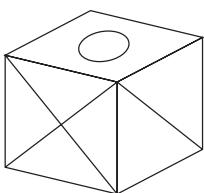
4.



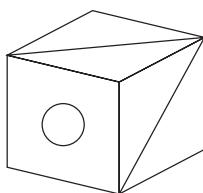
When the above is folded to form a cube, which is the only one of the following that *can* be produced?



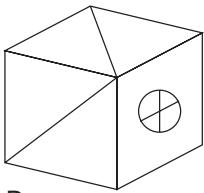
A



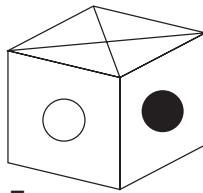
B



C



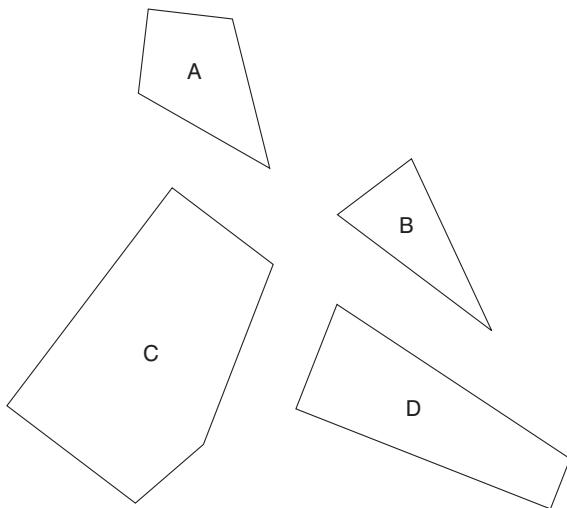
D



E

5. blanch is to boil as sauté is to: simmer, fry, soak, roast, garnish
6. In a game of eight players lasting for 70 minutes, six substitutes alternate with each player. This means that all players, including the substitutes, are on the pitch for the same length of time. For how long?
7. If 2 = H are BTO is two heads are better than one, what is the meaning of 2 = S to ES?

8. Which three of the four pieces below can be fitted together to form a perfect square?



9. Which is the odd one out?

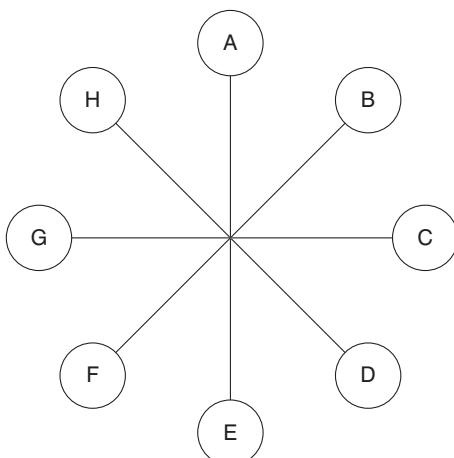
parabolic, lancet, abutment, trefoil, ogee

10.

8	3	4
9	4	6
12	2	?

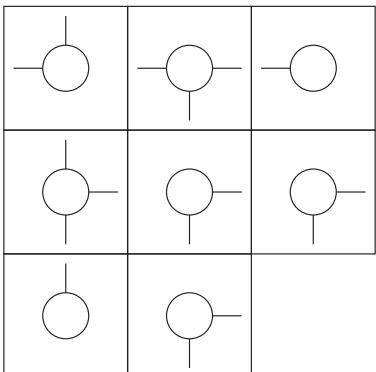
Look at lines both across and down and work out which number should replace the question mark.

11.

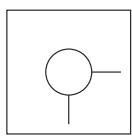


What letter is directly opposite the letter two places anticlockwise away from the letter directly opposite the letter H?

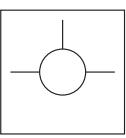
12.



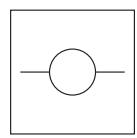
Which is the missing tile?



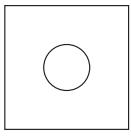
A



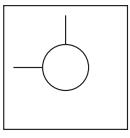
B



C



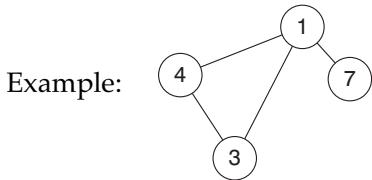
D



E

13. Change one letter only in each of the words below to produce a familiar phrase:  
SO LID ON WANT

14. Insert the numbers 1–5 in the circles so that for any particular circle the sum of the numbers in the circles connected directly to it equals the value corresponding to the number in that circle as given in the list.

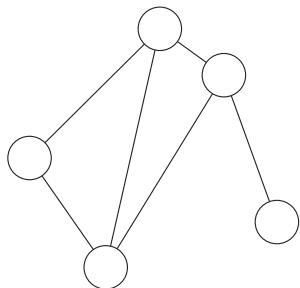


$$1 = 14 \quad (4 + 3 + 7)$$

$$3 = 5 \quad (4 + 1)$$

$$4 = 4 \quad (1 + 3)$$

$$7 = 1$$



$$1 = 4$$

$$2 = 12$$

$$3 = 7$$

$$4 = 8$$

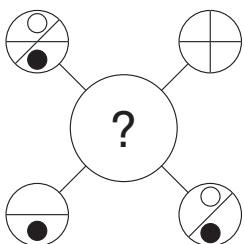
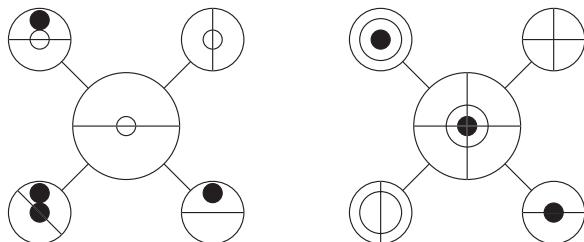
$$5 = 9$$

- 15.

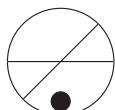
	A	
O	C	I
N	A	P

Start at one of the four corner letters and spiral clockwise round the perimeter, finishing at the centre letter to spell out a nine-letter word. You must provide the missing letters.

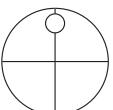
16.



Which circle should replace the question mark?



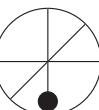
A



B



C

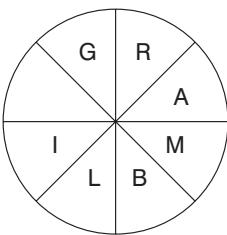
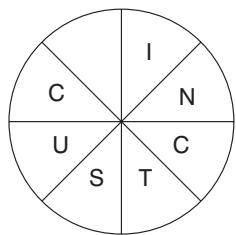


D



E

17.



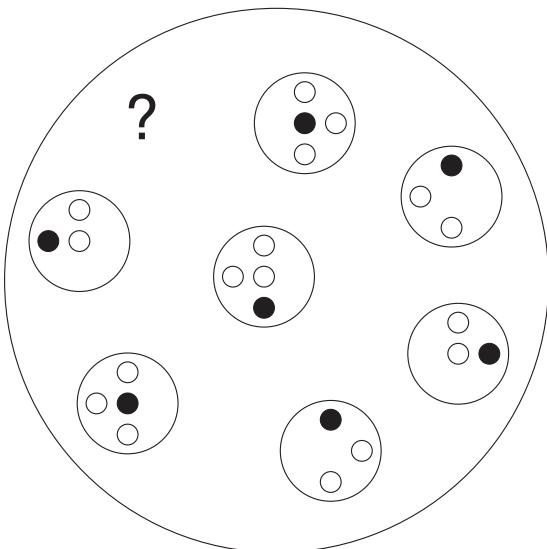
Find two eight-letter words reading clockwise in each circle. The words are antonyms. You have to find the starting point of each word, and provide the missing letter.

18. Which of the following is not an anagram of a type of building?

- delta arch
- raiment
- cleats
- the Arctic
- a blowgun

19. If five men can build a house in 16 days, how long will it take just two men to build the same house, assuming all men work at the same rate?

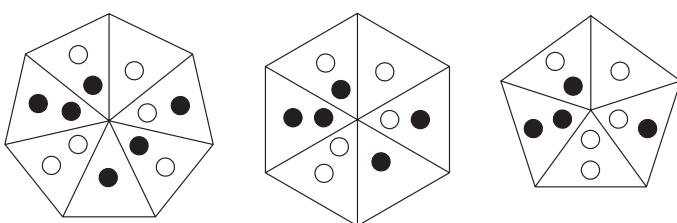
20.



Which circle should replace the question mark?

- 
- A      B      C      D      E
- Five options labeled A through E, each showing a small circle with three dots arranged in a triangle. Option A has one black dot at the bottom. Option B has two black dots at the top. Option C has one black dot at the bottom. Option D has two black dots at the top. Option E has three black dots at the top.

21.



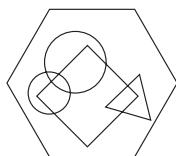
What comes next?

- 
- A      B      C
- Three options labeled A, B, and C, each showing a square divided into four triangles by lines from the center. Option A has 1 white, 2 black, and 1 gray dot. Option B has 2 white, 2 black, and 1 gray dot. Option C has 1 white, 3 black, and 1 gray dot.

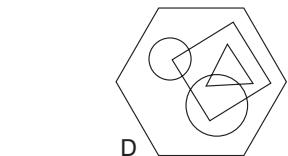
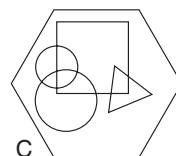
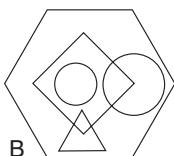
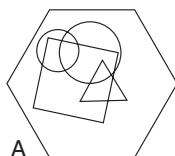
- 
- D      E
- Two options labeled D and E, each showing a square divided into four triangles by lines from the center. Option D has 1 white, 2 black, and 1 gray dot. Option E has 2 white, 2 black, and 1 gray dot.

22. Change one letter only in each word to produce a familiar phrase:  
cone do line
23. IQS: LNV  
JRM: ?  
LOP, MOP, LIP, MOW or KIP?
24. 742 (8710) 138  
395 (12167) 972  
819 (?) 356  
What number should replace the question mark?
25. FAIRER BEETLE is an anagram of which two words that are similar in meaning?

26.



Which hexagon below has most in common with the hexagon above?



27. Identify two words that sound alike but are spelled differently, which mean:

regrets  
artifice

28. Simplify:

$$\frac{27}{74} \div \frac{9}{37} \times \frac{6}{17}$$

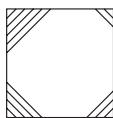
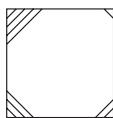
to the lowest fraction.

29.

A	B	C	D	E	
F	G	H	I	J	
K	L	M	N	O	
P	Q	R	S	T	
U	V	W	X	Y	Z

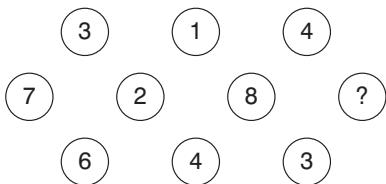
What letter is two letters to the right of the letter two letters above the letter four letters to the left of the letter Z?

30.



Draw the missing figure in the above sequence.

31.



What number should replace the question mark?

32. night long boat house ?

What comes next?

calm, hold, panic, wind, post

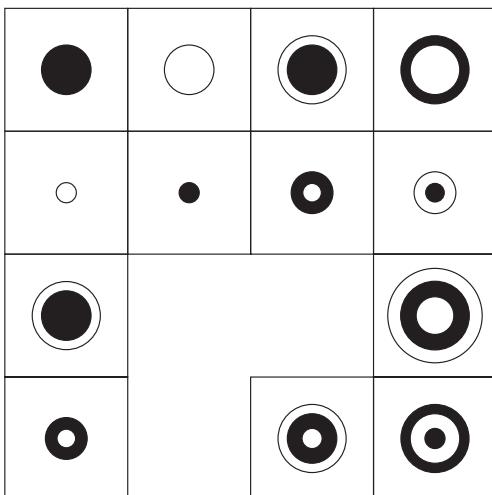
33. rifle is to firearm as cutlass is to: blade, sword, weapon, steel, sever

34.

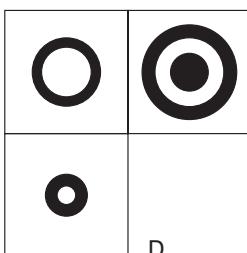
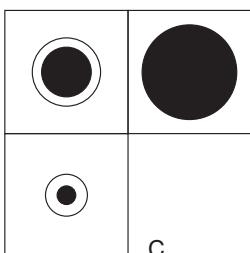
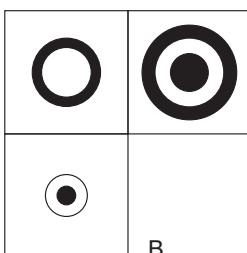
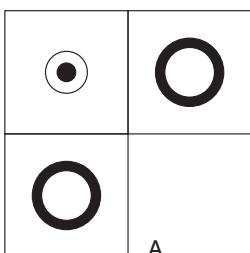
6	7	9	16
4	3	2	4
6	11	5	32
18	10	13	?

What number should replace the question mark?

35.



Which is the missing section?

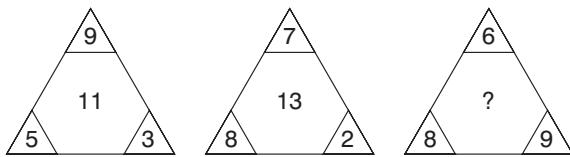


36. 7 4 2 6 3 5 8 1 9

What is the difference between the average of the numbers above and the second lowest even number?

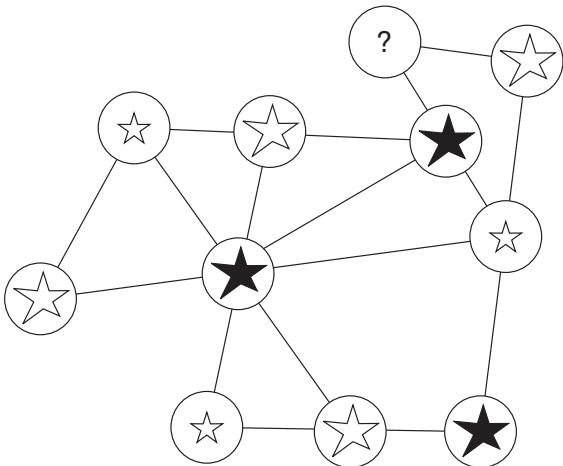
37. How much does a bag of flour weigh if it weighs 1 kilogram plus the weight of half the bag of flour?
38. Fill in the missing letters to find two types of tree:  
 \*U\*A\*Y\*\*\*  
 \*A\*D\*L\*O\*\*

39.



What number should replace the question mark?

40.



Which is missing?



A



B

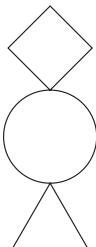


C

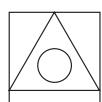
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# Test Seven: Questions

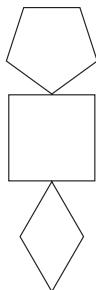
1.



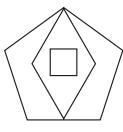
is to:



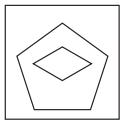
as:



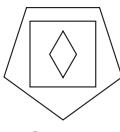
is to:



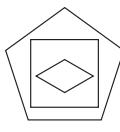
A



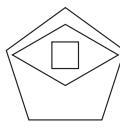
B



C



D



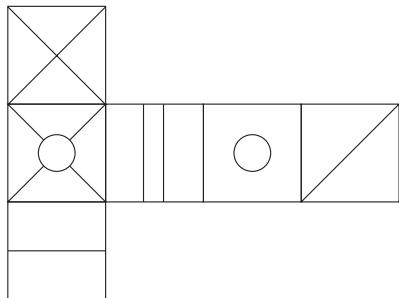
E

2. Which is the odd one out?

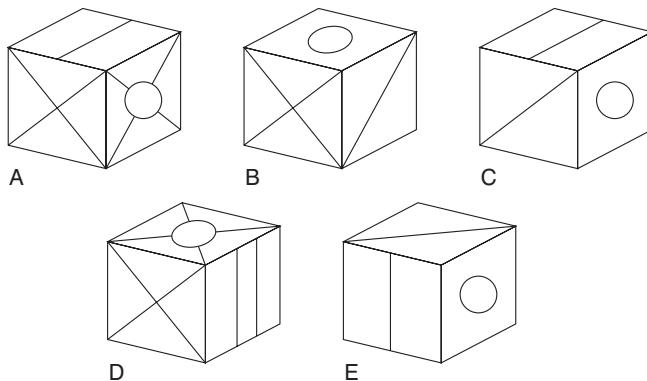
banner, staff, pennant, streamer, oriflamme

3. Peter, Paul and Mary share out a certain sum of money between them. Peter gets  $\frac{2}{5}$ , Paul gets 0.55 and Mary gets £45.00. How much is the original sum of money?

4.

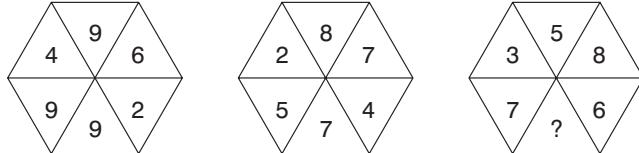


When the above is folded to form a cube, which is the only one of the following that *can* be produced?



5. Which word in brackets is closest in meaning to the word in capitals?  
INTRINSIC (precurory, interfering, obstinate, elemental, fascinating)
6. Place a four-letter word inside the brackets that will complete a word or phrase when tacked onto the word on the left, and will form another word or phrase when placed in front of the word on the right.  
HEAD (\*\*\*\*) LASS

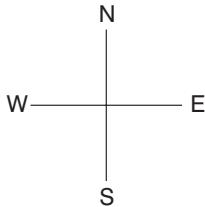
7.



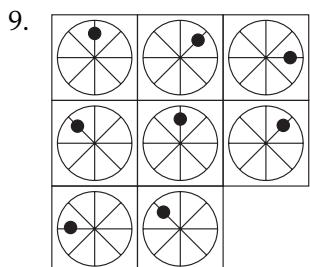
What number should replace the question mark?

8.

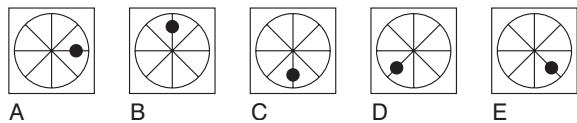
1S 1E	2S 1E	2W 1S
1S 1E	1E 1N	1W 1N
1N 2E	T	2N 2W



Find the starting point and visit every square once each to finish at the treasure marked T. 1N 2W means 1 North, 2 West.



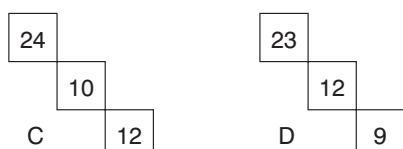
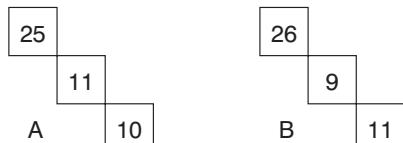
Which is the missing tile?



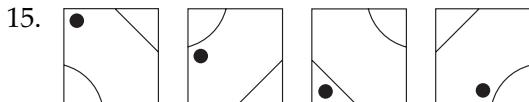
10.

20	19	18	17	16
31	28	?	22	19
26	21	16	?	6
26	22	18	14	?

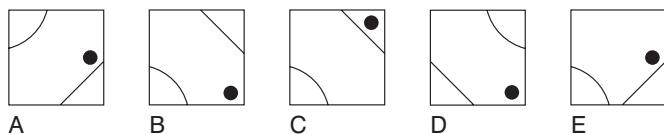
Which is the missing section?



11. Which two words are most opposite in meaning?  
 lucrative, proficient, decorous, unskilled, unusual, industrious
12. Identify two words (one from each set of brackets) that have a connection (analogy) with the words in capitals and relate to them in the same way.  
 EMBARK (sail, venture, develop)  
 INAUGURATE (speech, invent, introduce)
13. Which number is the odd one out?  
 571219  
 461016  
 831114  
 461016  
 971613  
 781523
14. The following clue leads to which pair of rhyming words?  
 yank yarn

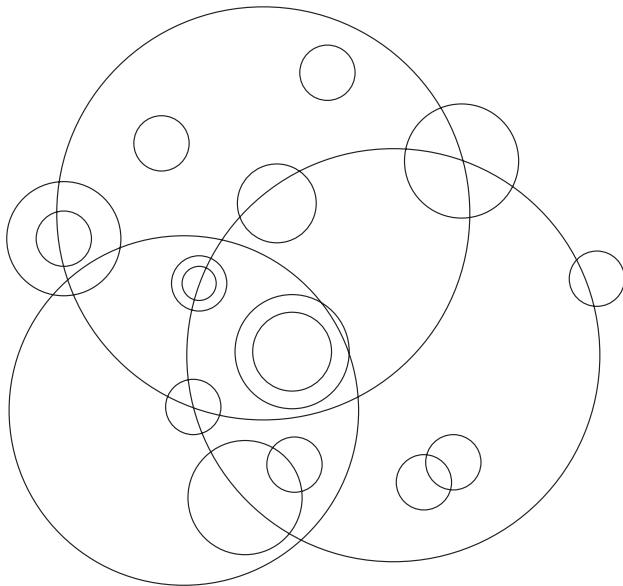


What comes next in the above sequence?



16. 100, 97.25, 91.75, 83.5, ?  
 What number should replace the question mark?
17. dentiform is to tooth as dendriform is to: triangle, tree, doughnut, arch, foot
18. The average of three numbers is 48. The average of two of these numbers is 56. What is the third number?
19. Arrange the three-letter bits below into the correct order to spell out a familiar saying:  
 nwo ion der tha eak rds lou ssp act

20. How many different sized circles appear below?



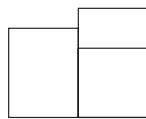
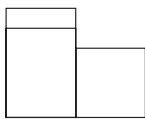
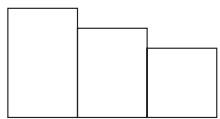
21. What is the longest word in the English language that can be produced from the set of letters below? Letters may only be used once in the word produced.

MEOIALJTBG

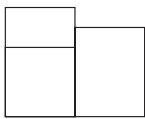
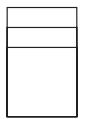
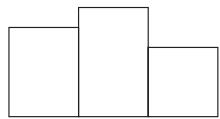
22. The letters below represent a phrase where the initial letters of each word and the spaces have been removed. What is the phrase?

USHHEOATUT

- 23.



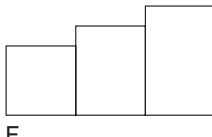
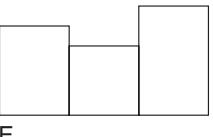
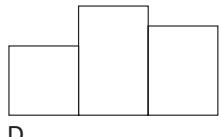
What comes next?



A

B

C



D

E

F

24. 71, 81, 74, 77, 77, 73, 80, 69, ?

What number should replace the question mark?

25. Place a word in the bracket that forms a new word or phrase when tacked onto the word on the left, and another word or phrase when placed in front of the word on the right.

home (        ) fast

26.

5	2		
		9	1
3			9
	8	1	

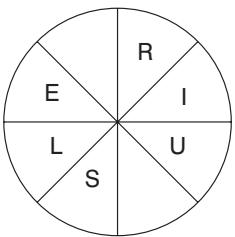
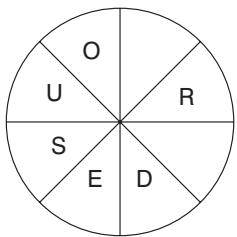
Insert the remaining numbers below into the grid so that each line across and down totals 21.

6 6 6

5 5 8

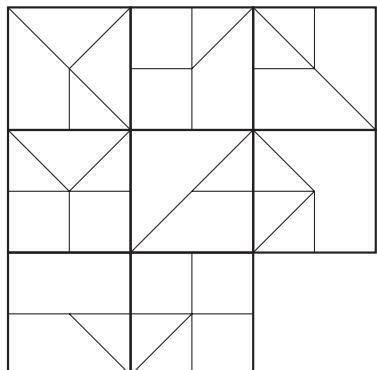
7 3

27.

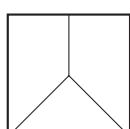


Find the starting point and work anticlockwise round each circle to find two types of creature, each eight letters long. You have to provide the missing letters.

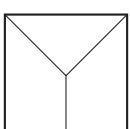
28.



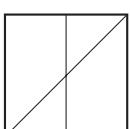
Which is the missing tile?



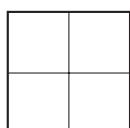
A



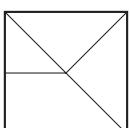
B



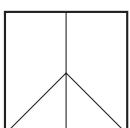
C



D

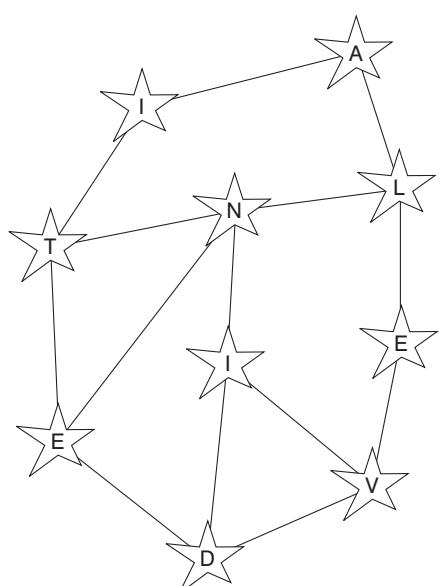


E



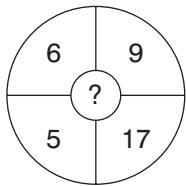
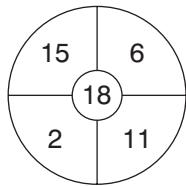
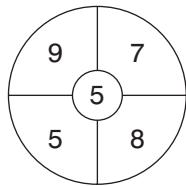
F

29.



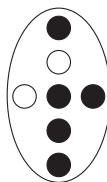
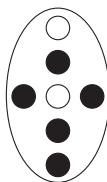
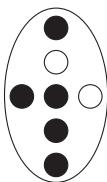
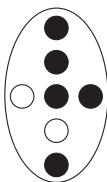
Move from star to star along connecting lines to spell out a 10-letter word. All letters are used once each only.

30.

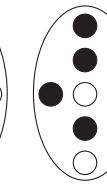
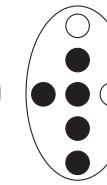
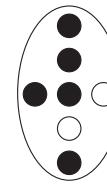
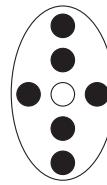
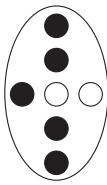


What number should replace the question mark?

31.



Which is missing?



A

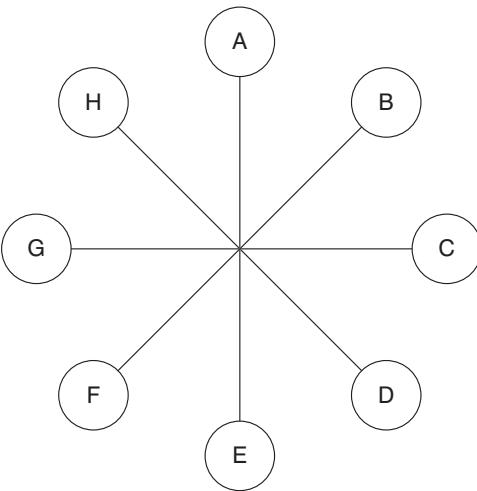
B

C

D

E

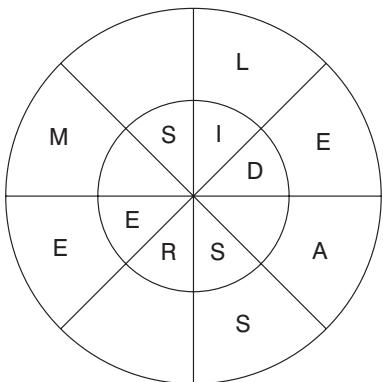
32.



What letter is directly opposite the letter that is two letters away clockwise from the letter that is directly opposite the letter that is three letters away anti-clockwise from the letter E?

33. In 13 years time the combined ages of my three brothers will be 94. What will it be in nine years time?

34.



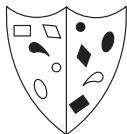
Find two words, one reading clockwise round the outer circle, and one reading anticlockwise round the inner circle, which are opposite in meaning. You must provide the missing letters.

35.

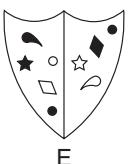
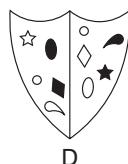
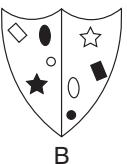
7	8	12
2	21	8
4	11	7

What numbers should replace the question marks?

36.



Which shield below has most in common with the shield above?



37. Switch A turns lights 1 and 2 on/off or off/on  
 Switch B turns lights 2 and 4 on/off or off/on  
 Switch C turns lights 1 and 3 on/off or off/on  
 Switch D turns lights 3 and 4 on/off or off/on

 = ON

 = OFF

Switches C, A, D and B are thrown in turn with the result that Figure 1 turns into Figure 2. Which switch does not work at all?

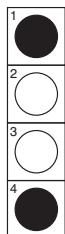


Figure 1

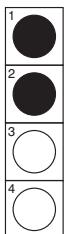


Figure 2

- 38.

A	P	B		
E	T	L		
A	A	L	S	S
	T	E	T	
	A	S	E	

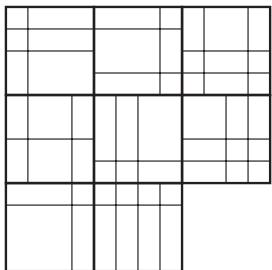
Each square contains the letters of a nine-letter word. Find the two nine-letter words that are antonyms.

- 39.

5	7	4	9	8	2	7
3	8	6	4	7	5	9
9	6	1	4	5	8	?

What number should replace the question mark?

40.



Which is the missing tile?



A



B



C



D



E

---

# Test Eight: Questions

1. 0, 1, 3, 6, 7, 9, 12, 13, 15, 18, ?, ?, ?

What numbers should replace the question marks?

2. Find two words that differ only by the omission of a single letter (for example, place/pace), in answer to the following clue:  
bowl-shaped cavity / provide food

3.

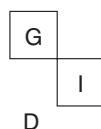
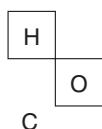
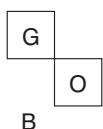
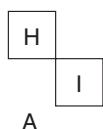
43	6	16	12	24
2	22	1	4	9
46	30	48	5	13
38	8	36	7	3
11	20	14	10	15

What number in the grid is three places away from itself less two, two places away from itself divided by two, three places away from itself less five and three places away from itself multiplied by three?

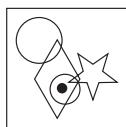
4.

A	C	F
E	?	J
J	L	?

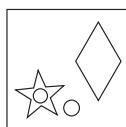
Which is the missing section?



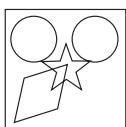
5.



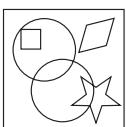
To which of the squares below can a dot be added so that the dot then meets the same conditions as the dot in the square above?



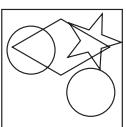
A



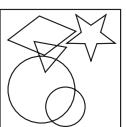
B



C



D



E

6. Complete the following to create a palindromic phrase, ie one that reads the same forwards and backwards, such as Madam I'm Adam.

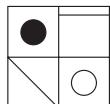
\*U\*\*L\* \*\*\*P \*\*

Clue: scholarly errors!

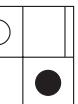
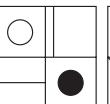
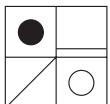
7. 8 3      6 4      4 5      ??  
9 6      6 5      3 4      ??

What numbers should replace the question marks?

8.



?



Draw the missing figure in the above sequence.

9. Which is the odd one out?  
sow, bull, buck, boar, stallion

10. The ages of five family members total 107 between them.

The ages of Margaret and Stuart total 29 between them.

The ages of Stuart and Jeffrey total 44 between them.

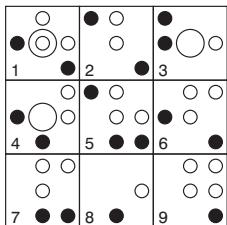
The ages of Jeffrey and Brian total 57 between them.

The ages of Brian and Philip total 46 between them.

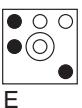
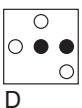
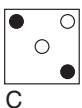
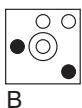
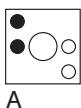
How old is each family member?

11. IVY CITRATE is an anagram of which two 10-letter words in the English language?

12.



Looking at lines across and down, if the first two tiles are combined to produce the third tile, with the exception that like symbols are cancelled out, which of the above tiles is incorrect, and with which of the tiles below should it be replaced?



13. Which two words are most opposite in meaning?  
watertight, humid, tractable, opulent, portentous, tenuous

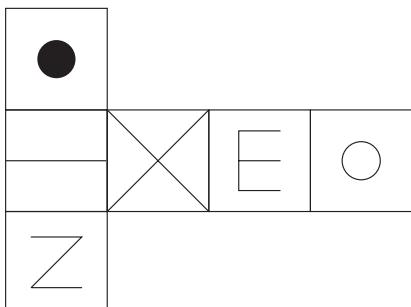
14.

7	6	5	7	6	3
4	9	2	8	1	9
1	3	7	3	2	7
3	8	4	9	9	5
5	4	2	3	2	?

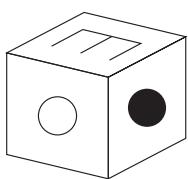
What number should replace the question mark?

15. Add three consecutive letters of the alphabet to the group of letters below, without splitting the consecutive letters of the alphabet, to form another word.  
GERE

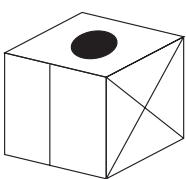
16.



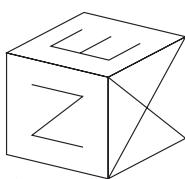
When the above is folded to form a cube, which is the only one of the following that *can* be produced?



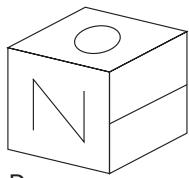
A



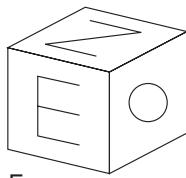
B



C

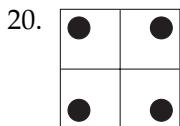


D

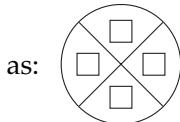
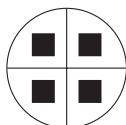


E

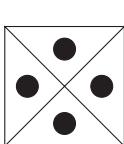
17. closed is to shut as open is to: obscure, visible, field, overt, wide
18. Harry is one and a third as old as Larry and Larry is one and a third as old as Carrie. Together their ages total 74. How old are Larry, Harry and Carrie?
19. Which two words are closest in meaning?  
salubrious, healthy, identical, conspicuous, devout, bleak



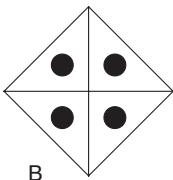
is to:



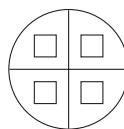
is to:



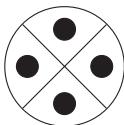
A



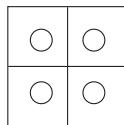
B



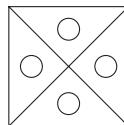
C



D

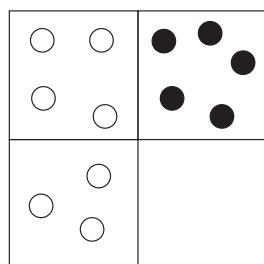


E

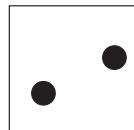


F

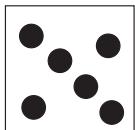
21.



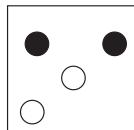
Which is the missing tile?



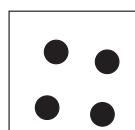
A



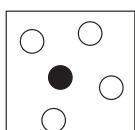
B



C

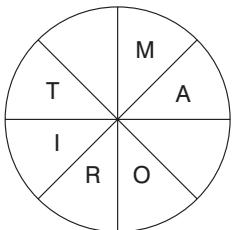
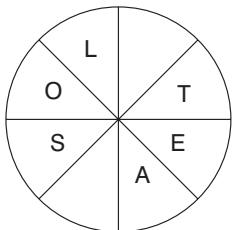


D



E

22. Find two words, both reading clockwise round each circle. You must find the starting point of each word and provide the missing letters. The two words form a phrase.



23. Switch A turns lights 1 and 2 on / off or off / on  
 Switch B turns lights 2 and 4 on / off or off / on  
 Switch C turns lights 1 and 3 on / off or off / on  
 Switch D turns lights 3 and 4 on / off or off / on

= ON

= OFF

Switches A, C, D and B are thrown in turn with the result that Figure 1 turns into Figure 2. Which switch does not work at all?

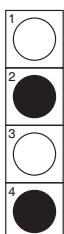


Figure 1

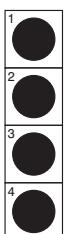
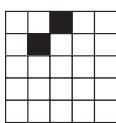


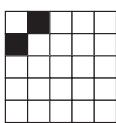
Figure 2

- 24.
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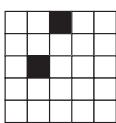
Which is missing?



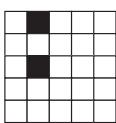
A



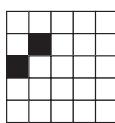
B



C



D



E

25. The letters below represent a phrase where the initial letters of each word and the spaces have been removed. What is the phrase?

INEFORK

26.

23	24	41
57	92	91
18	16	28
56	21	19

Multiply the highest odd number in the grid by the lowest even number.

27. Only one group of five letters below can be rearranged to spell out a five-letter word in the English language. Identify the word.

LEVUR

TNIEC

HEOLC

ANOIP

IRNAL

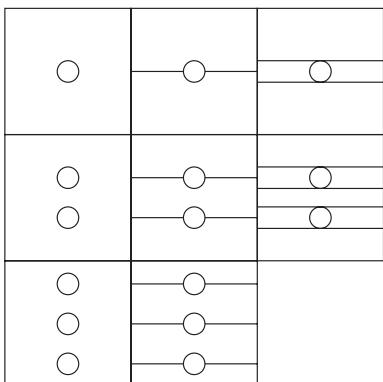
28. 1, 2.25, 3.75, 5.5, 7.5, 9.75, ?

What number should replace the question mark?

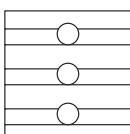
29. Place a word in the bracket that forms a new word or phrase when tacked onto the word on the left, and another word or phrase when placed in front of the word on the right.

second (        ) some

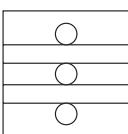
30.



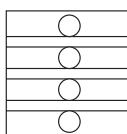
Which is the missing tile?



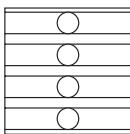
A



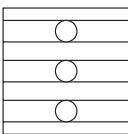
B



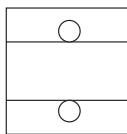
C



D



E



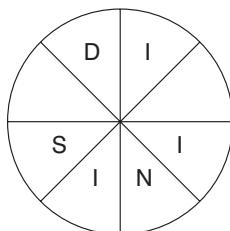
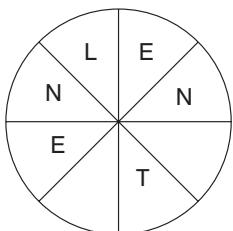
F

31. How many minutes is it before midnight if 32 minutes ago it was three times as many minutes past 22.00?
32. boater, nail, about, ruin, alibi, ?

Which word below comes next in the above sequence?

stray, tiara, treat, suit, trail

33.

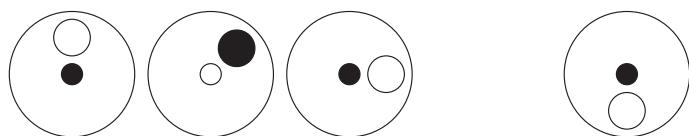


Work clockwise round the circles to spell out two eight-letter words that are antonyms. Each word commences in a different circle, and you must find the starting point of each. Every letter is used once each and all letters are consecutive.

34. 1, 31, 59, 85, 109, ?

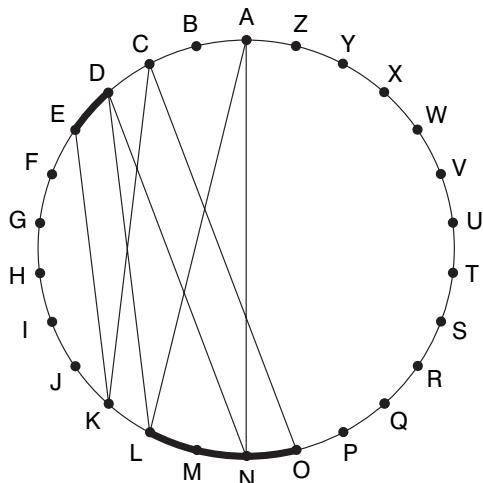
What number should replace the question mark?

35.



Draw the missing figure in the above sequence.

36.



Find two words (4, 6) in this diagram. Letters are traced across the circle by chords. If the next letter is four letters or less away, it will be found by tracing around the circumference. Clue: no coastline

37.

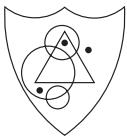
E	L	I
	F	E
	I	D

Start at one of the four corner letters and spiral clockwise round the perimeter, finishing at the centre letter to spell out a nine-letter word. You must provide the missing letters.

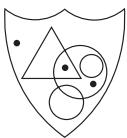
38. What is  $\frac{5}{9}$  divided by  $\frac{15}{18}$ ?

39. Three coins are tossed in the air and two of the coins land with heads face upwards. What are the chances on the next toss of the coins that at least two of the coins will land with heads face upwards again?

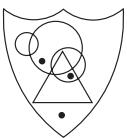
40.



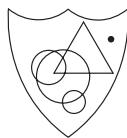
Which shield below has most in common with the shield above?



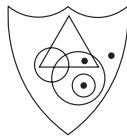
A



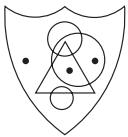
B



C



D

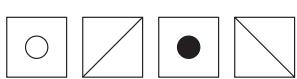


E

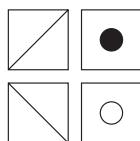
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# Test Nine: Questions

1.

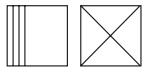
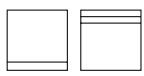


is to:

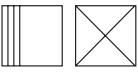
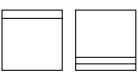


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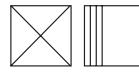
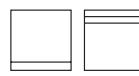
is to:



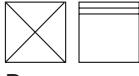
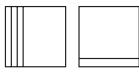
A



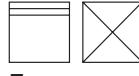
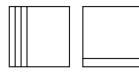
B



C



D



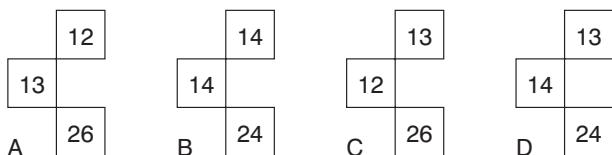
E

2. VEILED HARE is an anagram of which two words that are opposite in meaning?
3. Add one letter, not necessarily the same letter, to the beginning, middle or end of the words below to find five new words all on the same theme.  
back live fan can pin

4.

1	3	5	7
4	8	?	16
7	?	19	25
10	18	?	34

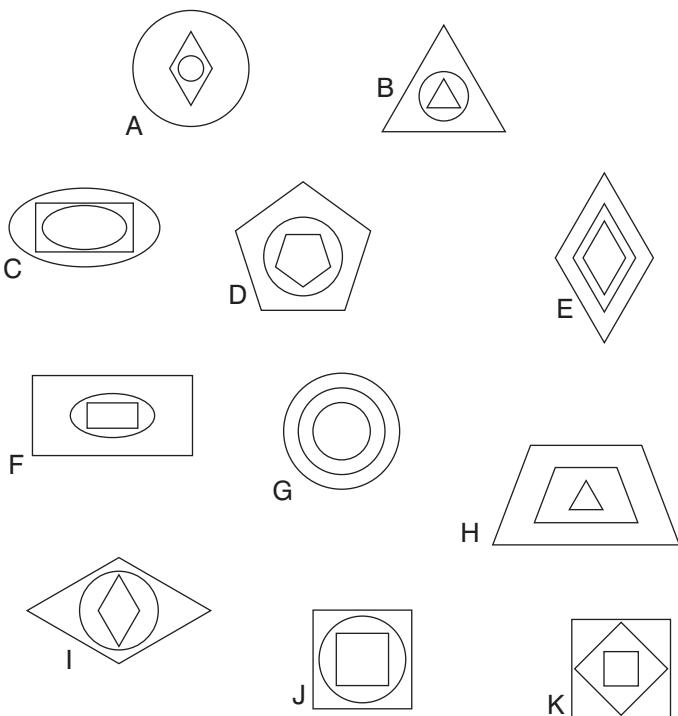
Which is the missing section?



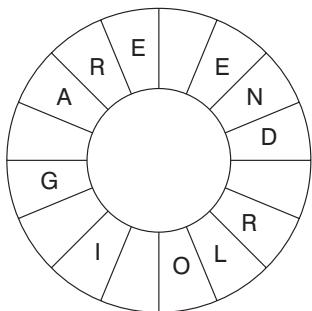
5. A B C D E F G H

Which letter is two to the left of the letter that is four to the right of the letter immediately to the right of the letter A?

6. Which is the odd one out?

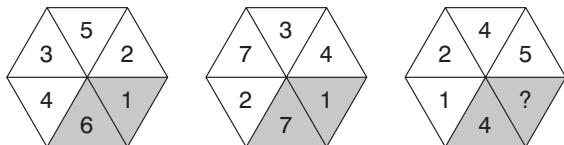


7.



Find a familiar phrase (6, 6, 4) reading clockwise. You have to find the starting point and provide the missing letters.

8.



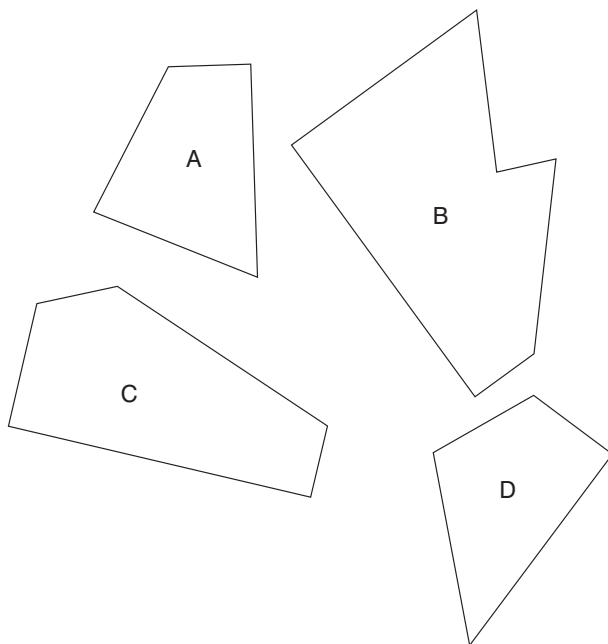
What number should replace the question mark?

9. eastern, reality, titanic, ?

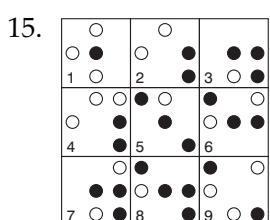
Which of the words below comes next?

natural, omnibus, include, devious or shingle

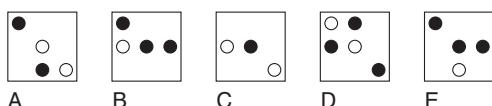
10. Which three of the pieces below, when fitted together, will form a perfect square?



11. RASCAL MARE is an anagram of which two words that are similar in meaning?
12. gallery is to balcony as stalls is to: proscenium, stage, audience, footlights, pit
13. 3182596 is to 65283  
and 6742835 is to 53476  
therefore 7496258 is to ?
14. A, C, F, J, O, ?  
What letter comes next?



Looking at lines across and down, if the first two tiles are combined to produce the third tile, with the exception that like symbols are cancelled out, which of the above tiles is incorrect, and with which of the tiles below should it be replaced?



16. 0, 27, 54, ?, 108, 135

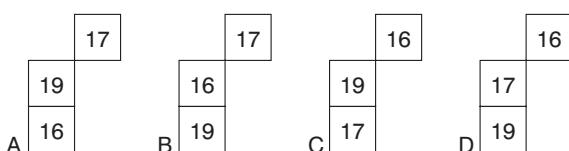
What number should replace the question mark?

17. Which is the odd one out?  
bolero, calypso, waltz, salsa, polka

18.

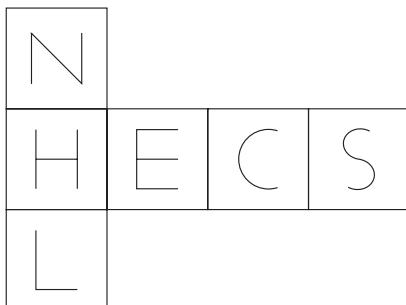
6	10	14	18
9	13	?	21
12	?	20	24
15	?	23	27

Which section is missing?

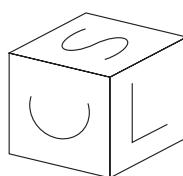
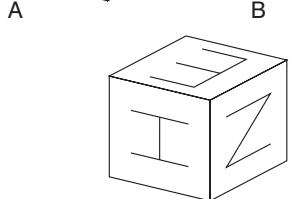
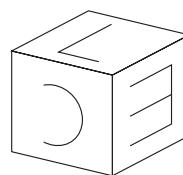
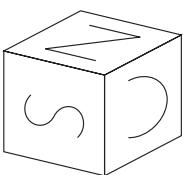
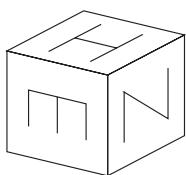


19. I met four of my old school friends today. In the morning I first saw Patricia and later bumped into Richie. Then in the afternoon I saw Christabel. Who did I encounter in the evening? Was it Thora, Stella, Thelma or Sally?

20.



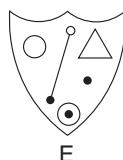
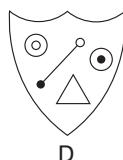
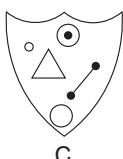
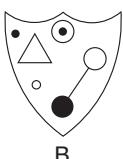
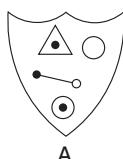
When the above is folded to form a cube, which is the only one of the following that *can* be produced?



21.



Which shield below has most in common with the shield above?

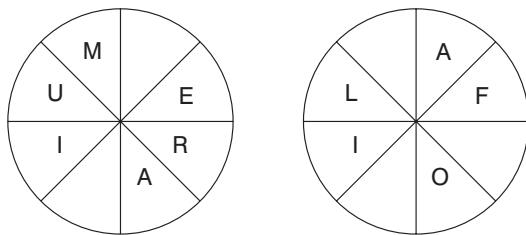


22.

7	4	5	2
5	1	9	3
2	9	1	6
?	4	3	7

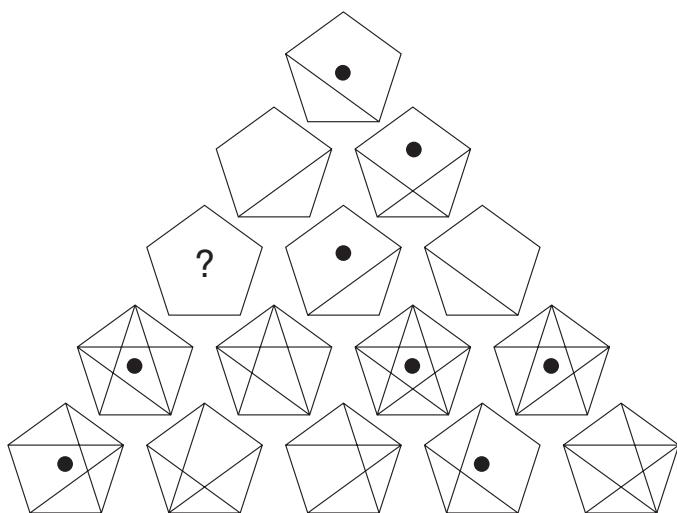
What number should replace the question mark?

23.

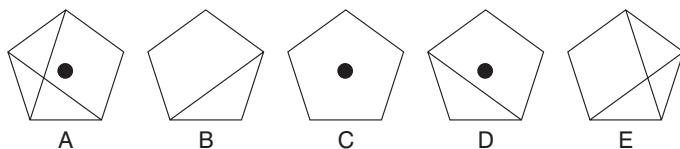


Find the starting point and work clockwise round each circle to find two types of flower, each eight letters long. You have to provide the missing letters.

24.

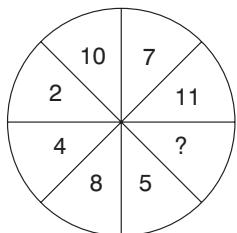


Which is missing?



25. Using all of the letters in the phrase TOUCH VOLCANO PIECE once each only spell out the names of three types of fruit.

26.



What number should replace the question mark?

27.



Draw the missing figure in the above sequence.

28. ASH FUEL FARM is an anagram of which two words that are opposite in meaning?

29.

171	23	18
17	19	29
78	56	27
28	71	82

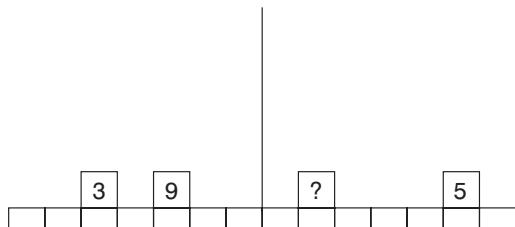
Multiply the highest even number in the grid by the lowest odd number.

30. action, effort, worth, ?, ourself

Which of the words below is missing?

cheer, reef, cage, rampart, idea

31.



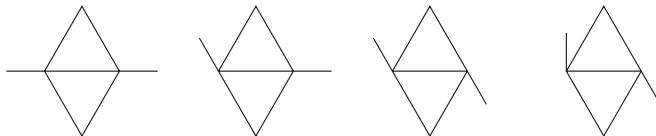
What weight should replace the question mark in order for the scales to balance?

32.

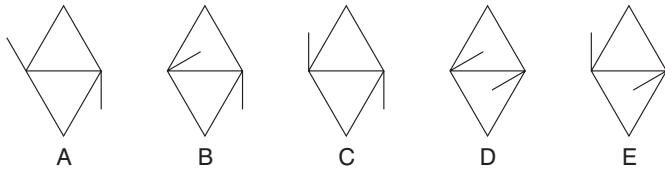
4	9	13	5	86	2	7
82						9
79						24
6						63
35						18
1	6	37	8	49	2	?

What number should replace the question mark?

33.



What comes next?



34. Place a word in the bracket that forms a new word or phrase when tacked onto the word on the left, and another word or phrase when placed in front of the word on the right.

salt (        ) fall

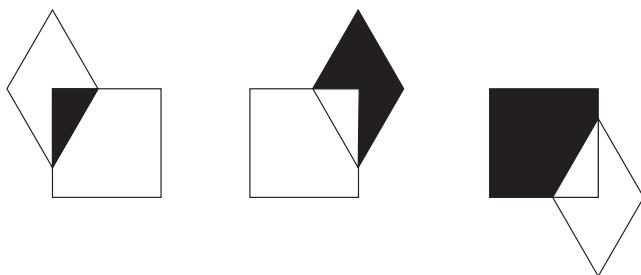
35. Which is the odd word out?

orders, murder, derelict, underworld, detonator

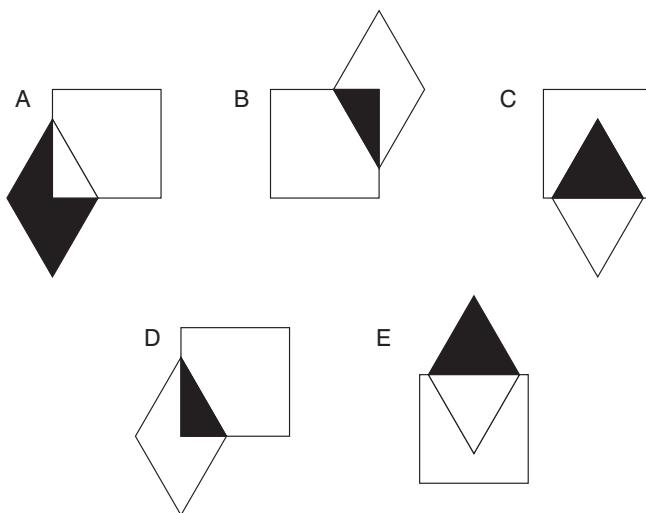
36. Stuart and Christine share out a certain sum of money in the ratio 4:5 and Christine ends up with £24.00. How much money was shared in the first place?

37. Referring again to question 36, how much money would have been shared out if the ratio had been 5:4 instead of 4:5?

38.



What comes next?



39.

S	I	P	Y
E	A	R	
O	R	T	

Find the starting point and work from letter to adjoining letter horizontally and vertically, but not diagonally, to spell out a 12-letter word. You have to provide the missing letters.

40.

7	9	4	5
13	11	14	9
25	27	20	23
47	45	50	43
?	?	?	?

What numbers should replace the question marks on the bottom row?

---

# Test Ten: Questions

1.

5	3
8	12
7	5

4	5
14	6
2	9

7	8
?	13
6	9

What number should replace the question mark?

2. Which word in brackets is most opposite in meaning to the word in capitals?  
PALATABLE (sparse, agonising, bland, raw, inferior)
3. 100, 99.5, 98.5, 97, 95, 92.5, 89.5, ?

What number should replace the question mark?

4. Switch A turns lights 1 and 2 on/off or off/on  
Switch B turns lights 2 and 4 on/off or off/on  
Switch C turns lights 1 and 3 on/off or off/on

 = ON

 = OFF

Switches B, A and C are thrown in turn with the result that Figure 1 turns into Figure 2. Which switch does not work at all?

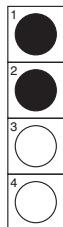


Figure 1

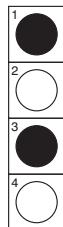
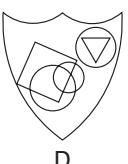
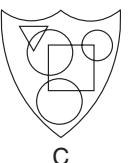
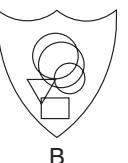
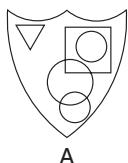


Figure 2

5.



To which shield below can a dot be added so that it meets the same conditions as in the shield above?



6. Which is the odd one out?

diploid, deltoid, dual, binary, twofold

7.

5	10	9	4
7	4	5	8
3	2	5	6
1	8	9	?

What number should replace the question mark?

8. Insert a pair of letters into each bracket so that they finish the word on the left and start the word on the right. The correct letters read downwards in pairs must spell out an eight-letter word.

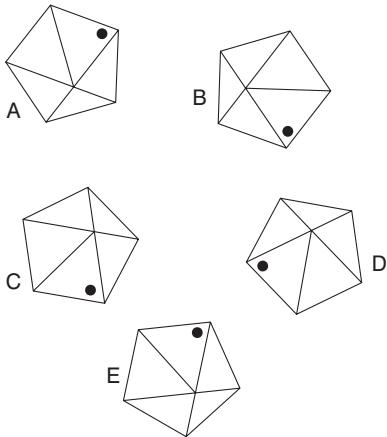
SO (\*\*\*) LT

LA (\*\*\*) ST

DO (\*\*\*) AL

EP (\*\*\*) ON

9. Which is the odd one out?



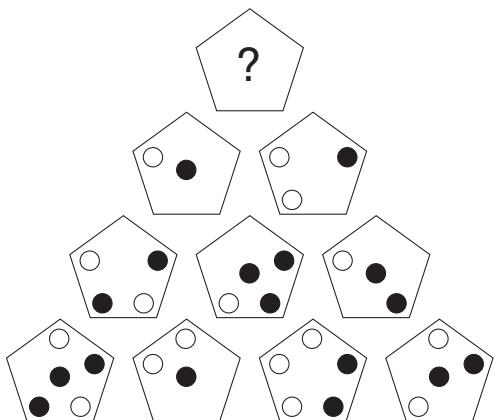
10. Which one of the following is grammatically correct?

- The father's rights activist's dog buried its bone in the garden.  
 The fathers' rights activist's dog buried it's bone in the garden.  
 The father's rights activist's dog buried it's bone in the garden.  
 The fathers' rights' activist's dog buried its bone in the garden.  
 The fathers' rights activists' dog buried it's bone in the garden.  
 The fathers' rights activist's dog buried its bone in the garden.  
 The father's rights activists' dog buried its bone in the garden.

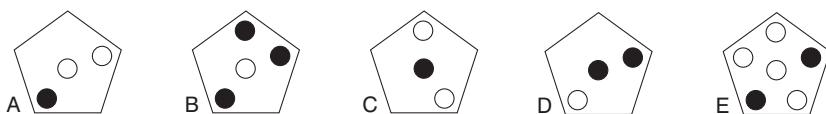
11. Which number is the odd one out?

6394, 9416, 5278, 6231, 9614, 6132, 7895, 5872, 7598

12.



Which pentagon should replace the question mark?



13. Which word in brackets is closest in meaning to the word in capitals?  
SPARTAN (scarce, austere, erratic, limited, fierce)

14. Only one set of letters below can be rearranged into a six-letter word in the English language. Find the word.

HURLPO

KCIENA

WINCAL

EJBATC

XELPOD

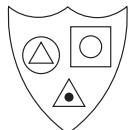
NWIOLM

15. 7964325 is to 6975234

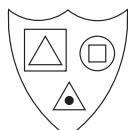
and 5822139 is to 2859312

therefore 7469851 is to ?

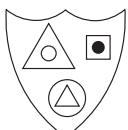
- 16.



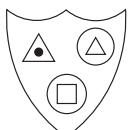
Which shield below has most in common with the shield above?



A



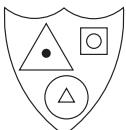
B



C



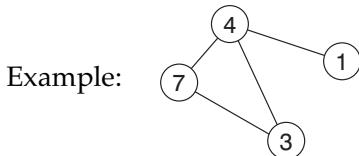
D



E

17. caster is to chair as rowel is to: wheel, spur, bicycle, pulley, gyroscope

18. Insert the numbers 1–6 in the circles so that for any particular circle the sum of the numbers in the circles connected directly to it equals the value corresponding to the numbers in that circle as given in the list.

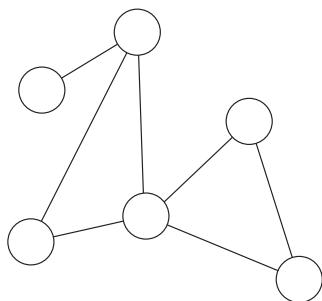


$$1 = 4$$

$$3 = 11 (4 + 7)$$

$$4 = 11 (1 + 3 + 7)$$

$$7 = 7 (4 + 3)$$



$$1 = 8$$

$$2 = 4$$

$$3 = 6$$

$$4 = 13$$

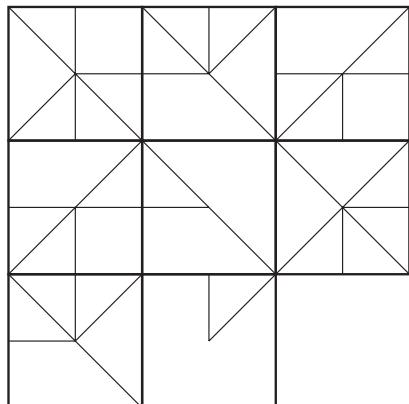
$$5 = 14$$

$$6 = 9$$

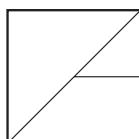
19. What four-letter word can be placed in the bracket to form a word when tacked onto the end of blue and another word when placed in front of owed?

BLUE (\*\*\*\*) OWED

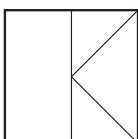
20.



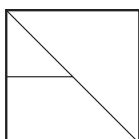
Which is the missing tile?



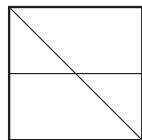
A



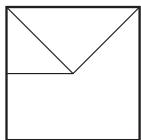
B



C

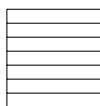
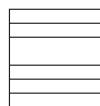
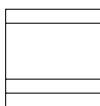
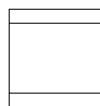
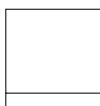


D

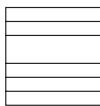


E

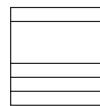
21.



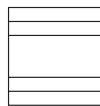
Which is the missing square?



A



B



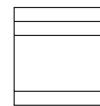
C



D



E



F

22. Which two words are closest in meaning?

lonely, haughty, crafty, credulous, careful, arrogant

23. Switch A turns lights 1 and 2 on/off or off/on  
 Switch B turns lights 2 and 4 on/off or off/on  
 Switch C turns lights 1 and 3 on/off or off/on  
 Switch D turns lights 3 and 4 on/off or off/on

 = ON

 = OFF

Switches D, B, C and A are thrown in turn with the result that Figure 1 turns into Figure 2. Which switch does not work at all?

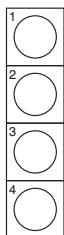


Figure 1

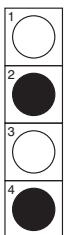
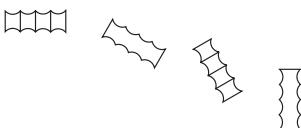


Figure 2

24. Using all of the letters in the phrase A CATASTROPHIC PROTON only once each spell out the names of three types of vegetable.

25. ?

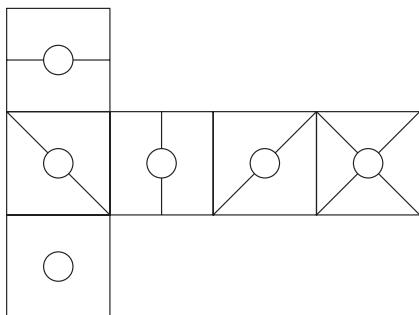


Which figure is missing?

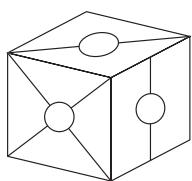


26. Which two words are most opposite in meaning?  
 validation, revival, sarcasm, extinction, rebellion, fissure

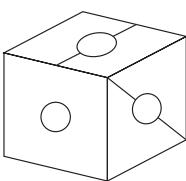
27.



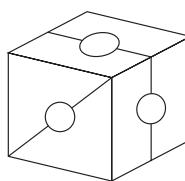
When the above is folded to form a cube, which is the only one of the following that *can* be produced?



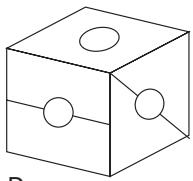
A



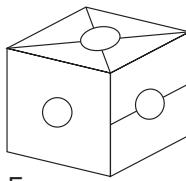
B



C



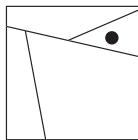
D



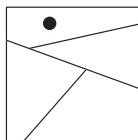
E

28. Which word in brackets is most opposite in meaning to the word in capitals?  
SENSIBLE (unaware, subordinate, irrational, outlandish, irreverent)
29. 9, 16, 13, 13, 17, 10, 21, 7, ?  
What number should replace the question mark?
30. dirty, berry, hint, knot  
Which one word below shares a common feature with all four words above?  
part, cost, near, find, open
31. AFFIRM DEMON is an anagram of which phrase (5, 2, 4)? Clue: inclination.

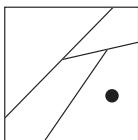
32.



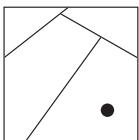
Which square below has most in common with the square above?



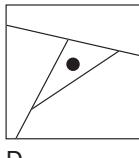
A



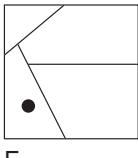
B



C



D



E

33. 70     91     120

14     13     24

5     7     ?

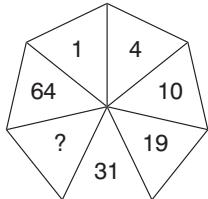
What number should replace the question mark?

34. A B C D E F G H

What letter is two letters to the right of the letter immediately to the left of the letter four letters to the right of the letter two letters to the left of the letter E?

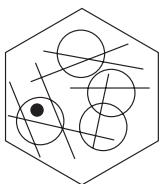
35. POLLUTE SPICE is an anagram of which phrase (4, 2, 6)? Clue: demolish.

36.

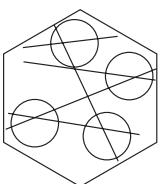
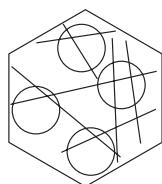
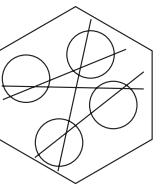
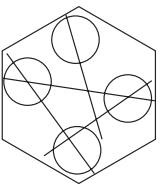
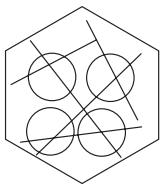


What number should replace the question mark?

37.



To which hexagon below can a dot be added so that it then meets the same conditions as in the hexagon above?



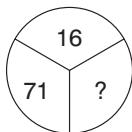
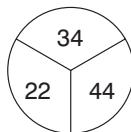
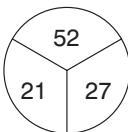
38. A greengrocer received a boxful of tomatoes and on opening the box found that several had gone bad. He then counted them up so that he could make a formal complaint and found that 68 were mouldy, which was 16 per cent of the total contents of the box. How many tomatoes were in the box?

39. EMPTY (PRISM) VIRUS

DEPTH (\*\*\*\*\* DUALS

What word is coded to appear in the second bracket?

40.

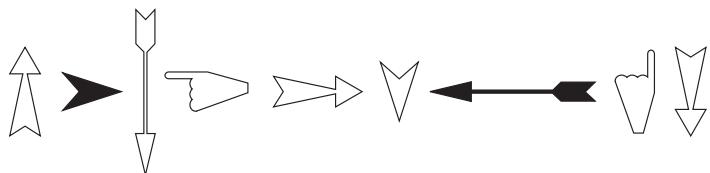


What number should replace the question mark?

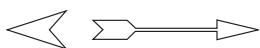
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# Test Eleven: Questions

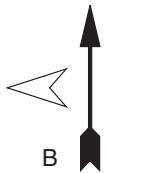
1.



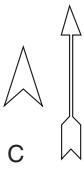
Which two arrows come next?



A



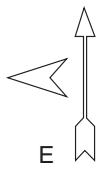
B



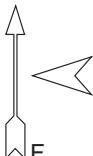
C



D



E



F

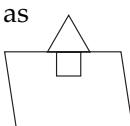
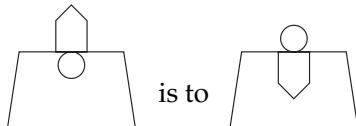
2. PIANIST RULES is an anagram of which two words that are opposite in meaning?

3. Work from letter to adjacent letter, horizontally, vertically or diagonally to spell out a 12-letter word. You must find the starting point and provide the missing letters.

I	T	S	*
A	L	O	O
N	C	O	*

4. How many minutes is it before 12 noon if 16 minutes ago it was three times as many minutes after 9 am?

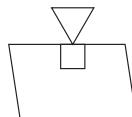
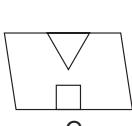
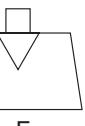
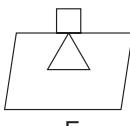
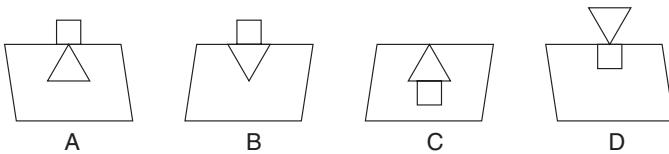
5.



as



is to



E

F

G

H

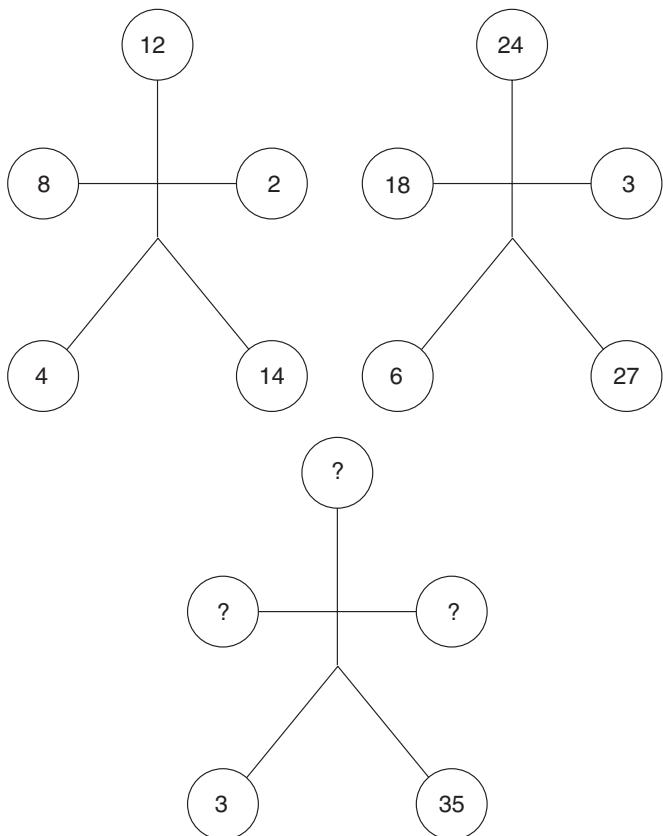
6. Which is the odd one out?

vixen, vulpine, reynard, lupine, brush

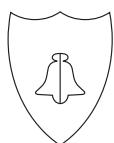
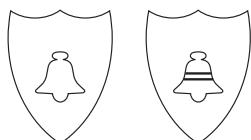
7. Which word can be placed in the brackets that has the same meaning as the words either side of the brackets?

ARMADA (-----) SWIFT

8. Insert the correct numbers to replace the question marks.



9.



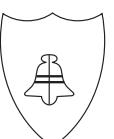
Which is the missing shield?



A



B



C

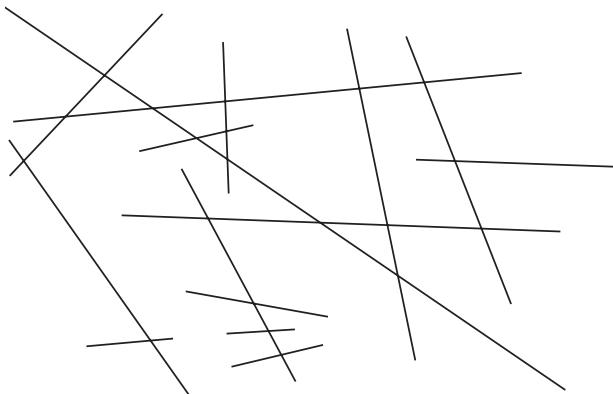


D

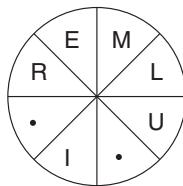
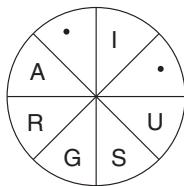


E

10. Beaufort is to wind as Munsell is to:  
music, colour, minerals, weight, intelligence
11. Solve the cryptic clue. The answer is a nine-letter word anagram within the clue:  
wise bands deteriorate into lasciviousnes
12. 64521 is to 41256 as 38297 is to:  
a. 89732;      b. 29873;  
c. 92837;      d. 87923;  
e. 87932.
13. How many lines appear below?



14. Complete the two eight-letter words that are synonyms, one reading clockwise and the other anticlockwise. In each word, you must provide the missing letters and find the starting points.

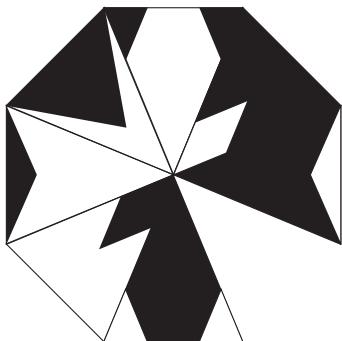


15. Find a word that when tacked onto the end of the first word produces another word or phrase and when placed in front of the second word produces another word or phrase.

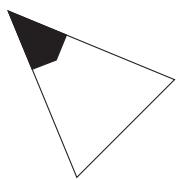
BONE (-----) TOWN

16. What number comes next in this sequence?  
1, 3, 11, 47, ?

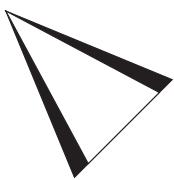
17.



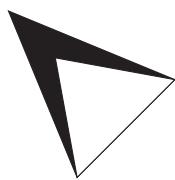
Which is the missing segment?



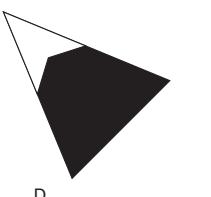
A



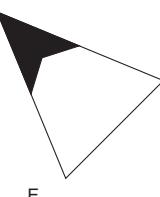
B



C

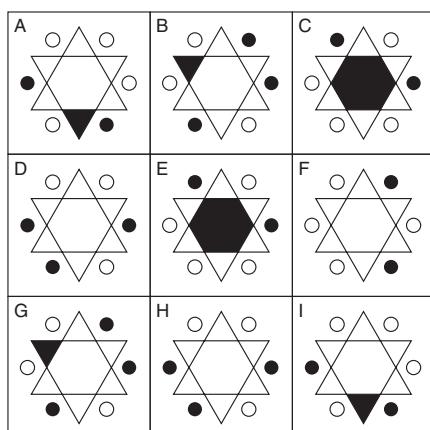


D



E

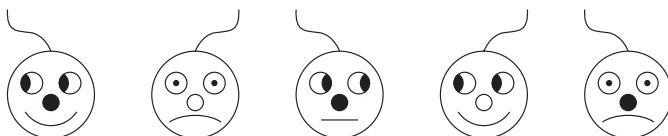
18. Change one letter only in each word to produce a familiar phrase.  
go hit us
19. What number comes next in this sequence?  
100, 97.25, 91.75, 83.5, ?
20. Which is the odd one out?



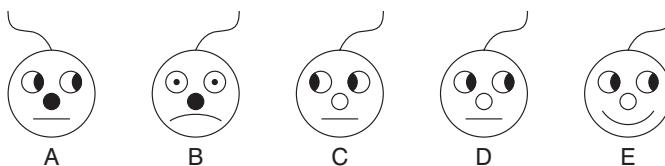
21. Which of the following is not a colour or colour shade?

such tent cap riot red navel cats lie for fans

22.



What comes next?



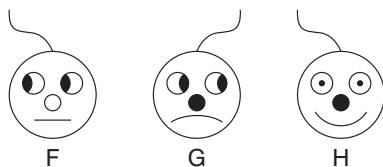
A

B

C

D

E



F

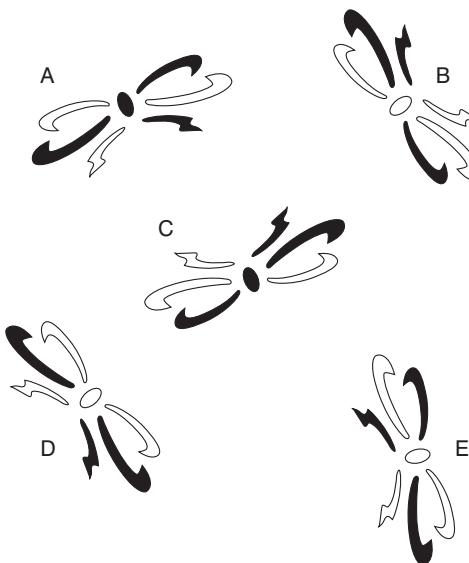
G

H

23. Find a magic number square in the grid where all lines, ie, horizontal, vertical and corner to corner, add up to the same total.

25	21	19	20	35	45
22	20	24	5	10	30
18	23	26	40	25	15
7	15	25	9	13	11
8	17	10	15	10	14
16	12	14	16	12	17
3	13	18	11	9	8

24. Which is the odd one out?



25. Which is the odd one out?

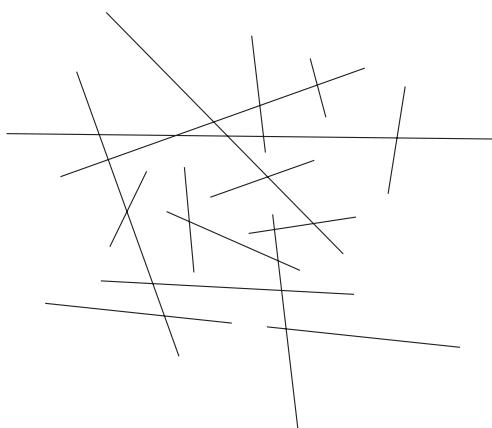
frisk, gambol, frolic, romp, lope

26. Complete the words so that the last two letters of the first word are the first two letters of the second word etc. The last two letters of the fourth word must also be the first two letters of the first word to complete the circle.

\*\*CO\*\*      \*\*SS\*\*      \*\*AP\*\*      \*\*RI\*\*

27. A train travelling at a speed of 50 mph enters a tunnel that is 1.75 miles long. The length of the train is  $\frac{3}{8}$  miles. How long does it take for all the train to pass through the tunnel, from the moment the front enters to the moment the rear emerges?

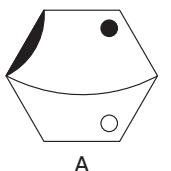
28. How many lines appear below?



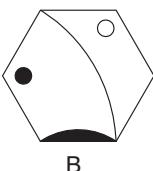
29. dormitory is to sleep as refectory is to:  
study, eat, meet, pray, speak
30. SUNDAY      MONDAY      TUESDAY      WEDNESDAY  
THURSDAY      FRIDAY      SATURDAY
- Which day comes three days before the day that comes two days after the day that comes two days after the day that comes three days before Wednesday?
31. What numbers should replace the question marks?

3	8	2	9	1
5	7	6	4	5
8	5	8	6	7
1	9	2	8	3
5	4	6	7	5
?	?	?	?	?

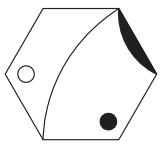
32. Which is the odd one out?



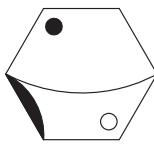
A



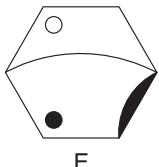
B



C



D



E

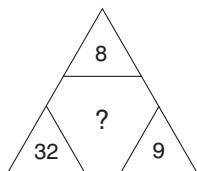
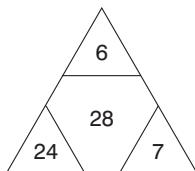
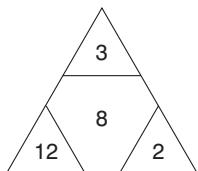
33. Insert the same three letters into the blank spaces to find two words that are opposite in meaning.

- - - F A N E  
- - - P E R

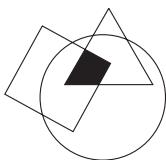
34. Only one of the sets of five letters below can be rearranged to spell out a five-letter English word. Find the word.

JUCBI   NEACH   METAP   TPHED   MUDOP   ABUMG   ERVIC

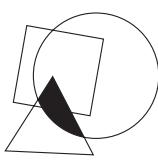
35. What number should replace the question mark?



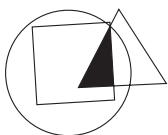
36. Which is the odd one out?



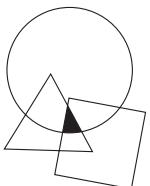
A



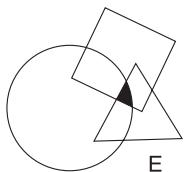
B



C



D



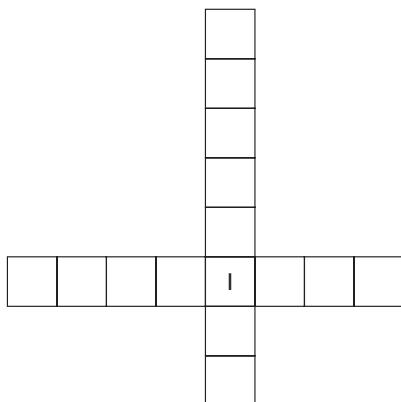
E

37. What is the meaning of adumbrate?

- a. come forward;
- b. to obscure;
- c. flattery;
- d. appeal to;
- e. speak off the cuff.

38. Insert the letters into the grid to form two words that together form a phrase.

LLY COT EVA TEN MR



39. Insert the numbers into the circles so that, for any particular circle, the sum of the numbers in the circles connected to it equals the value corresponding to that circled number in the list.

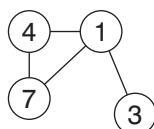
For example:

$$1 = 14 \quad (4 + 7 + 3)$$

$$4 = 8 \quad (7 + 1)$$

$$7 = 5 \quad (4 + 1)$$

$$3 = 1$$



$$1 = 15$$

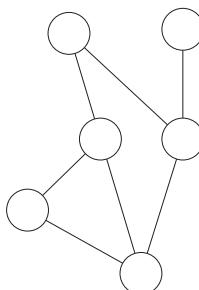
$$2 = 5$$

$$3 = 9$$

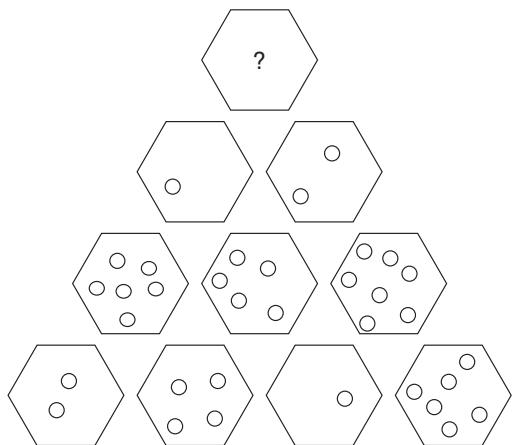
$$4 = 10$$

$$5 = 6$$

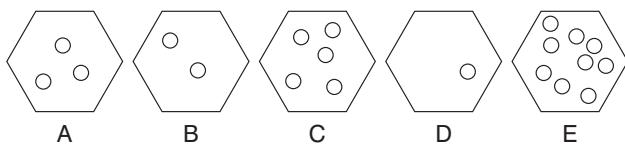
$$6 = 5$$



40.



Which hexagon should replace the question mark?



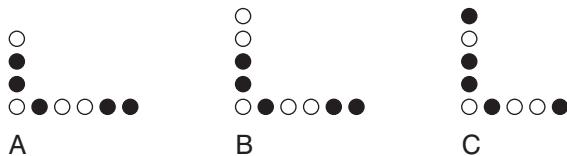
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# Test Twelve: Questions

1.



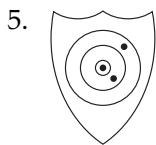
What comes next?



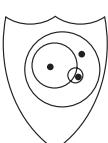
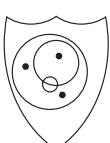
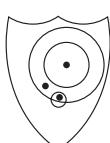
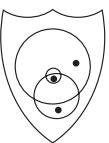
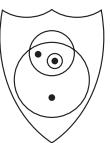
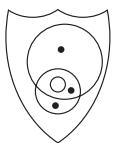
2. MEAN ACTORS is an anagram of which two words that are similar in meaning?  
3. Start at one of the corner squares and spiral clockwise around the perimeter to spell out a nine-letter word, finishing at the centre square. You have to provide the missing letters.

A      S      S  
\*      T      T  
\*      A      E

4. A man jogs at 6 mph over a certain journey and walks back over the same journey at 3 mph. What is his average speed for the journey?



The contents of which shield below are most like the contents of the shield above?

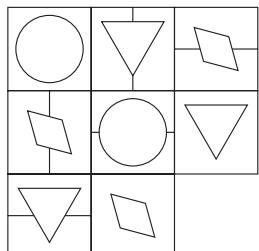


6. Which word can be placed in the brackets that has the same meaning as the definitions either side of the brackets?

IMPEDE (-----) LARGE BASKET

7. If a car had increased its average speed for a 210-mile journey by 5 mph, the journey would have been completed in one hour less. What was the original speed of the car for the journey?

8.

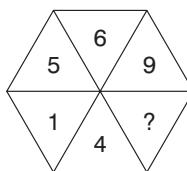
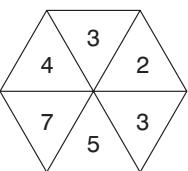
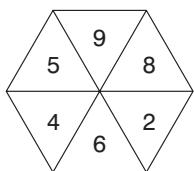


Which is the missing square?



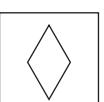
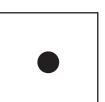
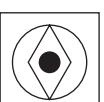
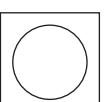
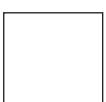
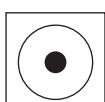
9. Which is the odd one out?  
mollify, mitigate, indurate, macerate, temper
10. Solve the cryptic clue. The answer is a 13-letter word anagram within the clue:  
reword a keen phrase as in classic theatrical tradition
11. Which word below is in the wrong column?  

sinistral	recto
southpaw	dextral
larboard	verso
	starboard
12. What number should replace the question mark?



- 13.
- |  |  |  |  |  |  |
|--|--|--|--|--|--|
|  |  |  |  |  |  |
|--|--|--|--|--|--|

What comes next?



A

B

C

D

E

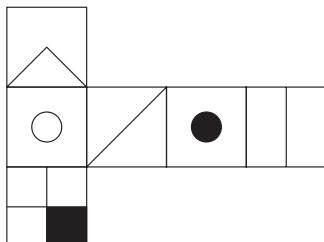
F

14. passé is to outmoded as obsolete is to:  
stale, superseded, antediluvian, vintage, timeworn
15. Find the starting point and work from letter to letter horizontally, vertically or diagonally to spell out a 17-letter phrase.

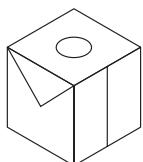
E	S	N		
K	L	O		
I	R	I	K	E
	E	L	F	
H	T	A		

16. At 12 noon my watch was correct. However, it then started to lose 18 minutes per hour. Four hours ago it stopped completely and is now showing the time as 15.30. What is the correct time?

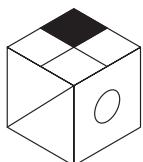
17.



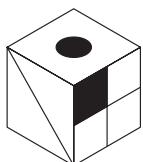
When the above is folded to form a cube, which one of the following can be produced?



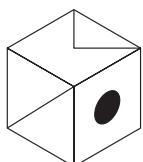
A



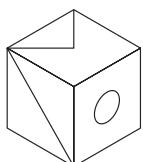
B



C



D



E

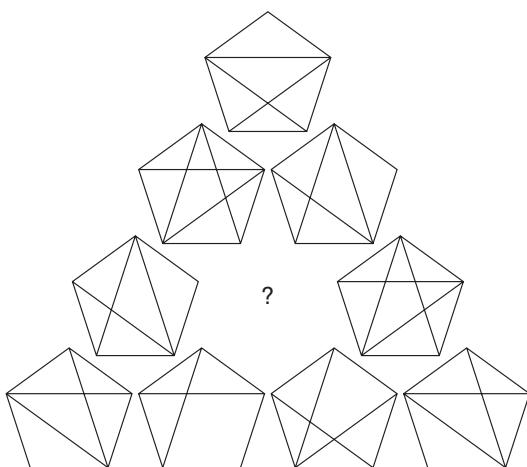
18. Which of the following is not an anagram of a type of building?

spoil hat my bases pet hens eel clog admit us

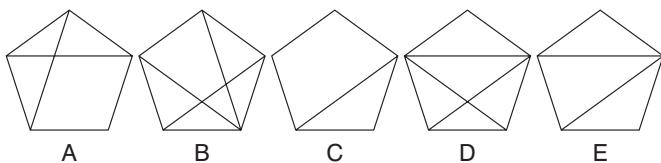
19. What continues the following sequence?

1, 2.65, 4.3, 5.95, 7.6, ?

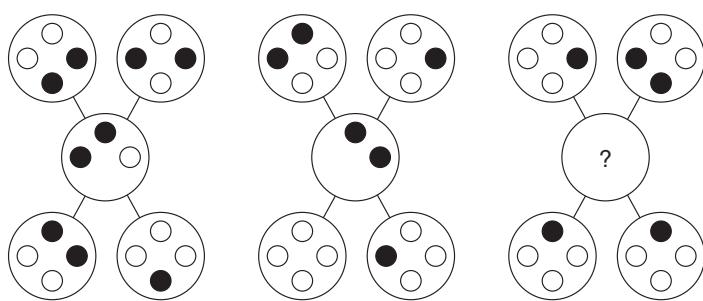
20.



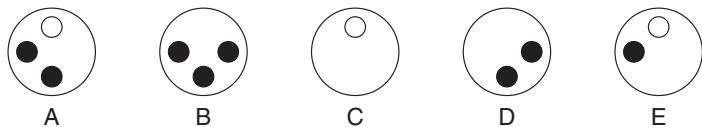
Which is the missing pentagon?



21.



Which circle should replace the question mark?



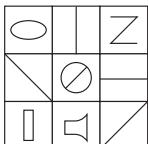
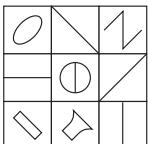
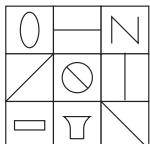
22. Which of these two words are most opposite in meaning?  
wizened, witless, plump, lavish, taciturn, feasible

23. Solve the cryptic clue. The answer is a 13-letter word anagram within the clue:  
redraw tennis cartoon with trepidation

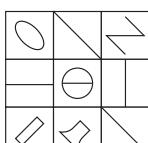
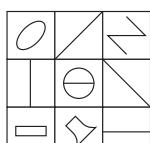
24. What number should replace the question mark?

42	15	14
56	35	8
36	?	4

25.

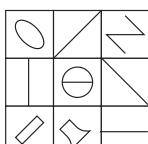
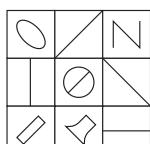


What comes next?



A

B



C

D

26. Which word in brackets is closest in meaning to the word in capitals?

FINESSE (cessation, cleverness, showiness, excellence, opening)

27. Find a word that when tacked onto the end of the first word produces another word or phrase and when placed in front of the second word produces another word or phrase.

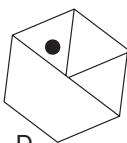
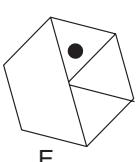
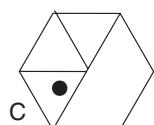
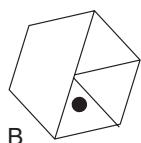
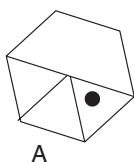
FREE (---) APART

28.



What value of weight should be placed on the scales to balance?

29. Which is the odd one out?



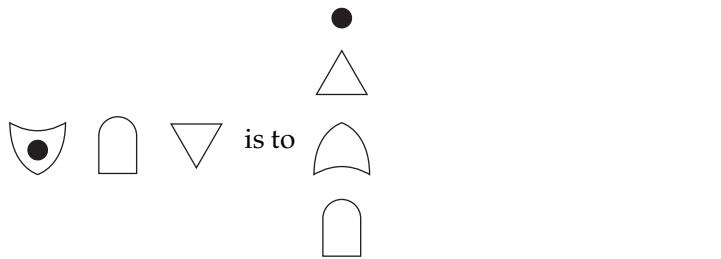
30. Change one letter only in each word to produce a familiar phrase:  
dear if bear put

31. What number should replace the question mark?

37		12		
	4		2	
4		25		51

58		18
	?	
3		49

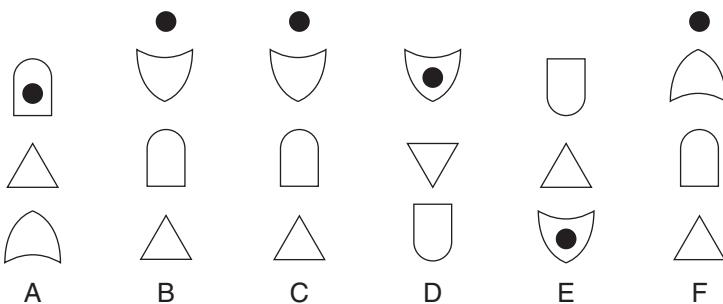
32.



as



is to



33. Which is the odd one out?

fedora, sabot, tarboosh, biretta, cloche

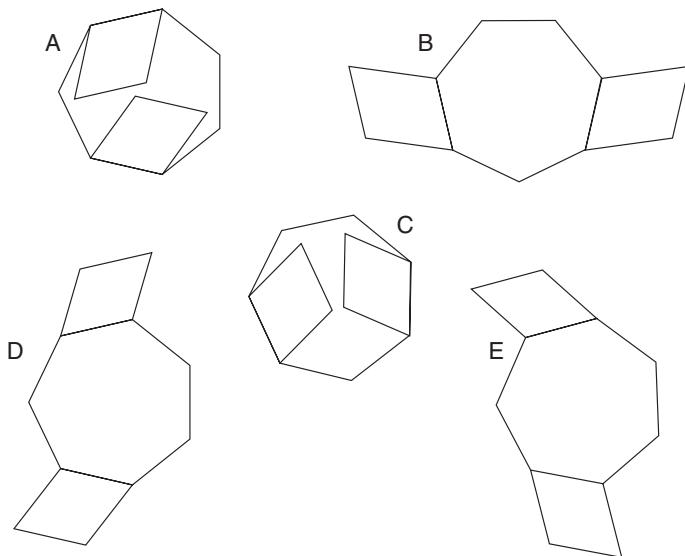
34. Place a three-letter word in the brackets that has the same meaning as the definitions either side of the brackets.

a demand for payment (---) a brownish-grey colour

35. What number should replace the question mark?

?				
4	3			
2	4	2		
2	2	1	4	
4	1	2	1	2

36. Which is the odd one out?



37. palmate is to hand as auriculate is to: nose, face, ear, smell, heel

38. Work from letter to adjacent letter horizontally, vertically and diagonally to spell out a 17-letter phrase.

V	O	D		
E	E	N		
R	B	B	R	A
	A	W	D	
K	C	S		

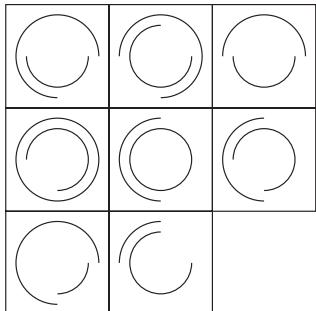
39. What number should replace the question mark?

5	7	4
8	3	6
2	0	1

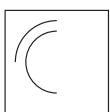
2	1	2
1	7	1
4	5	6

3	2	4
1	?	3
4	5	3

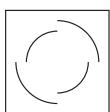
40.



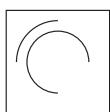
Which is the missing square?



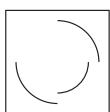
A



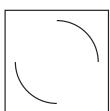
B



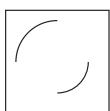
C



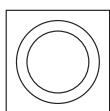
D



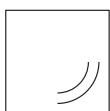
E



F



G



H

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# Test Thirteen: Questions

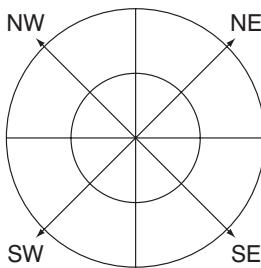
1. Place the letters correctly into the quadrants indicated so that two words of opposite meaning are produced, one reading round the inner circle and one round the outer circle. One word will appear clockwise and the other anticlockwise.

**NE:** READ

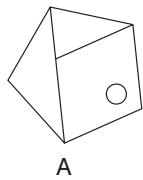
**SE:** YONA

**NW:** VOTE

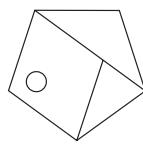
**SW:** BILT



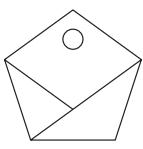
2. Which is the odd one out?



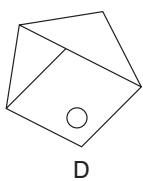
A



B



C



D

3. Solve the cryptic clue. The answer is an 11-letter word anagram within the clue:  
inspect tiny article puzzlingly

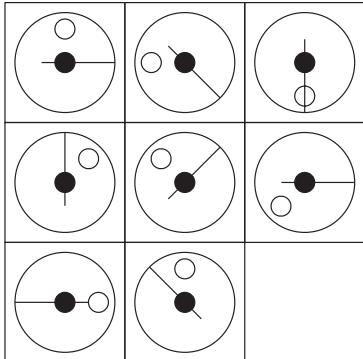
4. What number should replace the question mark?

78214 : 292

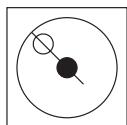
38421 : 459

69517 : ?

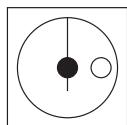
5.



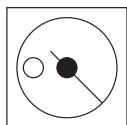
Which is the missing square?



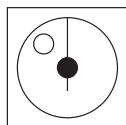
A



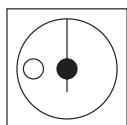
B



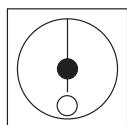
C



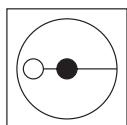
D



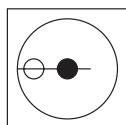
E



F



G



H

6. emancipate is to slavery as liberate is to: domination, burden, duty, responsibility, captivity

7. Insert two letters into each set of brackets so that they finish the word on the left and start the word on the right. The four pairs of letters inserted when read downwards in pairs will spell out an eight-letter word.

MA (\*\*\*) AR

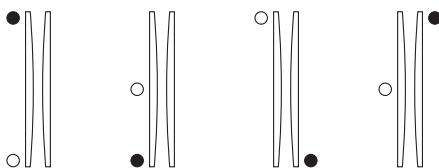
TE (\*\*\*) ID

PI (\*\*\*) RT

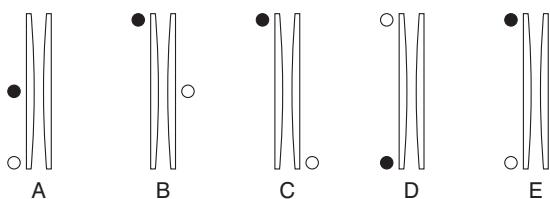
TI (\*\*\*) AL

8. Midway through his round a golfer hits a magnificent 210-yard drive, which brings his average length per drive for the round up to now from 156 to 162 yards. How far would he have had to hit the drive to bring his average length of drive up from 156 to 165 yards?

9.

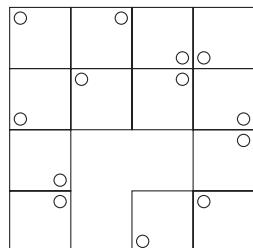


What comes next?

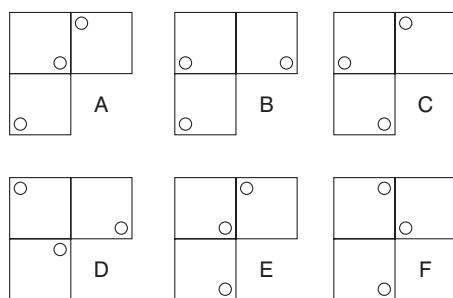


10. Which is the odd one out?  
segment, aggregate, ensemble, compliment, plenitude
11. Which two rhyming words mean smash garden tool?
12. Tom and Harry share a certain sum of money in the ratio 3 : 5. If Harry has £240, how much money is shared?

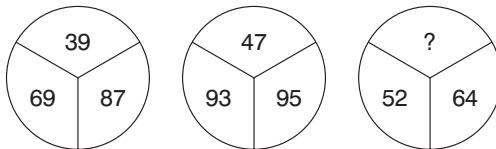
13.



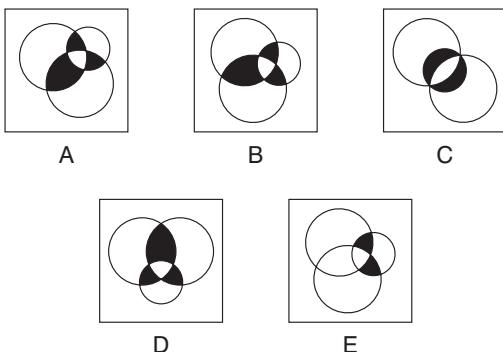
Which is the missing segment?



14. Which of the following is not an anagram of a job or profession?  
 rein gene lee crock can chime mean lass no treaty
15. What number should replace the question mark?



16. Which is the odd one out?



17. Seven synonyms of the keyword TREMENDOUS are listed. Take one letter in turn from each of the seven synonyms to spell out a further synonym of the keyword.  
 great, terrific, monstrous, vast, enormous, gigantic, colossal
18. Which set of letters is the odd one out?  
 LMNQP EFGJI RSTWV IJKON OPQTS

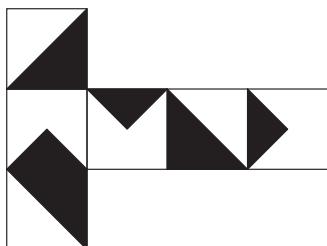
19.

5	4	8	1	7
1	7	3	2	7
9	3	4	6	5
8	9	4	6	8
6	2	4	1	2

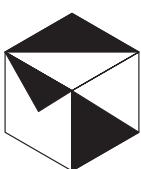
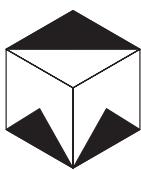
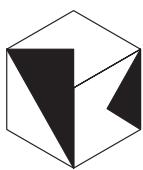
5	1	9	8	3
8	2	4	8	1
7	6	1	2	9
7	4	2	6	7
3	7	5	1	9

Find a string of four numbers in the first grid that also appears as a string of four numbers in the same order in the second grid. However, in each grid the string of four numbers may appear reading forwards, backwards, vertically, horizontally or diagonally.

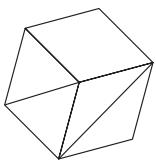
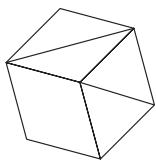
20.



When the above is folded to form a cube, just one of the following can be produced. Which one?

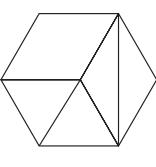
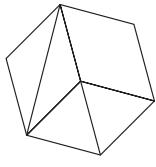


21. Which is the odd one out?



A

B



C

D

22. Which two words are closest in meaning?

functional, vestigial, rudimentary, proficient, disappointing, savage

23. Find a word that when tacked onto the end of the first word produces another word or phrase and when placed in front of the second word produces another word or phrase.

WELL OUT

24. What number should replace the question mark?

3 8 6 36

7 4 2 14

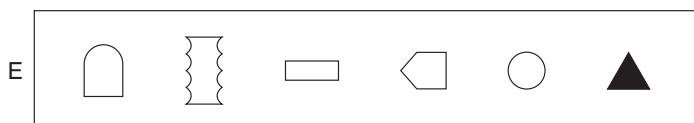
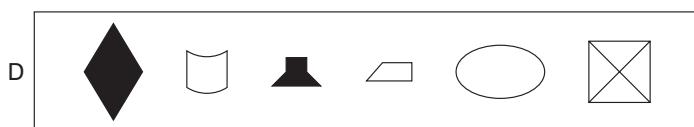
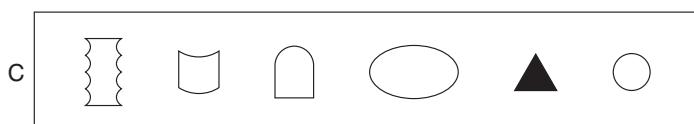
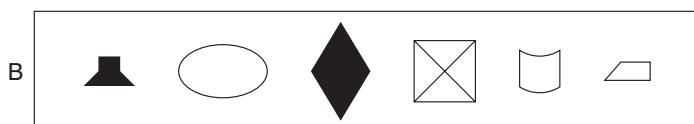
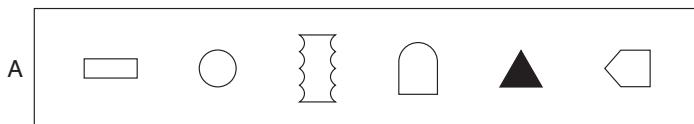
6 8 4 48

9 6 2 ?

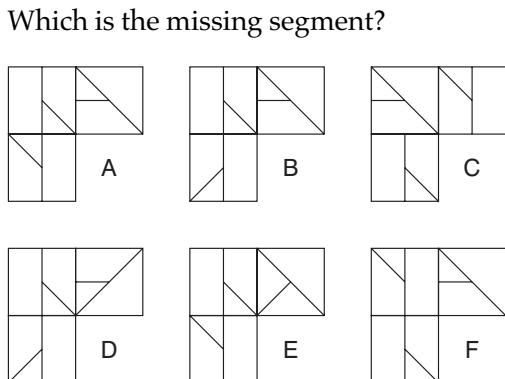
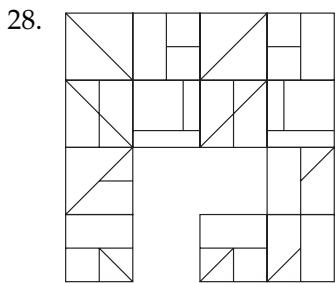
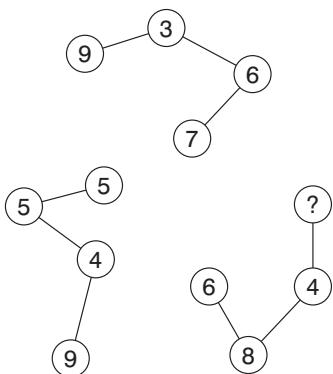
25. Change one letter only in each word to produce a familiar phrase.

so might say on

26. Which line of figures is the odd one out?



27. What number should replace the question mark?



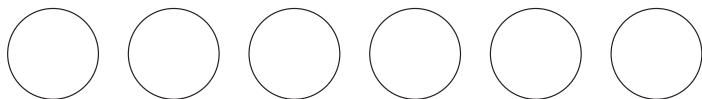
29. Which word in brackets is most opposite to the word in capitals?

IMPECUNIOUS (accessible, tolerant, affluent, flawed, mortal)

30. Solve the anagram in brackets (12-letter word) to complete the quotation by Alfred North Whitehead.

We think in (agile entries); we live in detail.

31.



Insert the numbers 1–6 inclusive in the circles so that:

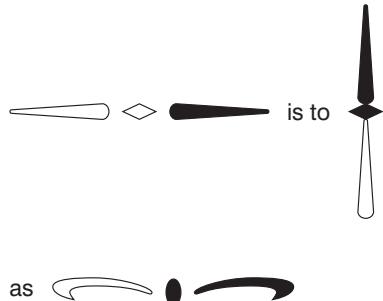
the sum of the numbers 4 and 5 and all the numbers in between = 19;

the sum of the numbers 6 and 3 and all the numbers in between = 10;

the sum of the numbers 2 and 1 and all the numbers in between = 11;

the sum of the numbers 4 and 3 and all the numbers in between = 14.

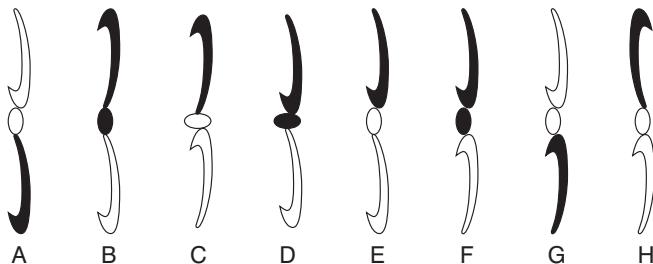
32.



as



is to



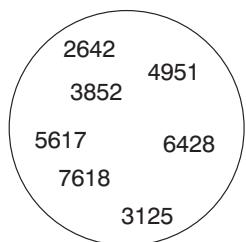
33. Which is the odd one out?

devise, contemplate, contrive, design, concoct

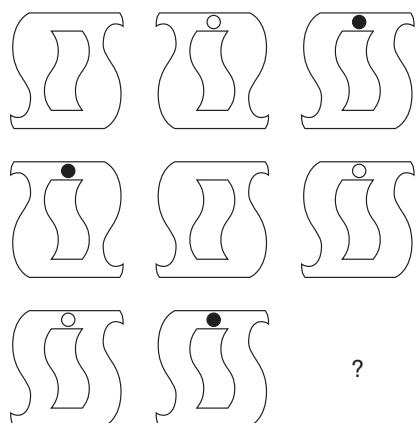
34. Solve the anagrams to find one word that is opposite in meaning to the rest.

rude tie no rating dear Len elite art

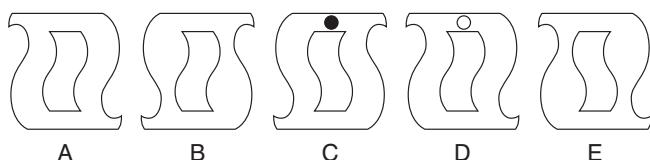
35. Which number is the odd one out?



36.



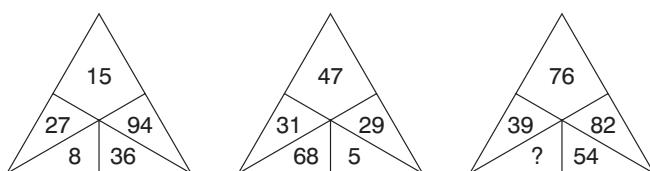
Which figure should replace the question mark?



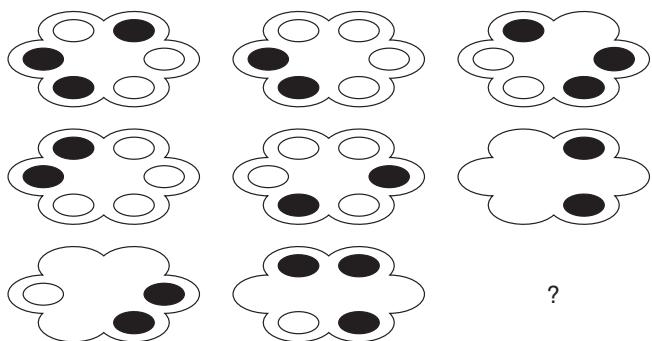
37. expert is to maven as novice is to: votary, sibling, tyro, boffin, scholar

38. What is the longest word that can be produced from the following 10 letters?  
MUERVHANYL

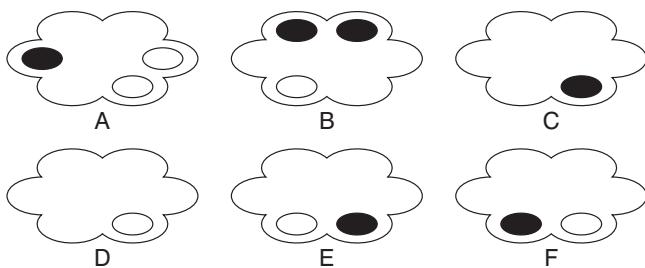
39. What number should replace the question mark?



40.



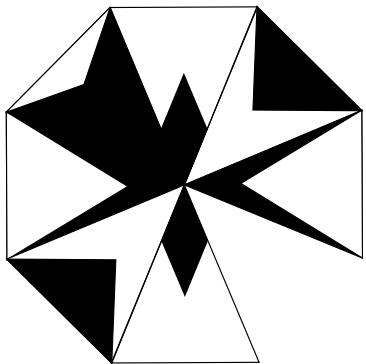
Which figure should replace the question mark?



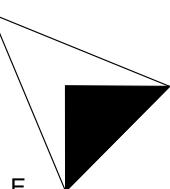
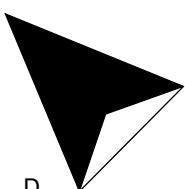
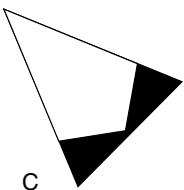
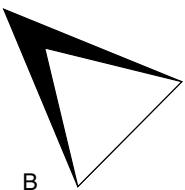
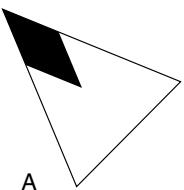
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# Test Fourteen: Questions

1.



Which is the missing section?



2. Add one letter, not necessarily the same letter, to the beginning, middle or end of each of these words to form two other words that are similar in meaning.

tip aunt

3. What letter comes next?

A D H K O ?

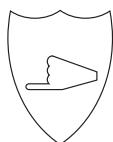
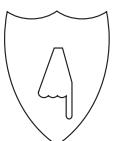
4. What numbers should replace the question marks?

5 3 8 1 2 5

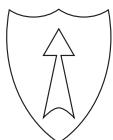
7 2 2 4 9 3

2 5 6 5 ? ?

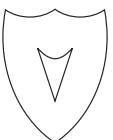
5.



Which is the missing shield?



A



B



C



D



E

6. CUBED RESULT is an anagram of which two words that are opposite in meaning?

7. surmise is to conjecture as axiom is to: custom, idea, concept, caprice, premise

8. What number should replace the question mark?

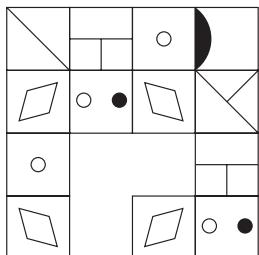
18 6 15 9

13 11 7 17

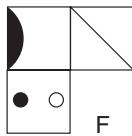
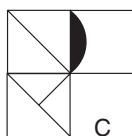
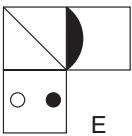
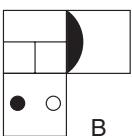
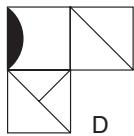
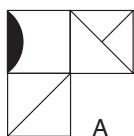
5 19 ? 3

16 8 14 10

9.



Which is the missing segment?



10. Which is the odd one out?

lampoon, pillory, spoof, burlesque, skit

11. Which two rhyming words mean the same as DELIGHTFUL OFFERING?

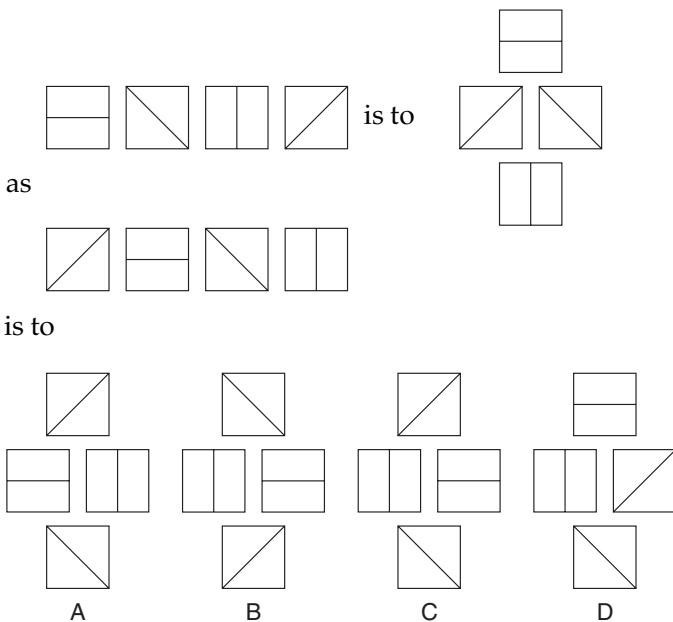
12. What number should replace the question mark?

3925 : 277

4697 : 2416

6257 : ?

13.



14. Which of the following is not an anagram of a musical term?

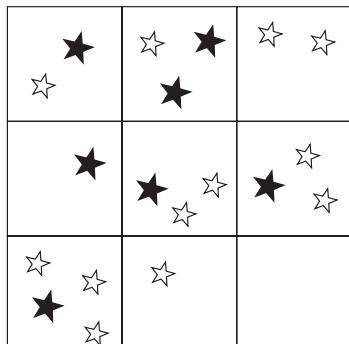
no baiter   rent coco   revue rot   rod arch   shop yard

15. Insert the missing number in each grid.

3	9	6	7
4	9		6
3	4	8	8
2	7	4	9

7	9	3	4
9	8	5	2
6	9	7	6
5	4	9	

16.



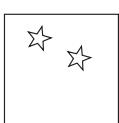
Which is the missing square?



A



B



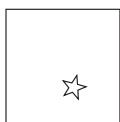
C



D



E



F



G



H

17. NICE OLD NOUN is an anagram of which familiar phrase (two, five, four letters).

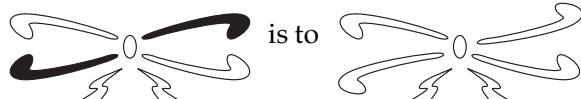
Clue: the height of bliss?

18. Kate has a quarter as many again as Peter and Peter has a third as many again as Jill. Altogether they have 120. How many has each?

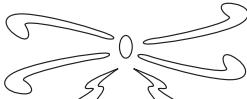
19. Change one letter only in each word to produce a familiar phrase.

so dive I dot O bid came

20.



is to



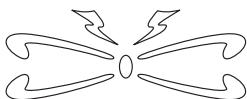
as



is to



A



B



C

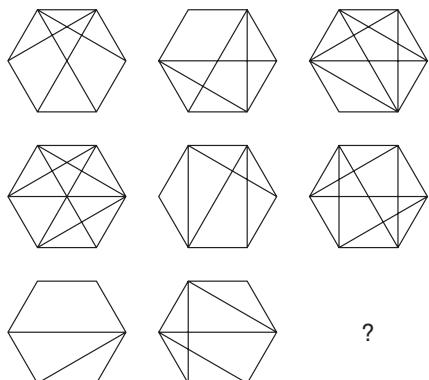


D

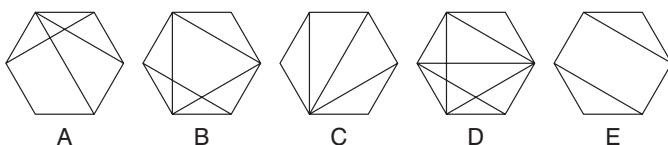
21. What number should replace the question mark?

1		1			2	3	2
	4			2			3
2		2			2		2
	4			2			3
3	5	3			4	3	
3		3		3	?		
1			2		3		2
		1			2		

22.



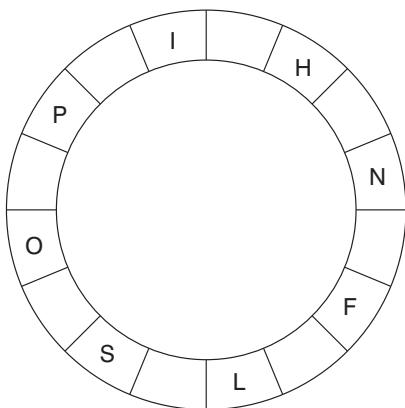
Which hexagon should replace the question mark?



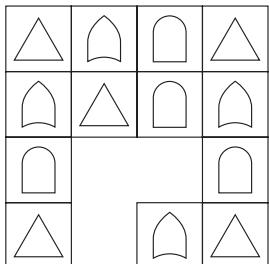
23. Restore the vowels to the row of letters below to spell out four words that are similar in meaning. All consonants are in the correct order.

D R C H R S H V N R T R V R

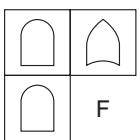
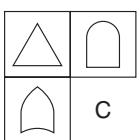
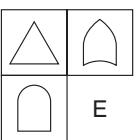
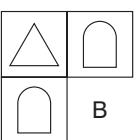
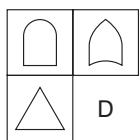
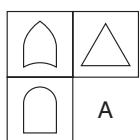
24. Insert the missing letters to spell out a familiar phrase reading clockwise. Only alternate letters are shown and you must find the starting point.



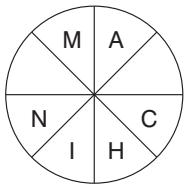
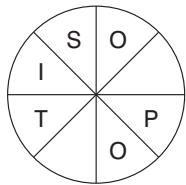
25.



Which is the missing segment?

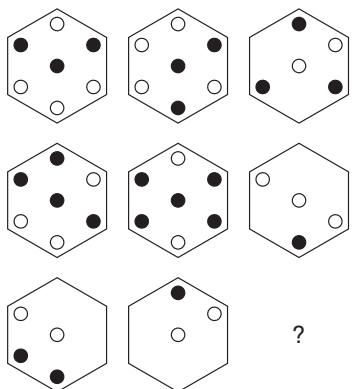


26. Find two words, one reading clockwise round one circle and the other anti-clockwise round the other circle, which are antonyms. You must find the starting points and provide the missing letters.

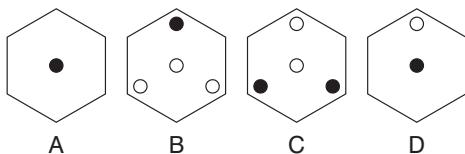


27. Only one set of five letters below can be rearranged to spell out a five-letter English word. Find the word.  
GOZAM TROMC PLACT OECLR MUYJP TANRO EFOLC
28. How many minutes is it before 12 noon if 90 minutes ago it was twice as many minutes past 8 am?

29.



Which hexagon should replace the question mark?



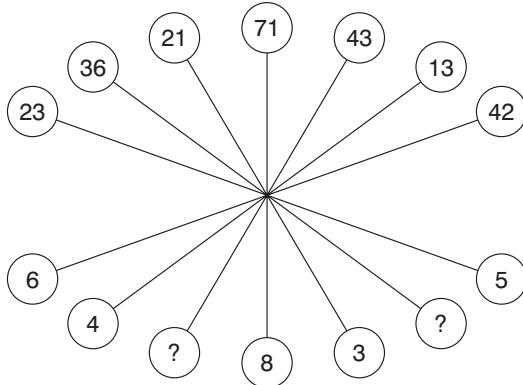
30. Which is the odd one out?

drapes, realtor, fanlight, diaper, tuxedo

31. A B C D E F G H

Which letter is two to the right of the letter immediately to the left of the letter three to the right of the letter immediately to the right of the letter A?

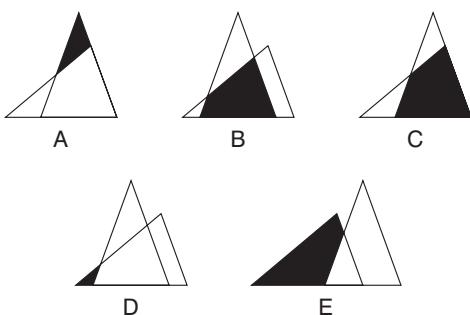
32. What numbers should replace the question marks?



33.



Which of the options below continues the above sequence?



34. patella is to kneecap as sternum is to: collarbone, jawbone, thighbone, breastbone, shoulder-blade.

35. Start at one of the corner squares and spiral clockwise round the perimeter to spell out a nine-letter word, finishing at the centre. You must provide the missing letters.

N	I	N
E	*	S
*	L	U

36. If Tony's age + Cherie's age = 80 and Tony's age + Gordon's age = 98 and Cherie's age + Gordon's age = 94, how old are Tony, Cherie and Gordon?

37. Which is the odd one out?

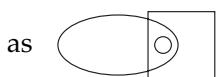
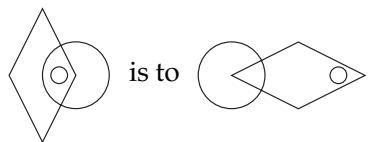
1 ○	2 ○ ●	3 ○ ○ ●
●		
4 ○ ● ●	5 ○ ● ●	6 ○ ●
	●	
7 ○ ● ○ ○	8 ● ○ ● ●	9 ○ ● ●
10 ○ ● ○	11 ● ○ ○	12 ● ○ ● ●
	●	
13 ○ ●	14 ○ ○ ●	15 ● ○ ○ ●

38. Which of the following is not an anagram of an animal?

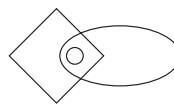
one leapt take choir the plane trap hen leg laze

39. Out of 100 women surveyed leaving Harrods, 83 had a white bag, 77 had black shoes, 62 carried an umbrella and 95 wore a ring. What is the minimum number of women who must have had all four items?

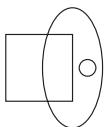
40.



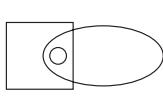
is to



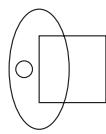
A



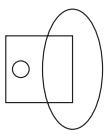
B



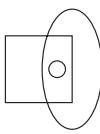
C



D



E

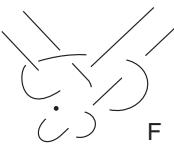
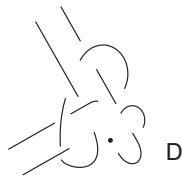
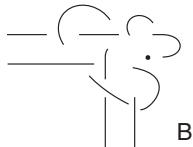
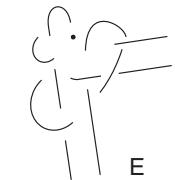
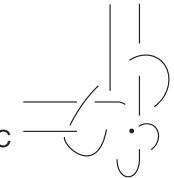
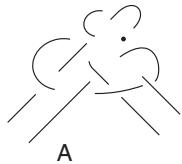


F

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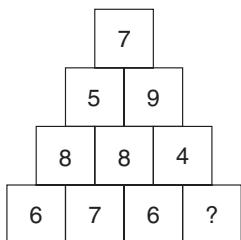
# Test Fifteen: Questions

1. Which is the odd one out?

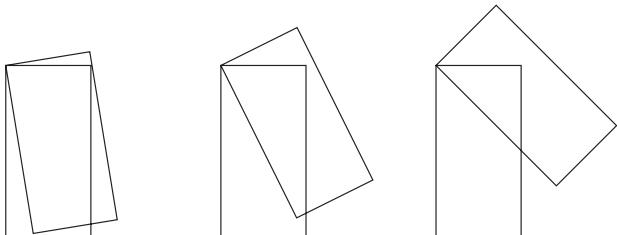


2. female is to nanny as male is to: Joey, Tommy, Harry, Billy, Larry
3. Change one letter only in each word to produce a familiar phrase.  
tin fog cat

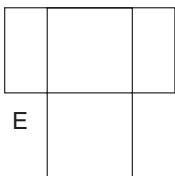
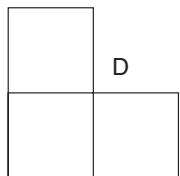
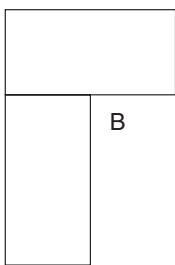
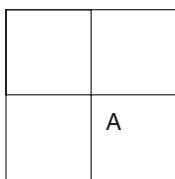
4. What number should replace the question mark?



- 5.



What comes next?



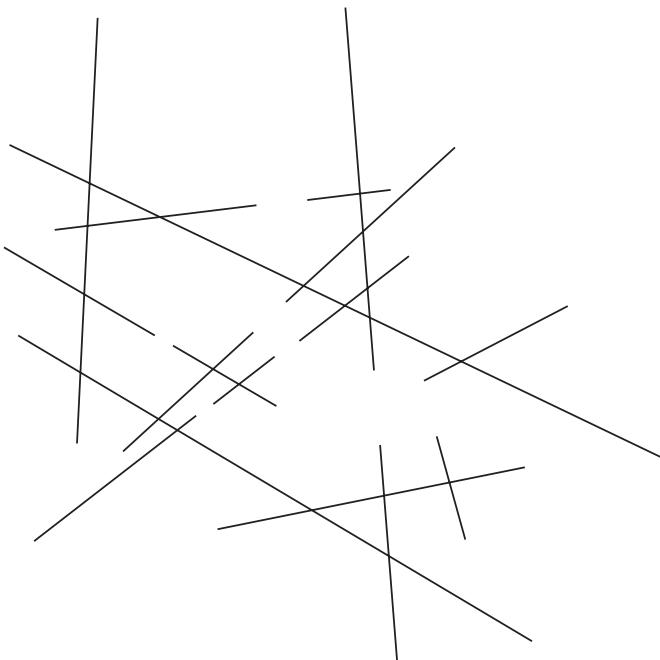
6. Which is the odd one out?

calypso, concerto, aria, shanty, madrigal

7. Insert a word in the brackets that has the same meanings as the definitions either side of the brackets.

ascend (-----) calibration

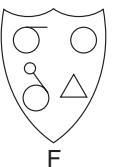
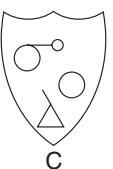
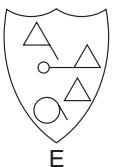
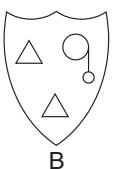
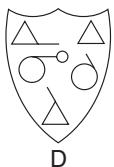
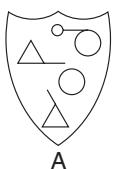
8. I picked a basket full of apples from my orchard. By the time I arrived home, I had given away 75 per cent to my son, 0.625 of the remainder to my son's neighbour and then eaten one of the remainder. I arrived home with just two apples. How many apples did I originally pick from my orchard?
  
9. How many lines appear below?



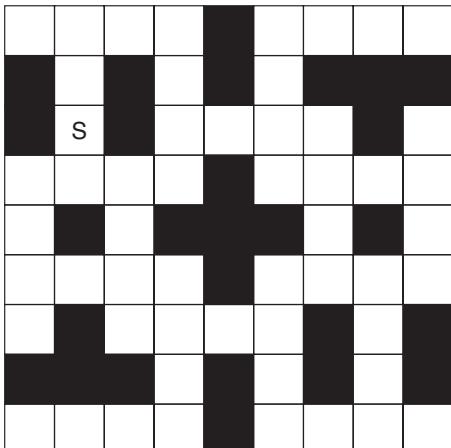
10. Which word in brackets is most opposite in meaning to the word in capitals?  
KNACK (necessity, surplus, ineptitude, facility, quell)
  
11. Solve the anagram in brackets (11 letters) to complete the quotation by Frank Crane.  
Your soul (ironic button) to the sum of things is yourself.
  
12. What number should replace the question mark?

4	2	3	2	5	4
6	7	5	1	7	3
5	1	3	?	6	5

13. Which is the odd one out?



14. Fit the four-letter words into the crossword.

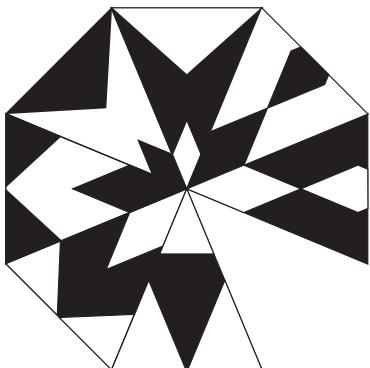


ATOM NOSY COOL LAMP YAWN MAIN SHIP EAST KING VETO PEAK  
UNIT DARK ZEST ZEAL UNDO STAG TAKE TAME SUCH

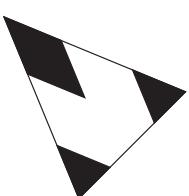
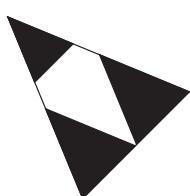
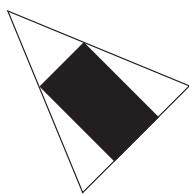
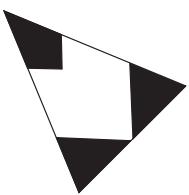
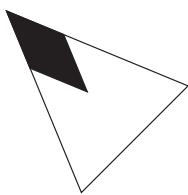
15. Which four numbers should complete the grid?

2	4	8	3	9	2	4
9	8	3	9	2	4	8
3	4			9	8	3
8	2			2	3	9
4	9	3	8	4	9	2
2	9	3	8	4	2	4
3	8	4	2	9	3	8

16.



Which is the missing segment?



17. Place a word in the bracket that creates another word or phrase when tacked onto the end of the first word, and creates another word or phrase when placed in front of the second word.

stone (----) feet

18. What numbers should go on the bottom line?

3    6    9    15

8    2    10    12

11    8    19    27

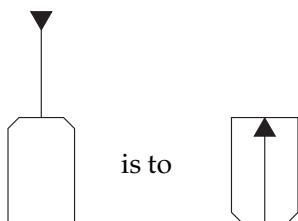
19    10    29    39

?    ?    ?    ?

19. Which two words are closest in meaning?

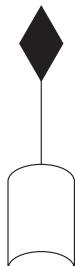
coquetry, flippancy, apathy, adaptability, levity, celerity

20.



is to

as



is to



A

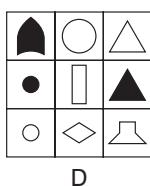
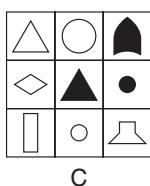
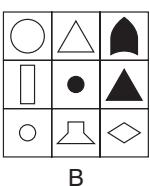
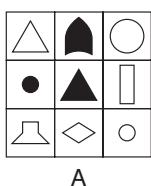
B

C

D

E

21. Which is the odd one out?



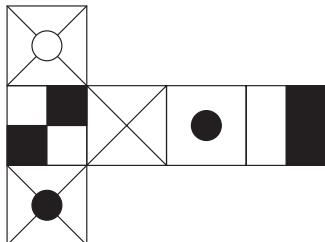
22. Change one letter only in each word to produce a familiar phrase.

may do fan

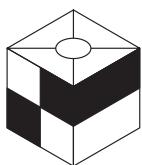
23. exigent is to exacting as convoluted is to: esoteric, onerous, elusive, strenuous, intricate

24. What weighs most: something that weighs 60 kg plus one-sixth of its own weight, or something that weighs 46 kg plus one-third of its own weight?

25.



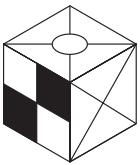
When the above is folded to form a cube, just one of the following can be produced. Which one?



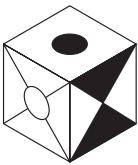
A

B

C



D



E

26. Which is the odd one out?

optimize, retrograde, ameliorate, regenerate, enhance

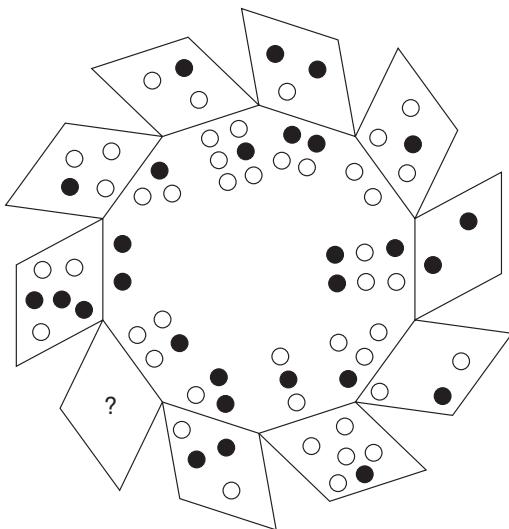
27. What number continues the sequence?

25, 50, 27, 46, 31, 38, 39, ?

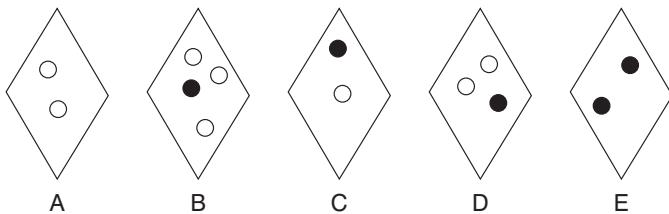
28. Insert a word in the brackets that means the same as the definitions either side of the brackets.

protracted (---) desire

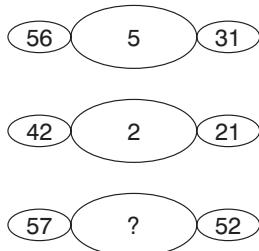
29.



What should replace the question mark?



30. What number should replace the question mark?



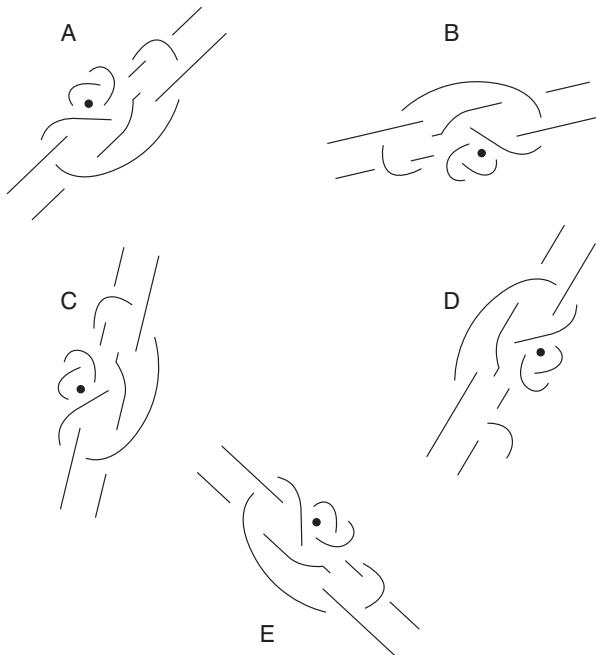
31. What is the longest English word that can be produced from the following 10 letters?

NURDESBOTA

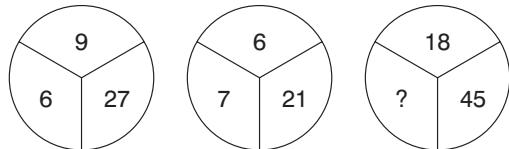
32. Which word in brackets is closest in meaning to the word in capitals?

RAMIFICATION (uproar, regulation, collision, consequence, stronghold)

33. Which is the odd one out?



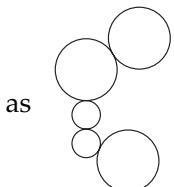
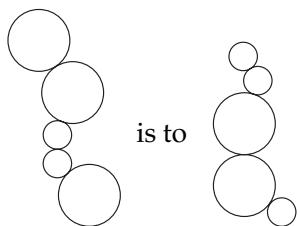
34. What number should replace the question mark?



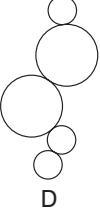
35. Place a word in the bracket that creates another word or phrase when tacked onto the end of the first word, and creates another word or phrase when placed in front of the second word.

march (----) master

36.



is to



A

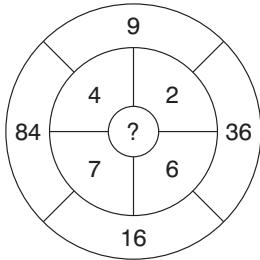
B

C

D

E

37. What number should replace the question mark?



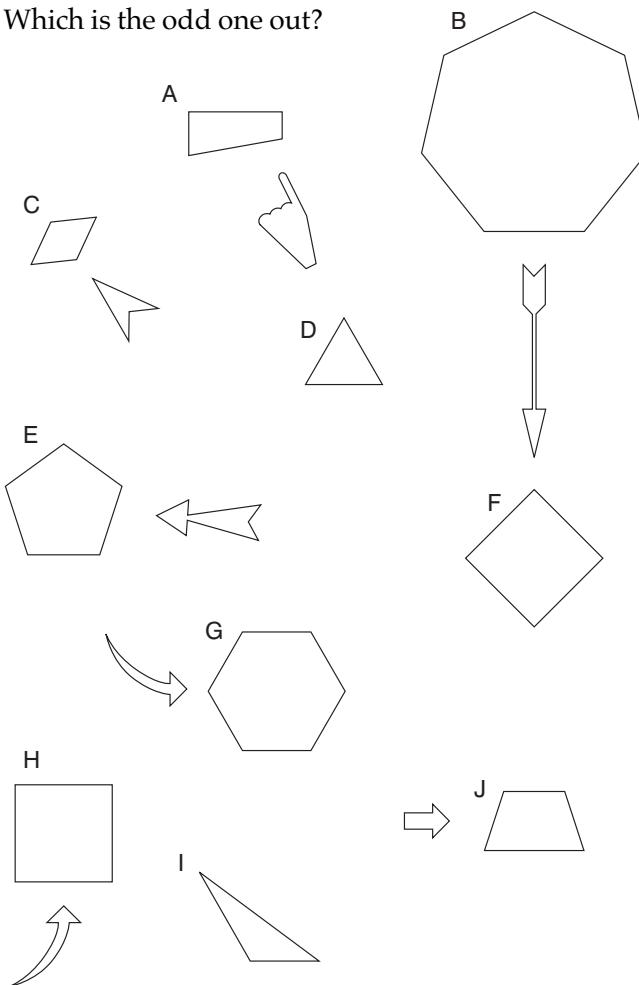
38. UNMARKED SEATS is an anagram of which familiar phrase (four, two, seven letters)?

Clue: sharp

39. Which two of these words are most opposite in meaning?

quaint, allegorical, excellent, factual, bellicose, overt

40. Which is the odd one out?

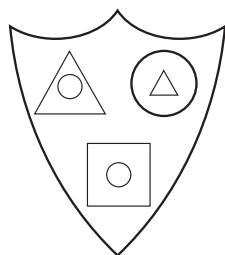


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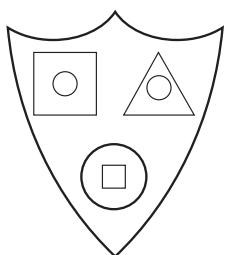
# Test Sixteen: Questions

1. Which word in brackets is closest in meaning to the word in capitals?  
IRREFUTABLE (lost, sure, wise, secure, optimal)

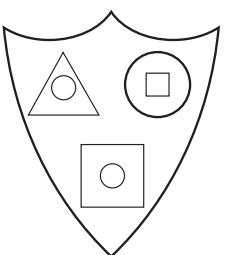
2.



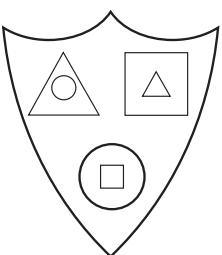
Which shield below is most like the shield above?



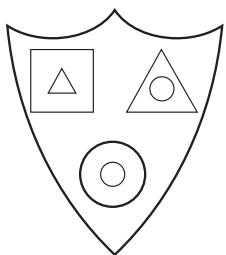
A



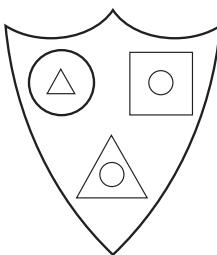
B



C



D



E

3. Insert three body parts (each three letters long) into the gaps to complete the words below:

W \_\_\_ Y

E \_\_\_ Y

T \_\_\_ E

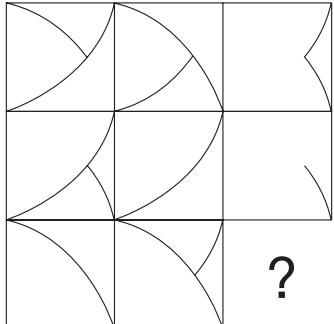
4. What number should replace the question mark?

7	5	6	6
5	4	3	4
2	9	4	?

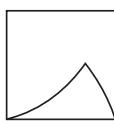
5. Which is the odd one out?

transcend, cascade, plummet, subside, prolapse

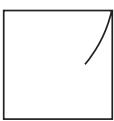
6.



Which square should replace the question mark?



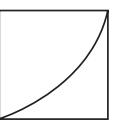
A



B



C



D



E

7. Only one of the following groups of five letters can be arranged to form an English five-letter word. Can you find the word?

MURDC

BEWAP

UNREL

YIGEN

THABL

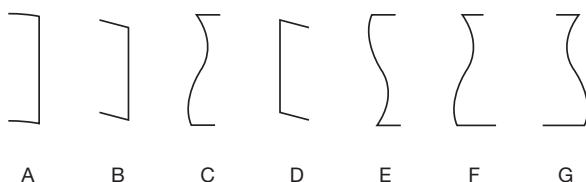
8. Insert a word in the brackets that means the same as the definitions outside the brackets.

lightly-built (        ) give offence to

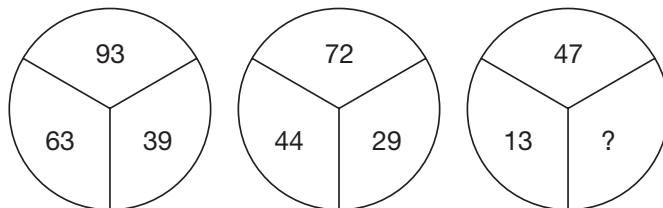
9. A train travelling at a speed of 90 mph enters a tunnel 3.5 miles long. The length of the train is 0.25 miles. How long does it take for all of the train to pass through the tunnel, from the moment the front enters to the moment the rear emerges?
10. auri- is to gold as argent- is to:  
brass, steel, emerald, silver, aluminium



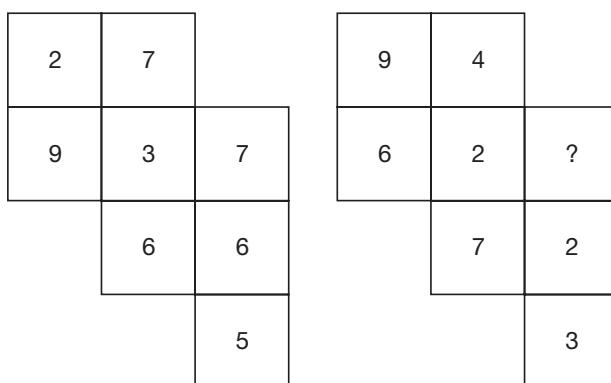
What comes next in the above sequence?



12. What number should replace the question mark?

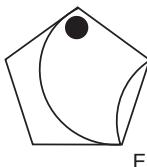
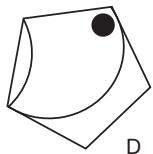
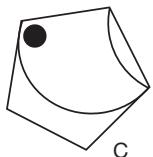
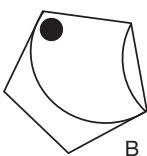
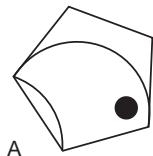


13. Which phrase in brackets is opposite to the phrase in capitals?  
AS A RULE (out of turn, hardly ever, out of date, rough-and-ready, now and again)
14. What number should replace the question mark?

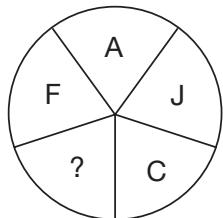


15. In the sequence below, which letter is two to the right of the letter immediately to the left of the letter three to the right of the letter two to the left of the letter D?
- A B C D E F G H

16. Which is the odd one out?



17. What letter should replace the question mark?



18. What phrase is suggested by the arrangement of letters below?

C  
O      N  
F      E      R  
E      N      E

19. Which word when inserted in the brackets will complete the first word and start the second?

IMP ( \_ \_ ) EAR

20. Harbour is to shelter as nurture is to:

shield, rear, secure, pamper, immunize

21. What is the meaning of fastigate?

- a. doubled
- b. slippery
- c. closed
- d. like a pyramid
- e. 5-barred gate

22. Place two three-letter bits together to make a six-letter word.

ING ETS LOW LIN DAF SWA MER NER ROB ODI

Clue: bird.

23. All of the vowels are missing from this trite saying, 'Hood's Warning'. Can you replace them?

BSRTH BRNSN GGDBF RPTTN GTHMT HNGR

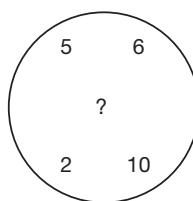
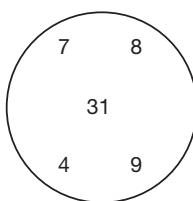
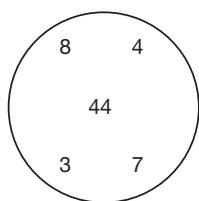
24. What four-letter word is missing in this list?

palm  
mast  
tory

-----

ante  
earn  
nose

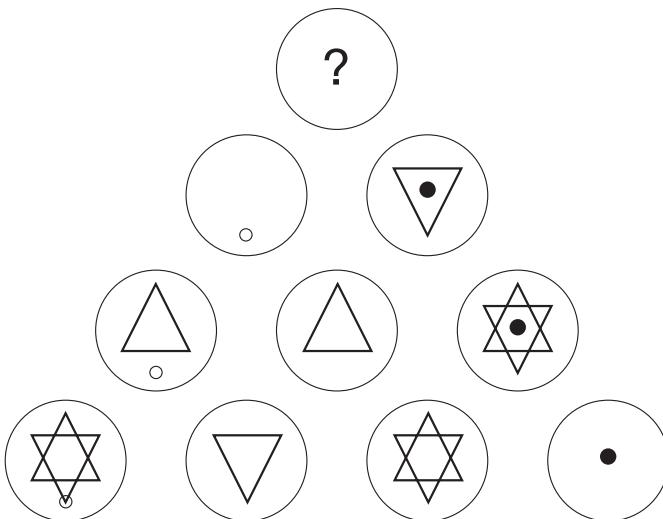
25. Which number should replace the question mark?



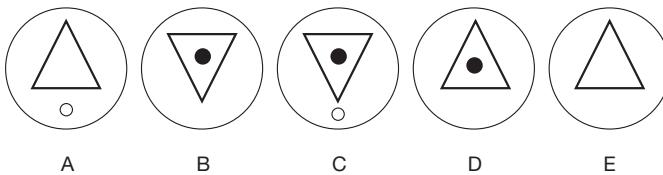
26. See if you can rearrange these words to make a trite saying.

LIBRARY	A	LIKE	BY
TO	READ	A	COLLECT
WOMAN	HE	TIME	CAN
IS	THE	TOO	A
MAN	A	BOOK	OLD

27.



Which circle should replace the question mark?



A

B

C

D

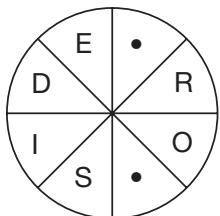
E

28. Identify a number in the grid that meets the two following simple rules:

- It is not in any line across that contains a square.
- It is not in any line down that contains a prime number.

23	36	8	48
7	6	13	16
15	21	3	5
18	25	4	12

29. Fill in the blanks to find a word.



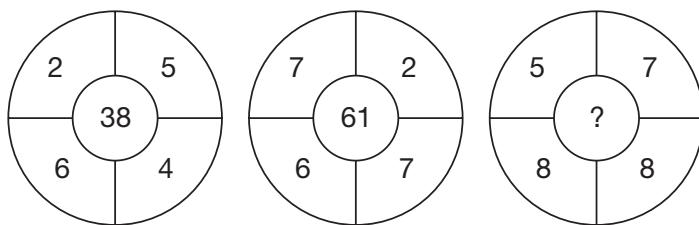
30. What have all of these words in common?

pond  
toga  
seal  
find  
joan  
spin

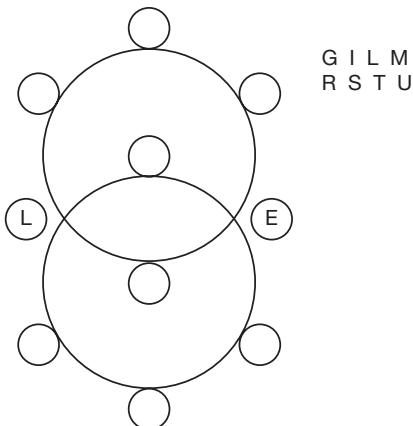
31. Place two four-letter bits together to make an eight-letter word.

PEDI BURT GIGA FRAI ETIK NTIC PHON LING CUBB LICY

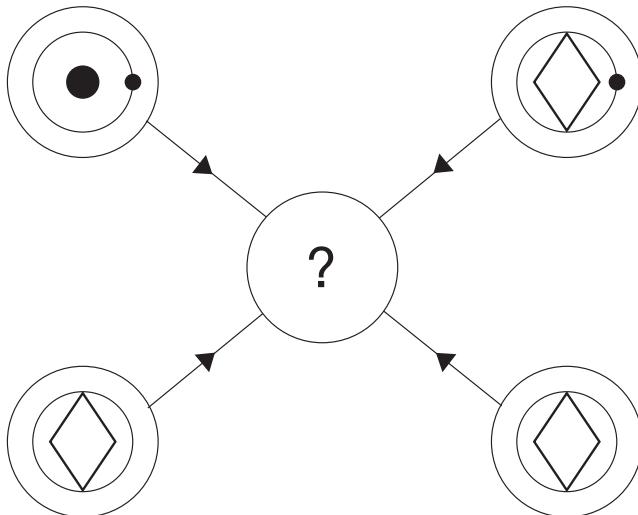
32. What number should replace the question mark?



33. Fill in the letters to spell out two fish of six letters.



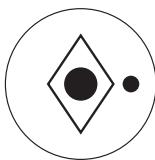
34.



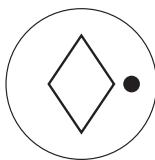
Each line and symbol that appears in the four outer circles, above, is transferred to the centre circle according to these rules. If a line or symbol occurs in the outer circles:

- once: it is transferred
- twice: it is possibly transferred
- 3 times: it is transferred
- 4 times: it is not transferred

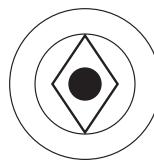
Which of the circles A, B, C, D or E, shown below, should appear at the centre of the diagram, above?



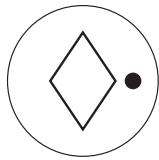
A



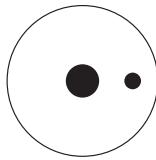
B



C

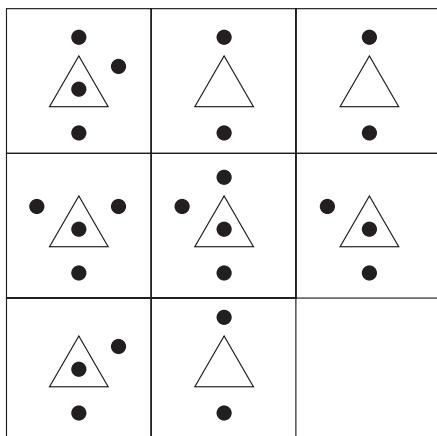


D

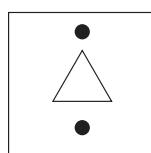


E

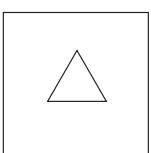
35.



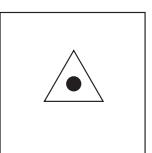
Which is the missing square?



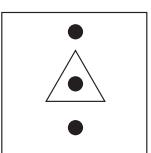
A



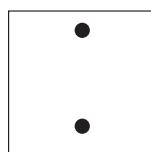
B



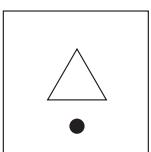
C



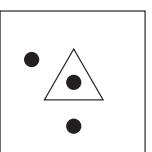
D



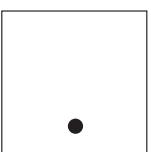
E



F



G



H

36. Replace the vowels to form a word:

C R P C

37. What is an orris?

- a. pepper
- b. horse
- c. flower
- d. architrave

38. Insert a word in the brackets that means the same as the words outside the brackets.

GEM (-----) DUNG BEETLE

39. Which one of B will not fit into A to make six-letter words?

F A O

F A R

F L N

A

L C A

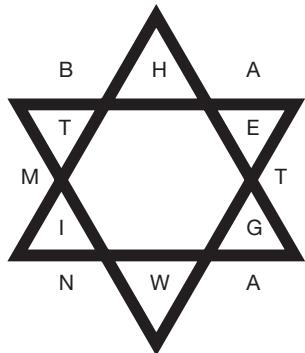
E I E

L G N

I C E

B

40. Find a boxing term made up of six letters outside the star and six letters inside the star.

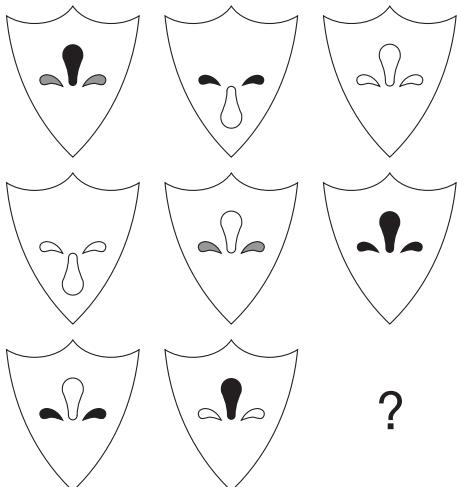


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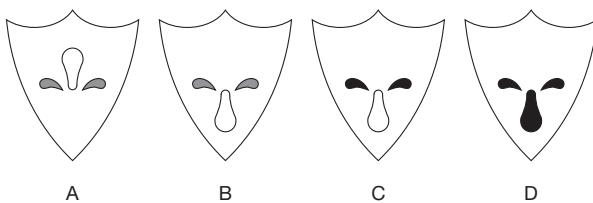
# Test Seventeen: Questions

1. How many minutes is it before 12 noon if 15 minutes ago it was four times as many minutes past 9 am?
2. If meat in a river (3 in 6) is T(ham)es, find a word meaning contented in a country (4 in 10).
3. Which two words are most alike in meaning?  
boycott, litigate, proscribe, sanction, postulate, intend

4.



Which shield should replace the question mark?



5. 'How many steps to the top of the Eiffel Tower?' asked the tourist. '896 steps plus half the number of steps,' replied the gendarme. How many steps are there to the top of the Eiffel Tower?
6. Complete the three words so that the last two letters of the first word are the first two letters of the second word, the last two letters of the second word are the first two letters of the third word, and the last two letters of the third word are the first two letters of the first word, thus completing the circle:  
-- M P --  
-- M I --  
-- G A --

7. Which two words that sound alike but are spelt differently mean pure / hunted?

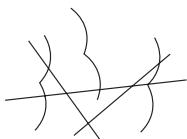
8.



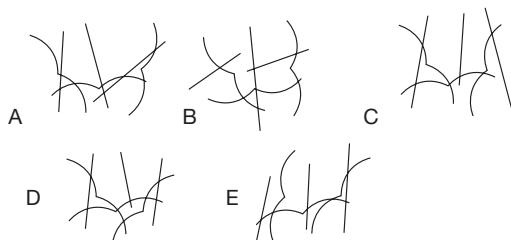
is to:



as:



is to:



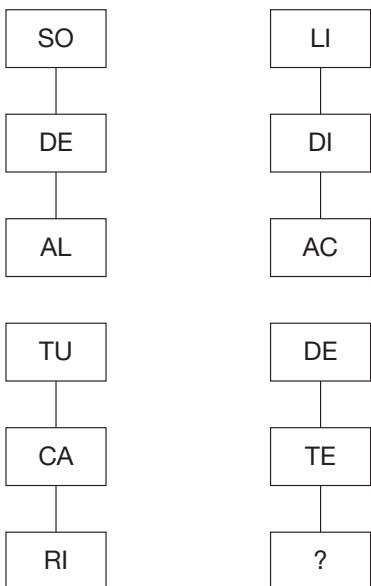
9. Which is the odd one out?

artful, astute, shifty, devious, guileful

10. Insert the letters of the phrase: RAVISH TAIL once each only into the blanks to complete two words which mean the same as the words above them:

wait      pertinent  
\_E\_ \_T\_ \_E    \_E\_ \_T\_ \_E

11. Which two letters should replace the question mark?



12. What number should replace the question mark?

72	(68)	41
28	(98)	16
34	(??)	56

13. Martinmas is to November as Candlemas is to:

January, February, March, October, December

14. A well-known phrase has been divided into groups of three letters that have then been placed in the wrong order. Find the phrase.

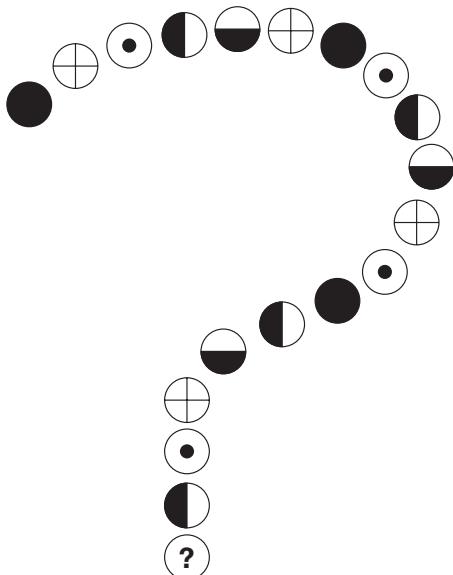
EST HON OBI LTW ONE RDS WIT KIL

15. Find one word in List B that should be placed with the words in List A to replace the question mark.

**List A      List B**

tape	chip
wood	bell
wine	card
deer	bottle
flag	note
?	

16.



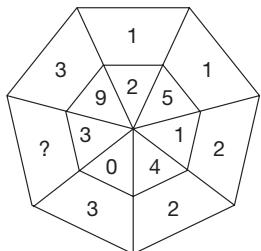
Which circle below should replace the circle with the question mark?

- |   |   |   |   |   |
|---|---|---|---|---|
|   |   |   |   |   |
| A | B | C | D | E |

17. Which two words are the odd ones out?

end	use	domains	precast
rub	can	sadness	met
ace	suburbs	panache	ice
presume	special	attempt	aim

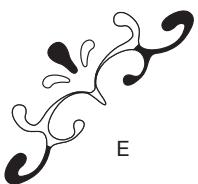
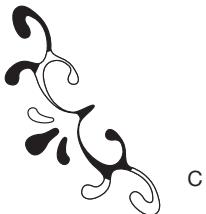
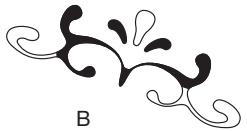
18. What number should replace the question mark?



19. Which word in brackets is opposite to the word in capitals?

MOTLEY (sensible, uniform, smooth, sweet, saturnine)

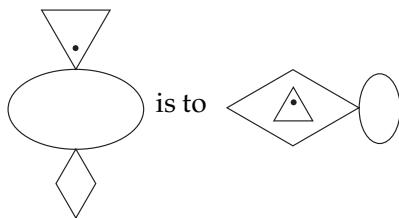
20. Which is the odd one out?



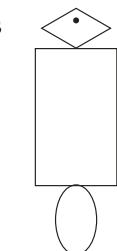
21. What is a lateen?

- a. a musical instrument
- b. a bishop's hat
- c. a sail
- d. a bird

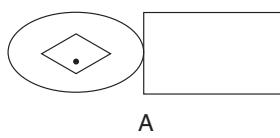
22.



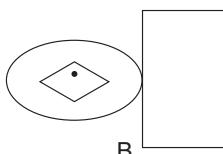
as



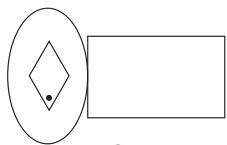
is to



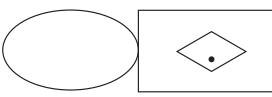
A



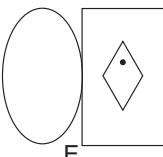
B



C

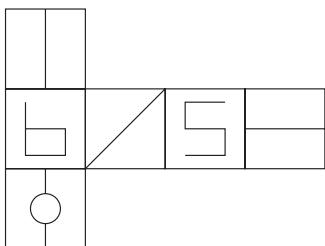


D

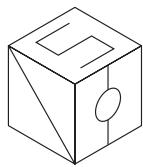
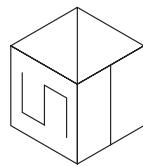
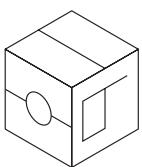
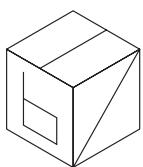
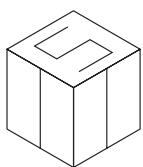


E

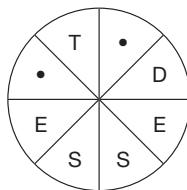
23.



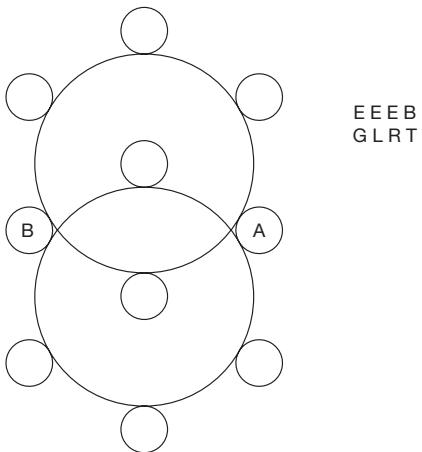
When the above is folded to form a cube, which is the only one of the following that *cannot* be produced?



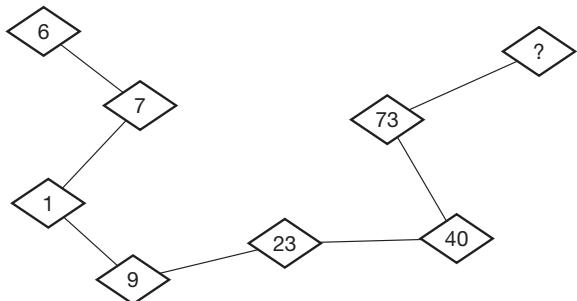
24. Find the missing letters to make a word.



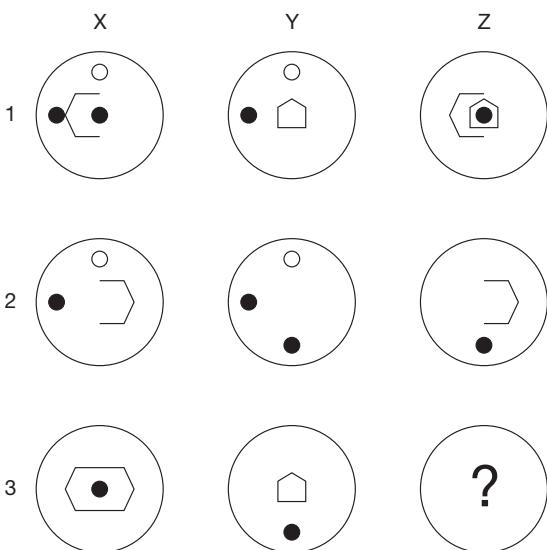
25. Fill in the letters to make two dogs of six letters each.



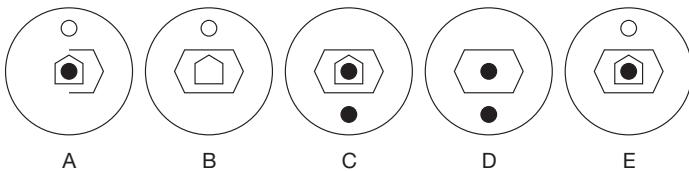
26. What number should replace the question mark?



27.



Which letter should replace the question mark to a definite rule?



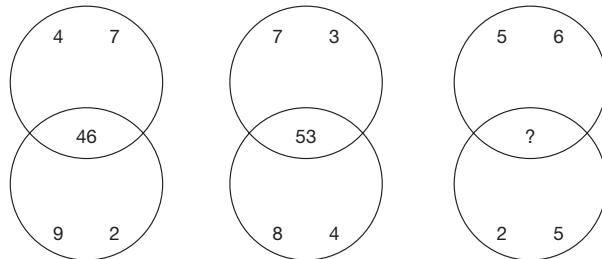
28. Which of the following is always associated with entrecote?
- eels
  - cream
  - rice
  - steak
29. All the vowels have been removed from this trite saying, 'Sukhomlinov's Law'.  
**THMST BRLLN TLYDR SSDRM YWLLS LLYLS**
30. What do all of these words have in common?

calmness  
 undefended  
 firstly  
 sighing  
 disturb

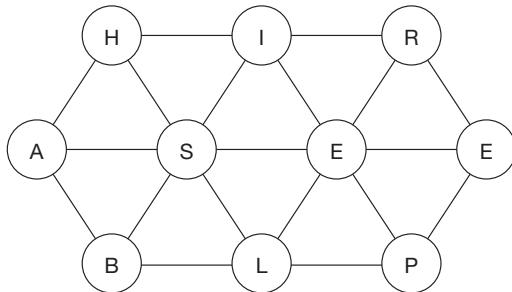
31. What five-letter word can be placed in front of each of these words to make new words?

----- BIRD  
----- CLUB  
----- FALL  
----- JAR  
----- SCHOOL

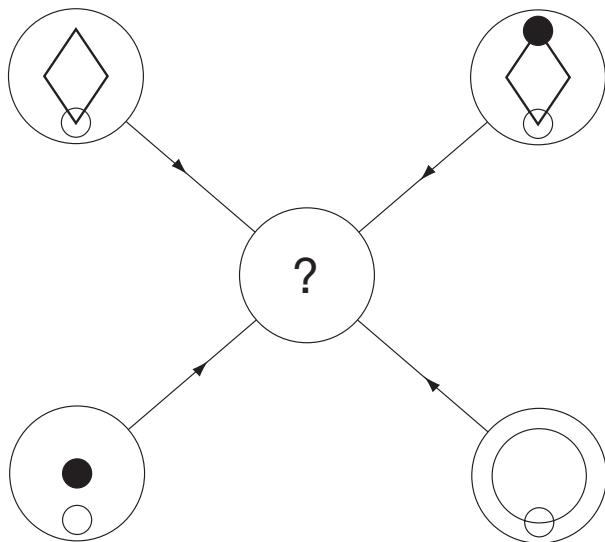
32. What number should replace the question mark?



33. Find the 10-letter word by moving from circle to circle; each circle must only be used once.



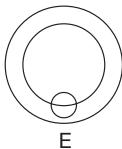
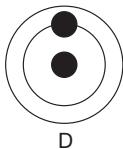
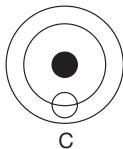
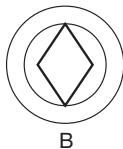
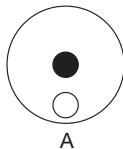
34.



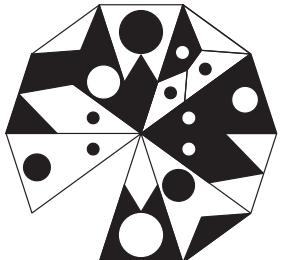
Each line and symbol that appears in the four outer circles, above, is transferred to the centre circle according to these rules. If a line or symbol occurs in the outer circles:

- once: it is transferred
- twice: it is possibly transferred
- 3 times: it is transferred
- 4 times: it is not transferred

Which of the circles A, B, C, D or E, shown below, should appear at the centre of the diagram, above?



35.



Which is the missing segment?



A



B



C



D



E

36. Find a one-word anagram for PETES LAD.

37. Place two three-letter bits together to make a six-letter word.

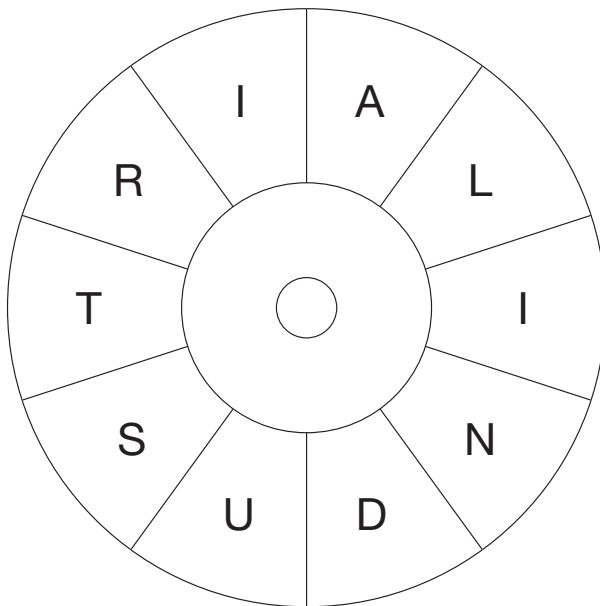
ICE MER RIN SAR SAL WHA PLA DIN LER MAN

Clue: fish

38. Which of the following is not a boat?

- a. brougham
- b. frigate
- c. barque
- d. cutter
- e. dromond

39. What familiar phrase is represented below?



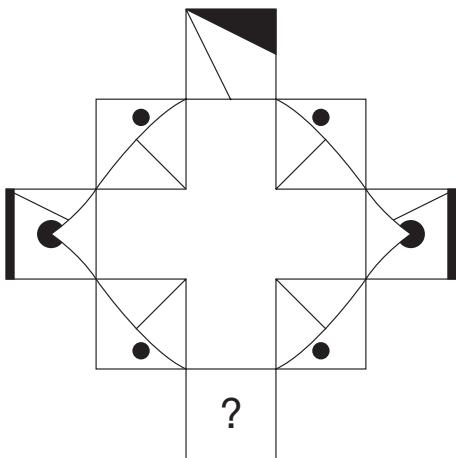
40. Fill in the blanks to find an eight-letter word.

\_A\_R\_D\_N

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# Test Eighteen: Questions

1.



Which square below should replace the question mark?



A



B



C

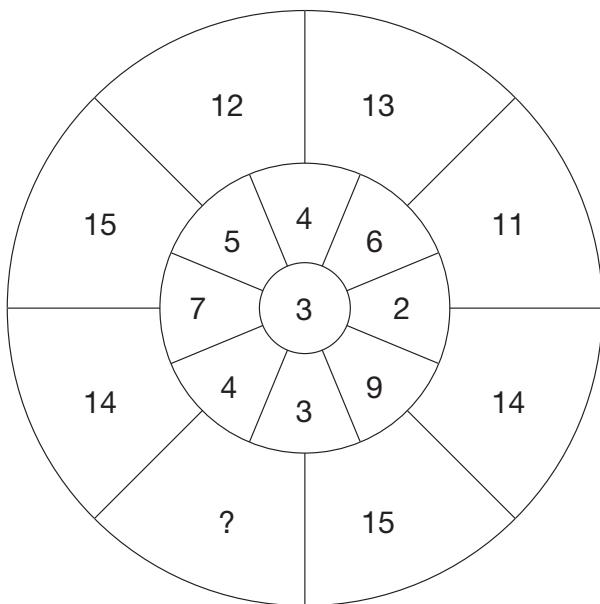


D



E

2. What number should replace the question mark?



3. Which of the following is not an anagram of a type of dog?

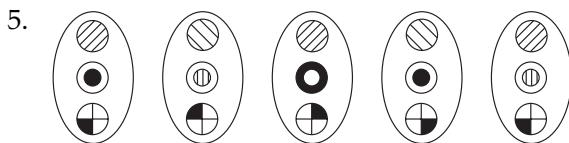
LOOPED  
NO SLAM  
BAG EEL  
SAIL UK  
BASTES

4. Consider the following list of words:

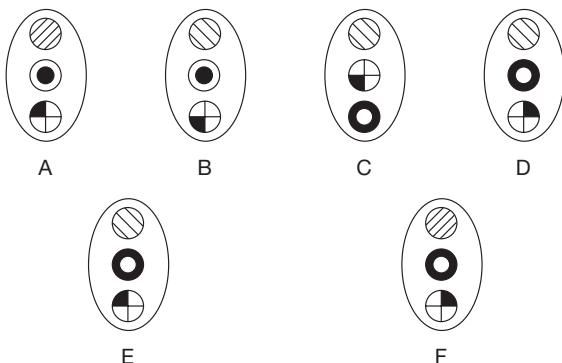
mountain, wine, spoon, tennis

Now choose just one of the following words which has something specific in common with them:

Saturday, friendship, manners, hope, chant

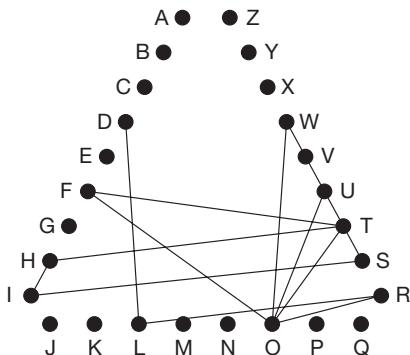


What comes next in the above sequence?



6. Find the starting point and track along the connecting lines from letter to letter to spell out a well-known phrase (3, 2, 4, 5).

*Note:* when travelling from letter to letter along a side of a triangle, lines may have to pass through letters that are not part of the solution.



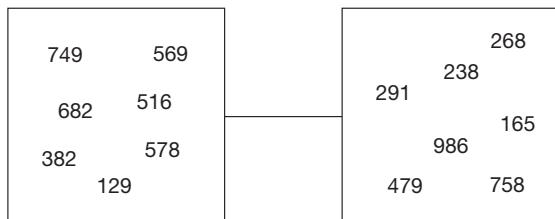
7. Which word, when inserted in the brackets, will complete the first word and start the second?

High (      ) beat

8. Change one letter only from each word to form a well-known phrase.

ail sands of neck

9. Which is the odd number out in each square?



10. What three-letter word can be placed after each of the following to form five English words?

F---

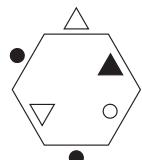
H---

P---

CH---

FL---

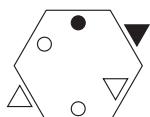
11.



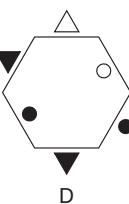
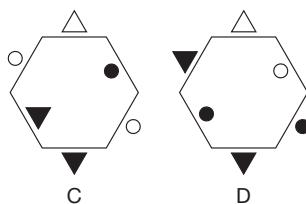
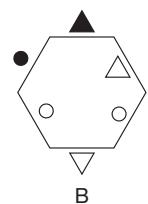
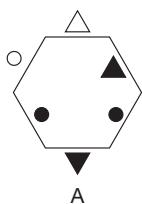
is to:



as



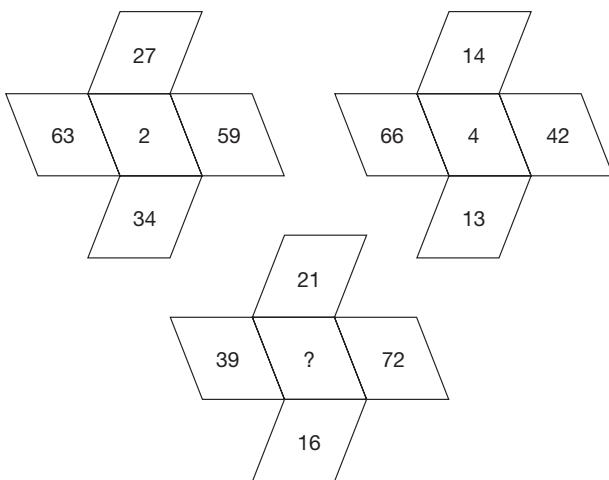
is to:



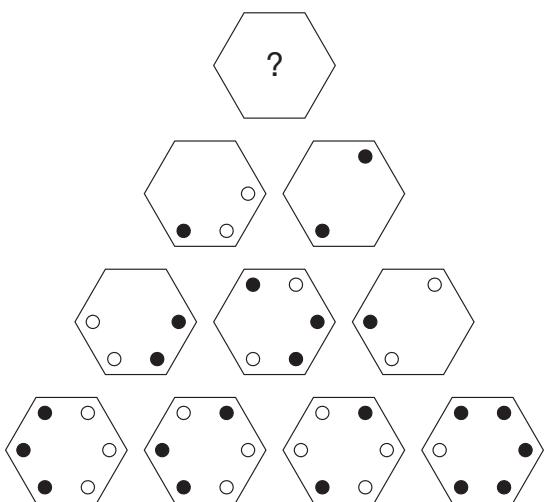
12. What is *meerschaum*?

- hard white mineral
- a prayer said at dawn
- a nerve-racking experience
- way of living
- a carved figure

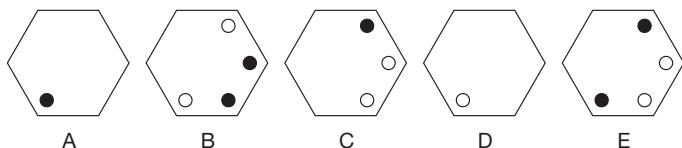
13. What number should replace the question mark?



14.



Which hexagon should replace the question mark?



15. Insert the missing letters to find two words that form a phrase:

T O D C O D R C N T E

—  
—  
--- U ---  
—

Clue: harmonic excursion

16. Which two words are most alike in meaning?

discipline, schism, blister, snatch, rift, signal

17. Which two words are most opposite in meaning?

edacious, reserved, clean, rough, generous, anomalous

18. Which number should replace the question mark?

	1		
	2	2	
2		1	5
3	1	2	9
	2	3	3
	2	3	
		?	

19. Mule is to slipper as sabot is to:

shoe, boot, moccasin, sandal, clog

20. Which is the odd one out?

quick, curt, rapid, swift, fleet

21. What is the meaning of mantua?

- a. hat
- b. animal
- c. gown
- d. insect

22. What is the next number in this series?

$\frac{1}{2}$ ,  $\frac{2}{3}$ ,  $\frac{8}{9}$ ,  $\frac{15}{27}$ , ?

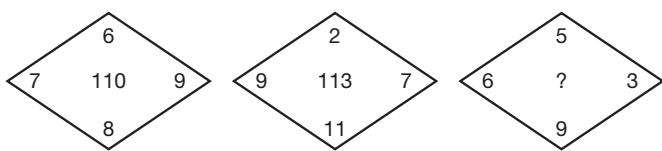
23. hedonism is to pleasure as aestheticism is to:

morality, beauty, ideas, perception, reality

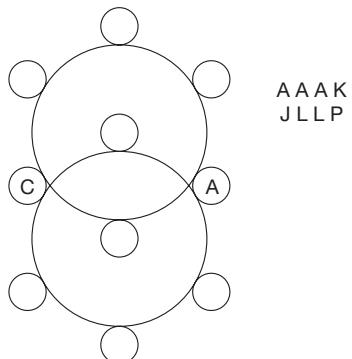
24. Place two four-letter bits together to equal an eight-letter word.

CONT PINE LLON BANT INUI EFFI CALA DINE TERA PAPI

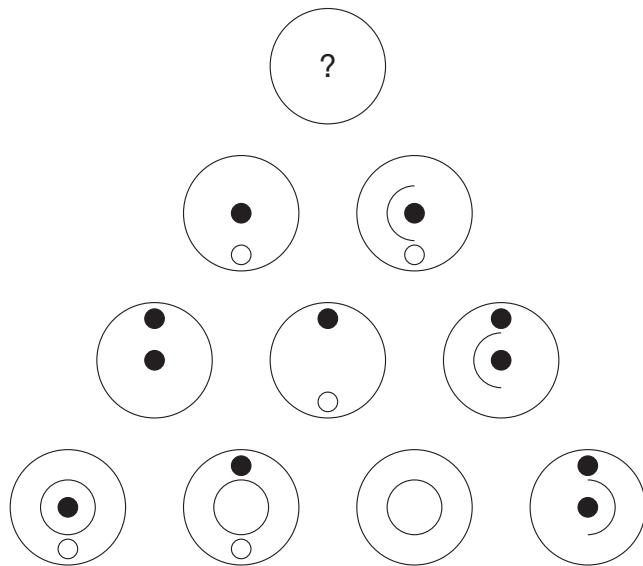
25. What number should replace the question mark?



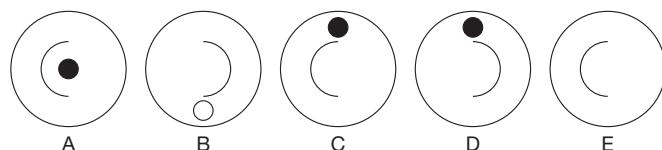
26. Fill in the letters to make two animals of six letters.



27.



Which circle should replace the question mark?



28. What is a hacienda?

- a. a plant
- b. a village
- c. a range of mountains
- d. a ranch
- e. a dance

29. All of the vowels have been removed from this trite saying by Judith Cohen. See if you can replace them.

WLLMT LLJRH DHDCH S

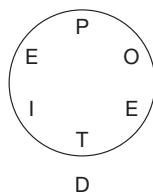
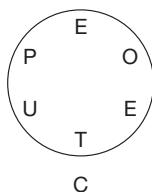
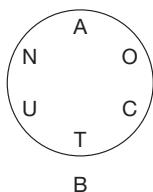
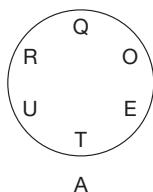
30. What does nescient mean?

- a. agreeable
- b. hard of hearing
- c. ignorant
- d. hesitant

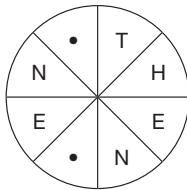
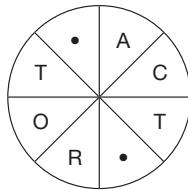
31. What is the next number in this series?

$\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{9}{16}$ ,  $\frac{27}{32}$ ,  $\frac{1^{17}}{64}$ , ?

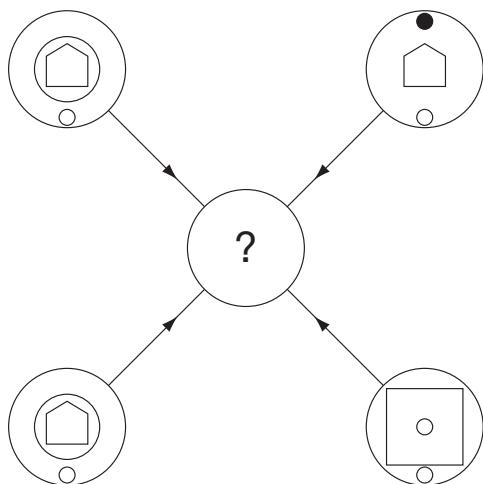
32. Which circle cannot be made into a word?



33. Fill in the blanks and find two words that are synonyms.



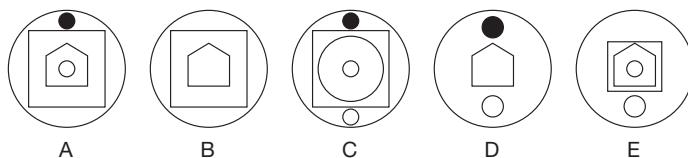
34.



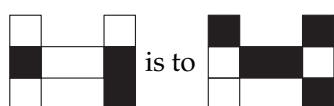
Each line and symbol that appears in the four outer circles, above, is transferred to the centre circle according to these rules. If a line or symbol occurs in the outer circles:

- once: it is transferred
- twice: it is possibly transferred
- 3 times: it is transferred
- 4 times: it is not transferred

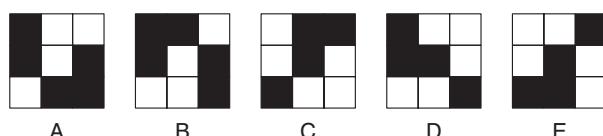
Which of the circles A, B, C, D or E, shown below, should appear at the centre of the diagram, above?



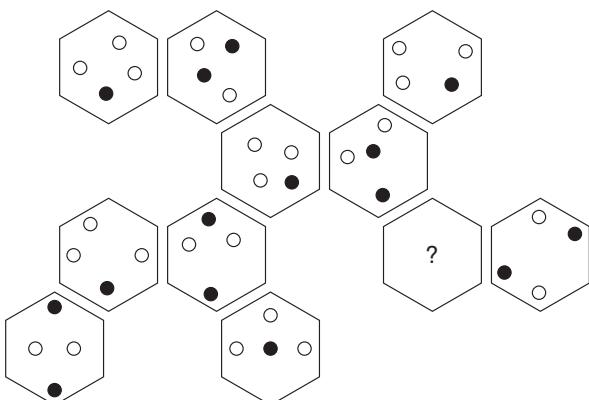
35.



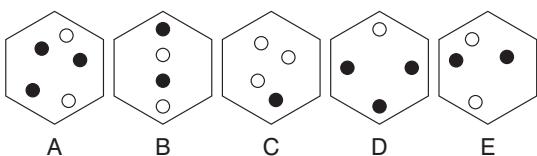
is to



36.



Which hexagon should replace the question mark?



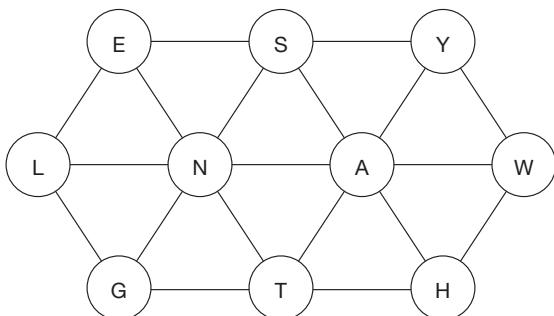
37. Which of the following is not a nautical term?

- a. RANIME
- b. CRANOH
- c. EBONAC
- d. YEHCOOK
- e. YAPIRC

38. Find the number to replace the question mark.

8, 10,  $9\frac{3}{4}$ ,  $8\frac{1}{4}$ ,  $11\frac{1}{2}$ ,  $6\frac{1}{2}$ , ?

39. Find a 10-letter word by travelling from circle to circle.



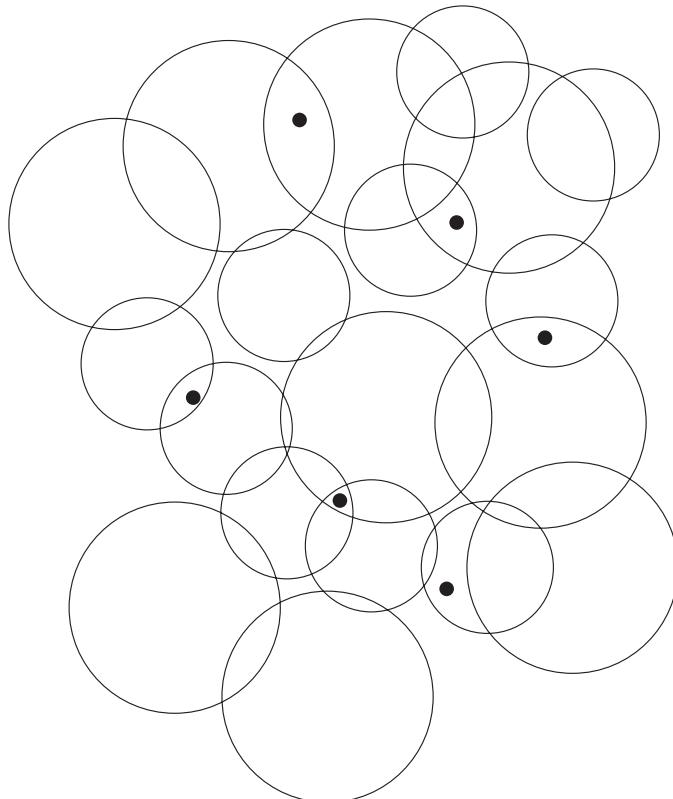
40. Find the longest word in the square by moving from letter to letter in any direction, but each letter must be used only once.

B	X	W	O	S
I	Q	U	R	K
C	T	E	J	L
P	V	H	M	Y
F	A	G	D	N

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# Test Nineteen: Questions

1. How many circles contain a black dot?



2. Which is the odd one out?  
anther, flower, stigma, petal, nectar

3. Complete the bottom line of numbers.

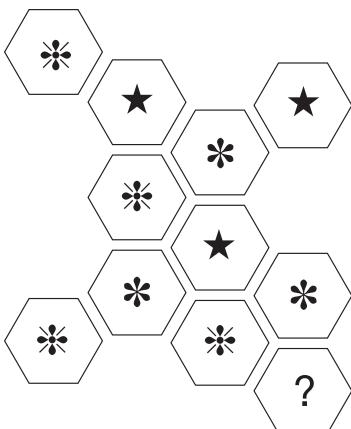
7	4	9	2
11	16	9	13
22	20	24	25
?	?	?	?

4. Insert the word in brackets that means the same as the definitions outside the brackets.

game bird (        ) cower

5. Which two rhyming words mean: fresh hint?

6.



Which symbol should replace the question mark?



A



B



C

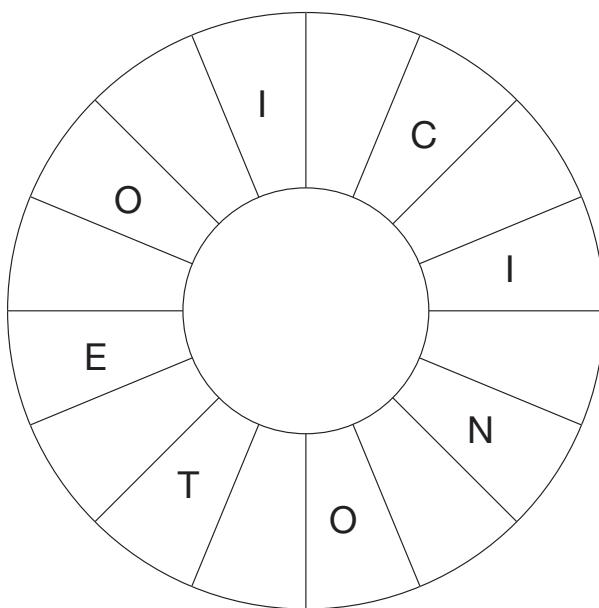
7. Which of the following is not an anagram of the word: ANAGRAMMATICALLY?

MANIACALLY TAG ARM  
ILL MAY MAGNA CARTA  
CLARITY AN AMALGAM  
TINY MAGICAL ALARM  
A MAGICAL MANLY ART  
ARM MANLY GALACTICA  
MY A CARNAL MAIL TAG  
ARMY GALA CLAIMANT  
ALARMING MALAY CAT

8. What number continues the following sequence?

759, 675, 335, 165, ?

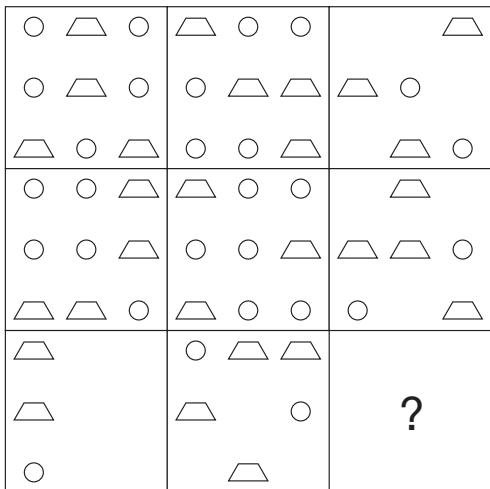
9. Find the starting point and read clockwise to find a familiar phrase (5 2 3 6). Only alternate letters are shown.



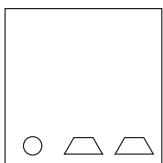
10. Which two words are most opposite in meaning?

politician, principal, miscreant, subsidiary, practice, prosecutor

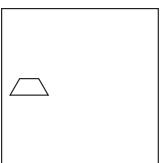
11.



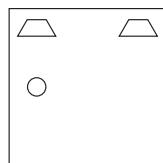
Which square below should replace the question mark?



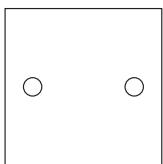
A



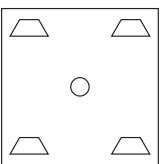
B



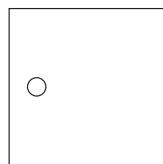
C



D



E



F

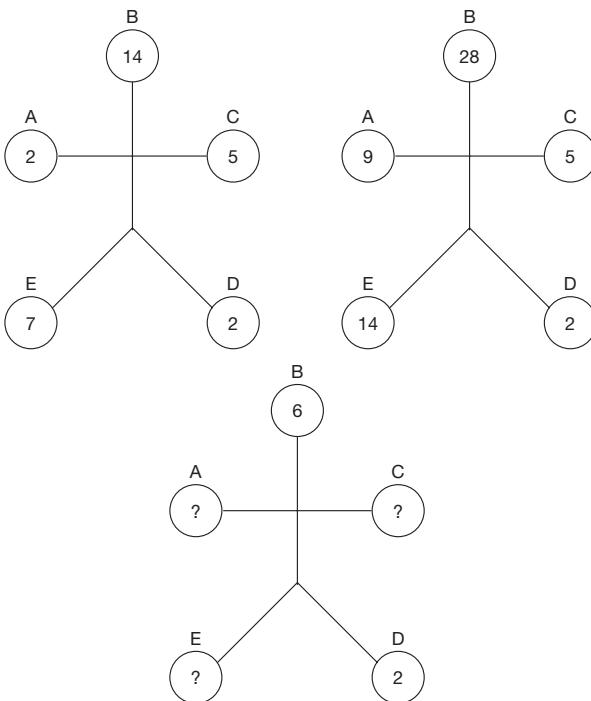
12. Complete the numbers in the final column.

$$\begin{array}{cccc}
 15 & 20 & 19 & 20 \\
 14 & 23 & 9 & ? \\
 5 & 15 & 24 & ?
 \end{array}$$

13. Which word is the odd one out?

auctioneers, executioner, postponed, erroneously, weaponless

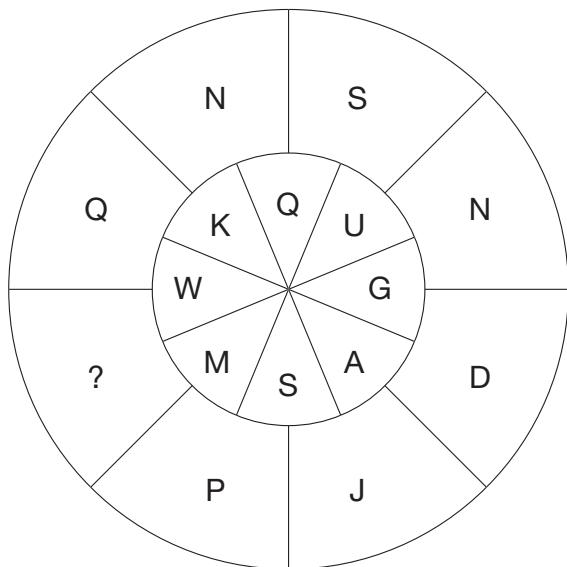
14. What numbers should replace the question marks?



15. succeed is to prevail as fail is to:

contrive, agonize, destroy, founder, grovel

16. What letter should replace the question mark?



17. Solve the clues to find four six-letter words. The same three letters appear in each word, which are represented by XYZ below. XYZ is a familiar three-letter word.

XYZ \_\_\_ most venerable

\_ XYZ \_\_\_ turned over

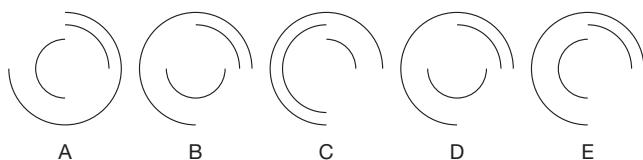
\_\_ XYZ \_\_\_ castigates

\_\_\_ XYZ \_\_\_ defend

- 18.



What comes next in the above sequence?

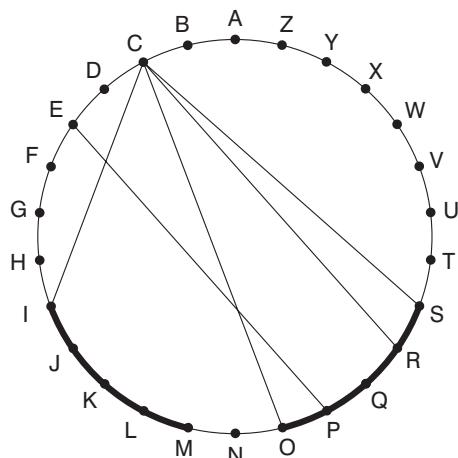


19. Which two words are most alike in meaning?

waspish, jovial, peppery, prudent, perilous, lewd

20. A car travels the first half of a motorway journey at an average speed of 40 mph, and the second half of the journey at an average speed of 60 mph. What is the average speed for the entire journey?

21. Letters are traced across the circle by chords. If the next letter is four letters or less away it will be found by tracing around the circumference.



Clue: MAKES THINGS LARGER BUT IT IS SMALL (10 letters)

22. Place two three-letter bits together to make a six-letter word.

GER BOL EPR GER TLY BAL SHE BAD CAT TIG

Clue: animal

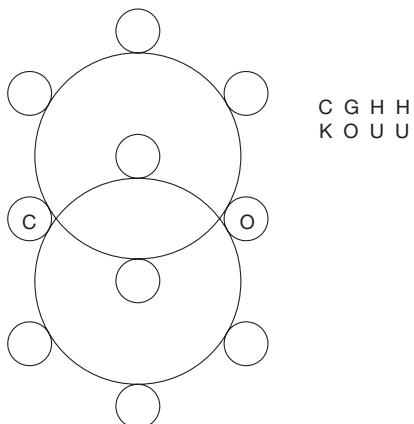
23. What is the meaning of kibble?

- a. iron bucket
- b. card game
- c. a quarrel
- d. fruit

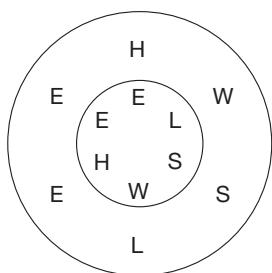
24. Which is the odd one out?

midge  
bassoon  
solemn  
dabbled  
brilliant  
coding  
carpet

25. Fill in the letters to make two birds of six letters.

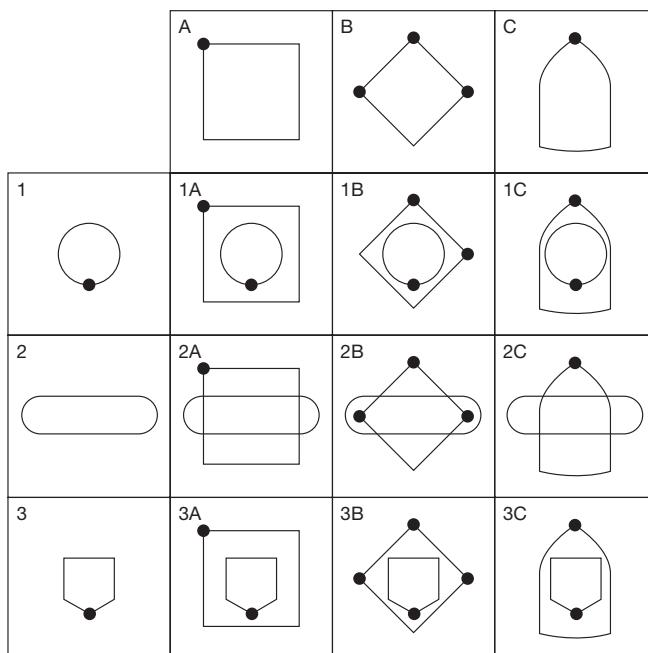


26. What familiar phrase is suggested below?



27. Each of the nine squares in the grid marked 1A to 3C should incorporate all the lines and symbols that are shown in the squares of the same letter and number immediately above and to the left. For example, 2B should incorporate all the lines and symbols that are in 2 and B.

One of the squares is incorrect? Which one is it?



28. Which four-letter word can be placed in front of all of these words to make new words?

----- BAKED  
 ----- BOILED  
 ----- BOARD  
 ----- BACK  
 ----- HEADED

29. Fill in the missing vowels to make a trite saying.

THDMM RTHLG HTTHG RTRTH SCNDL

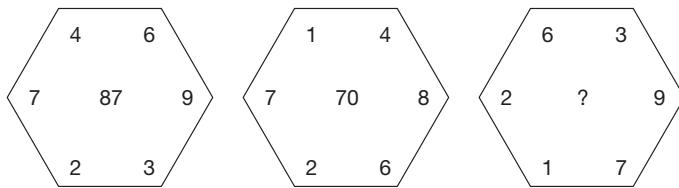
30. What is a jacana?

- a. bird
- b. fish
- c. insect
- d. animal

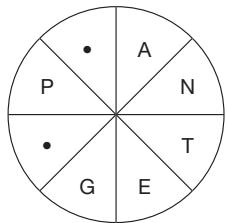
31. Which of the following is not a bird?

- a. TCTALE
- b. RYCANA
- c. NIRMEL
- d. FIFPUN
- e. ETIPEW

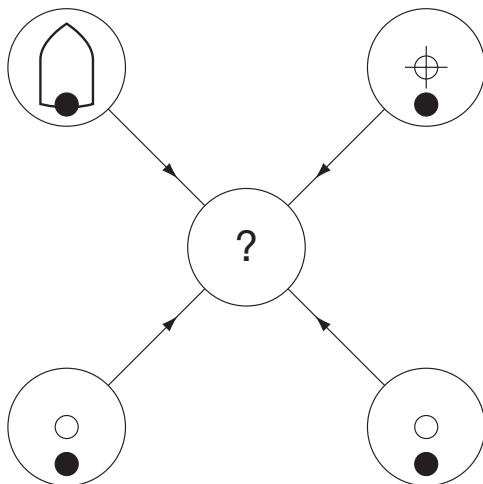
32. What number should replace the question mark?



33. Find the missing letters to make a word.



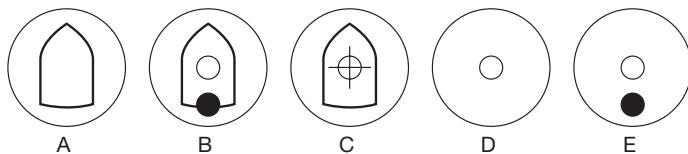
34.



Each line and symbol that appears in the four outer circles, above, is transferred to the centre circle according to these rules. If a line or symbol occurs in the outer circles:

- once: it is transferred
- twice: it is possibly transferred
- 3 times: it is transferred
- 4 times: it is not transferred

Which of the circles A, B, C, D or E shown below should appear at the centre of the diagram, above?



35. What do these words have in common?

- alone
- hold
- anger
- mask
- force

36. Find a one-word anagram for PAUL RICE.

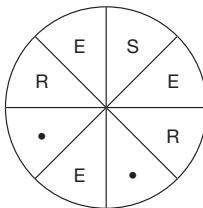
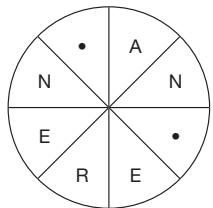
37. Place two four-letter bits together to equal an eight-letter word.

COCH, MAND, GERM, TONS, HLEA, LOCY, FRAC, TROC, ITES, IDIO

38. What have these words in common?

cashed  
helmet  
soaking  
sublime  
plummet

39. Fill in the blanks to find two words that are antonyms.



40. Since my birth I have had a birthday cake with candles, one for each year of my birthday, each year.



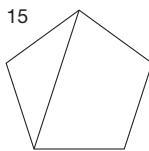
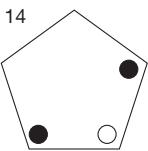
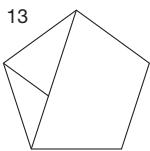
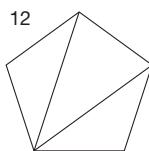
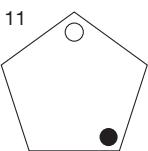
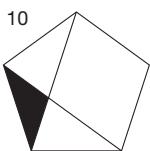
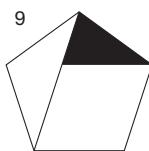
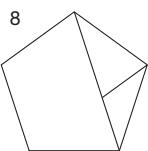
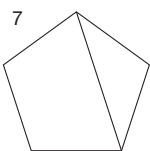
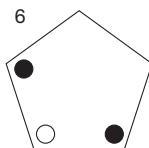
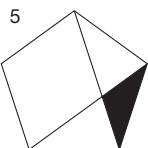
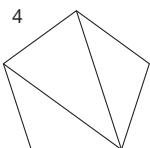
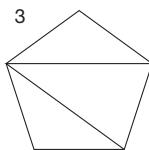
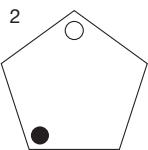
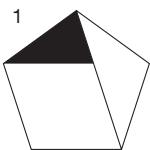
To date, I have had 325 candles. How old am I?

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# Test Twenty: Questions

1. A statue is being carved by a sculptor. The original piece of marble weighed 250 kg. In the first week 30 per cent is cut away. In the second week 20 per cent of the remainder is cut away. In the third week the statue is completed when 25 per cent of the remainder is cut away. What is the weight of the final statue?
2. Which word in brackets is closest in meaning to the word in capitals?  
ESPOUSAL (advocacy, suspicion, agreement, bias, honesty)
3. Which is the odd one out?  
relating  
triangle  
rambling  
integral  
altering

4. Which is the odd one out?



5. Which number is the odd one out?

159

248

963

357

951

852

6. Sunday

Monday

Tuesday

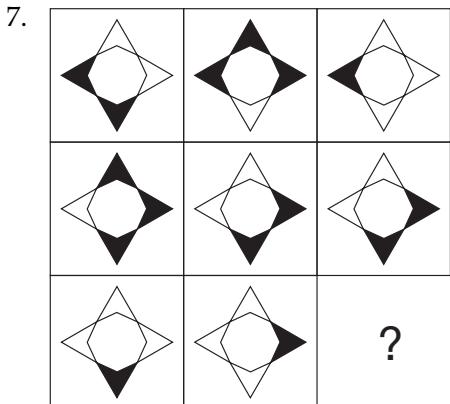
Wednesday

Thursday

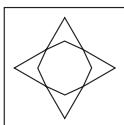
Friday

Saturday

What day is two days before the day immediately following the day three days before the day two days after the day immediately before Friday?



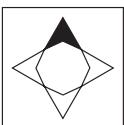
Which square should replace the question mark?



A



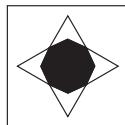
B



C



D



E



F

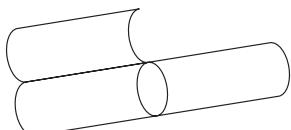
8. What is the longest English word that can be created from this set of letters, using each letter once only?

NUHRIAKMTE

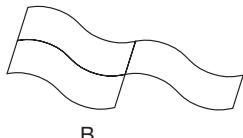
9. Apart from each having five letters, what do these words have in common?

groom, spank, plaid, breve

10. Which is the odd one out?



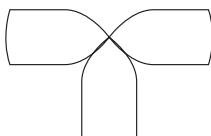
A



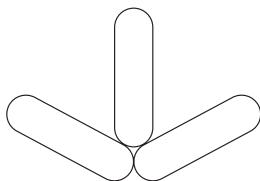
B



C



D



E

11. What four-digit number should replace the question mark?

4342 (3176) 1726

7995 (7516) 2162

8418 (????) 1725

12. hypotenuse is to triangle as chord is to:

polygon, cone, rhomboid, circle, heptagon

13. Insert the name of a type of fruit into the bottom line to complete nine three-letter words reading downwards.

A	S	P	C	R	O	F	M	C
R	I	E	A	U	D	O	A	O
-	-	-	-	-	-	-	-	-

14. Start at a corner letter and spiral clockwise round the perimeter, finishing at the centre letter, to spell out a nine-letter word. You have to provide the missing letters.

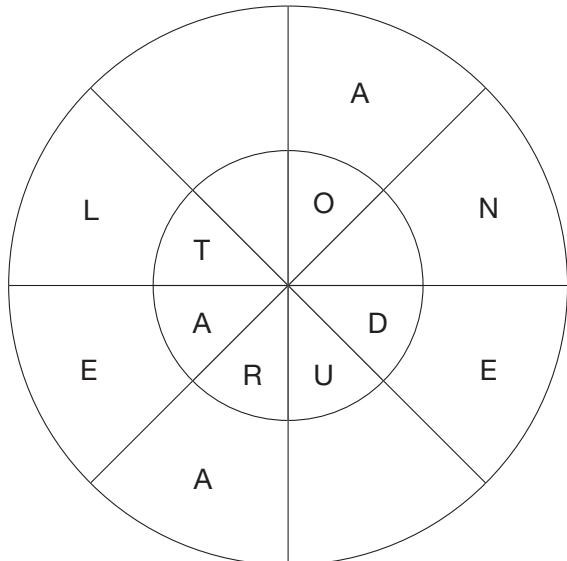
S	-	E
E	-	R
D	D	A

15. If meat in a river (3 in 6) is T(ham)es, can you find a word meaning *reconstitute* in the title of a Shakespeare play (6 in 7, 3, 7)?

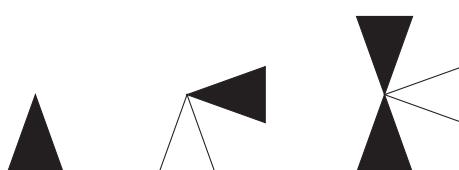
16. Change one letter only from each word to form a well-known phrase.

WE AIL ANY AND ILL

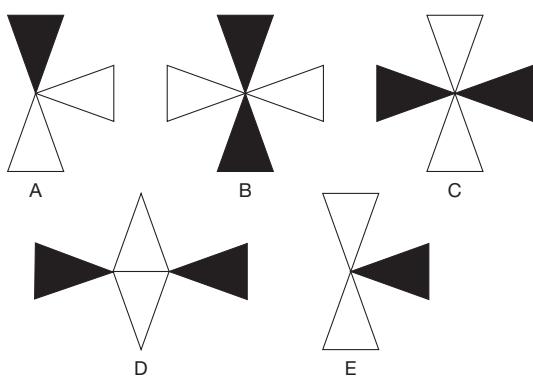
17. Find two eight-letter words, one reading clockwise round the inner circle, and the other reading anticlockwise round the outer circle, that are opposite in meaning. You have to provide the missing letters.



18.



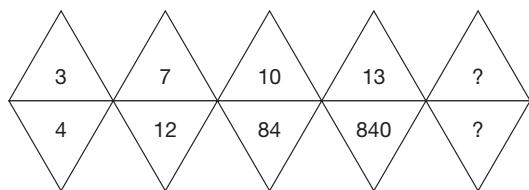
What continues the above sequence?



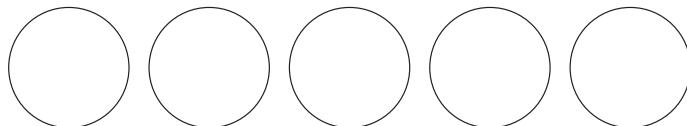
19. Use every letter of the newspaper headline below, once each only, to spell out three kinds of fish.

Nomad Robs Camel

20. What numbers should replace the question marks?



- 21.



Place the numbers 1–5 in the circles so that:

the sum of the numbers 2 and 4 and all the numbers between them total 15;

the sum of the numbers 3 and 2 and all the numbers between them total 11;

the sum of the numbers 5 and 4 and all the numbers between them total 12;

the sum of the numbers 1 and 3 and all the numbers between them total 9.

22. Which is the odd one out in this list?

tackled  
scarlet  
grammar  
godetia  
stacking  
starving

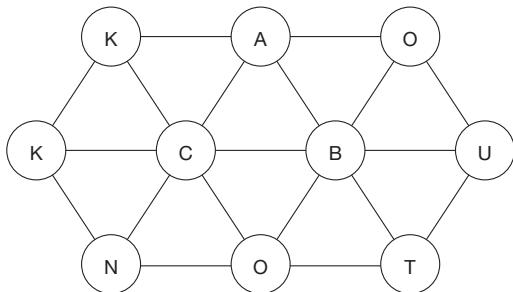
23. What is the next number in this sequence?

$\frac{7}{8}, -\frac{7}{24}, \frac{7}{72}, -\frac{7}{216}$ ?

24. What is a pumpion?

- a. drink
- b. pumpkin
- c. carriage
- d. type of cheese

25. Find a 10-letter word moving from circle to circle. Each circle must only be used once.

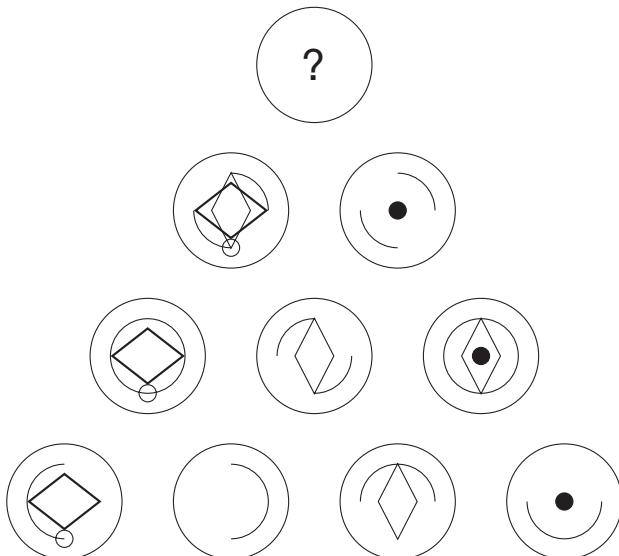


26.

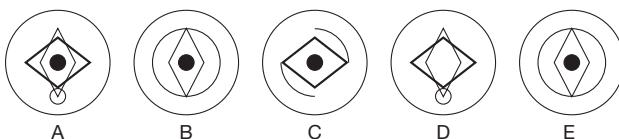
EVERY	AND	IS	HILL
AGAINST	NO	WHICH	THE
WAY	ALWAYS	LUCK	TIME
YOU	BAD	JUST	RIDE
WIND	UP	MATTER	IT

Try to rearrange the above into a trite saying.

- 27.



Which circle should replace the question mark?



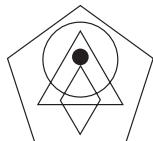
28. Which two words are opposite in meaning?

severity, caution, incite, calm, impulse, wonder, stand, dismiss

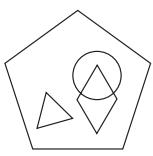
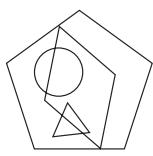
29. Fill in the missing vowels to make a trite saying.

FLSRS      HNWHR      FLSHV      BNBFR

30.



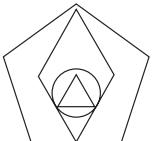
To which pentagon below can a dot be added so that it meets the same conditions as in the pentagon above?



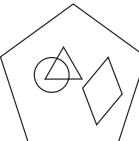
A

B

C



D



E

31. Which of the following is not a tree?

LIOWWL

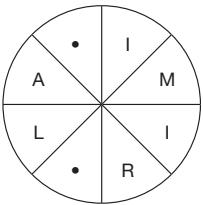
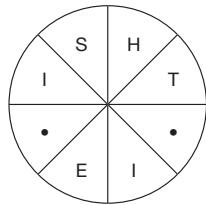
CUPESR

VATRAC

CICAAA

DODERA

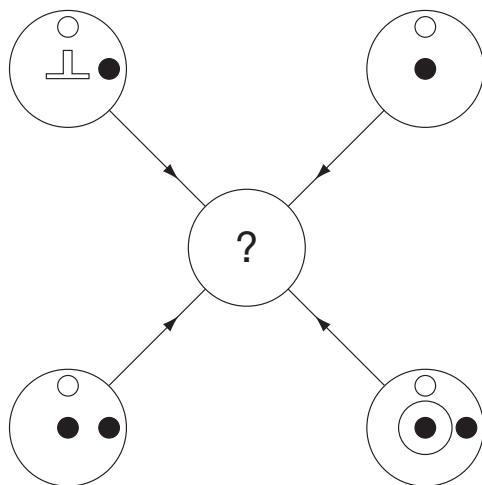
32. Complete the words that are synonyms, clockwise or anticlockwise.



33. Place a word inside the brackets that means the same as the two words outside the brackets.

SHEPHERD'S STAFF (\_ \_ \_ \_ ) ROGUE

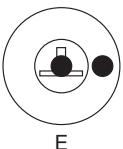
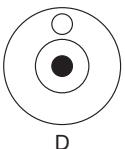
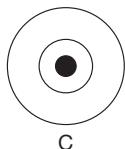
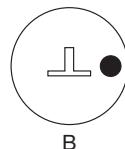
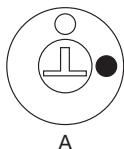
34.



Each line and symbol that appears in the four outer circles, above, is transferred to the centre circle according to these rules. If a line or symbol occurs in the outer circles:

- once: it is transferred
- twice: it is possibly transferred
- 3 times: it is transferred
- 4 times: it is not transferred

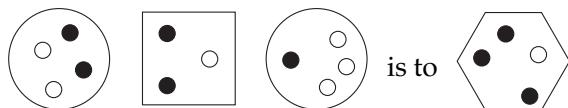
Which of the circles, A, B, C, D or E shown below, should appear at the centre of the diagram, above?



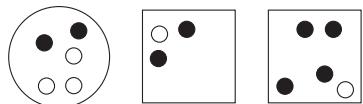
35. Which two words mean the same?

bathos, spectacles, junta, carriage, archetype, cabal

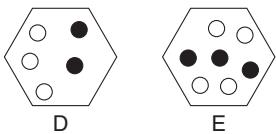
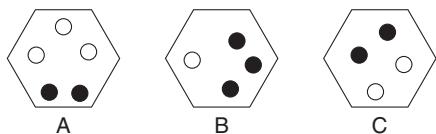
36.



as



is to



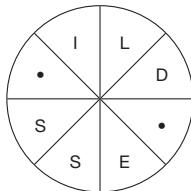
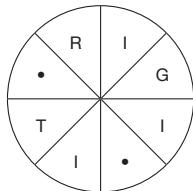
37. Which one of these was not a president of the United States?

RACRET  
ROOVHE  
PINCHAL  
TAMRUN  
SLIWNO

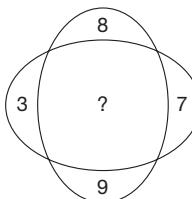
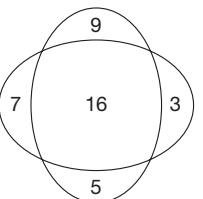
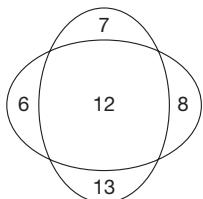
38. Which is the odd one out?

bazooka, shrapnel, claymore, harpoon, bonanza, arquebus

39. Fill in the blanks to find two words that are antonyms.



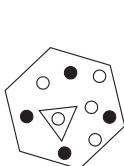
40. What number should replace the question mark?



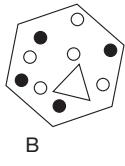
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# Test Twenty-One: Questions

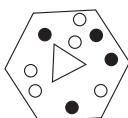
1. Which is the odd one out?



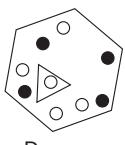
A



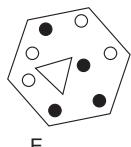
B



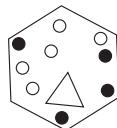
C



D



E



F

2. By starting at the Q in the centre and moving from letter to adjacent letter to an outside Z, how many different ways can the word QUIZ be spelt out?

		Z			
	Z	I	Z		
Z	I	U	I	Z	
Z	I	Q	U	I	Z
Z	I	U	I	Z	
Z	I	Z			
Z					

3. pediform is to foot as reniform is to:  
heart, kidney, tooth, beak, fingers

4. Which is the odd one out?

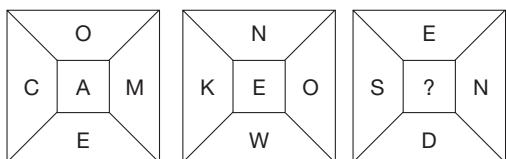
pentad, limerick, quatrain, quincunx, pentagon

5. MOOD SLEEP

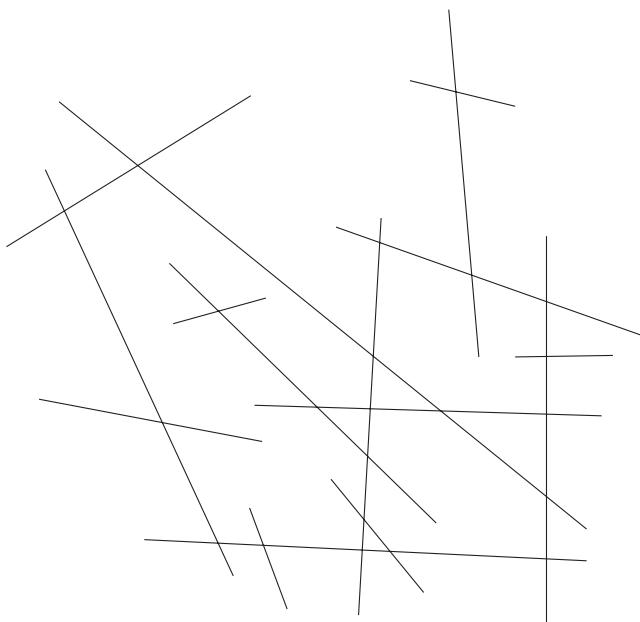
The above is an anagram of which two words that are similar in meaning?

Clue: sit still.

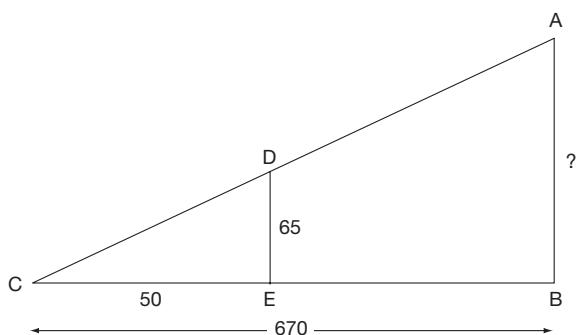
6. What letter should replace the question mark?



7. How many lines appear below?



8. What is the length of line AB? (NB: Not to scale.)



9. Complete the names of three animals by inserting the missing letters.

\_A\_G\_R

\_O\_K\_Y

\_A\_B\_T

Now rearrange the nine missing letters to find two words (6,3) in answer to the clue: *greased palms*.

10. Insert the following words into the grid below:

XENON

HOAX

PEA

ONION

HOLE

EWE

NINJA

DIG

NEWEL

SHY

LAUGH

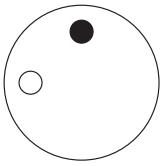
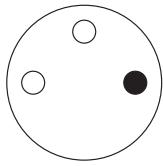
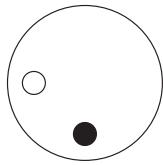
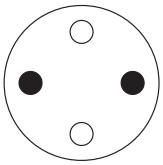
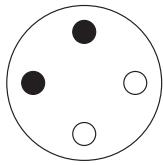
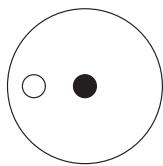
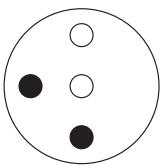
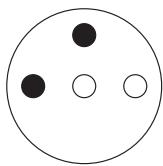
DEW

SALON

OWE

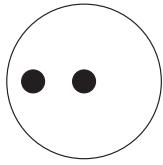
1	2		3			
	4				5	
6				7		
	8	9				
10						
11			12			

11.

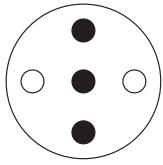


?

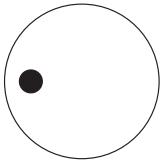
What circle should replace the question mark?



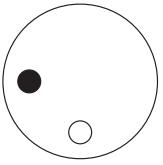
A



B



C



D

12. What number should replace the question mark?

15	2	7	10
7	8	3	4
21	6	11	16
13	4	7	?

13. Which two rhyming words solve the following clue?

Sylvan flower seller

14. Which of the following is not an anagram of a type of ship?

ARK NET

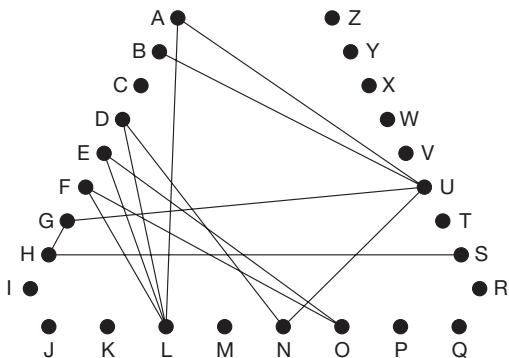
LAY LEG

NUCHAL

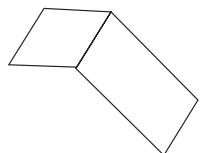
BETASK

SPA MAN

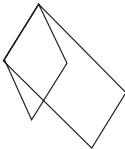
15. Find the starting point and track along the connecting lines from letter to letter to spell out a well-known phrase (6, 2, 6).



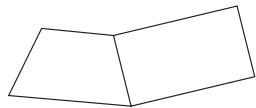
- 16.



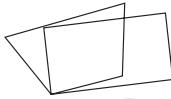
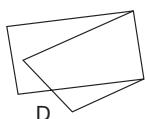
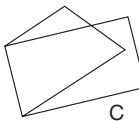
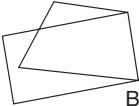
is to



as



is to:



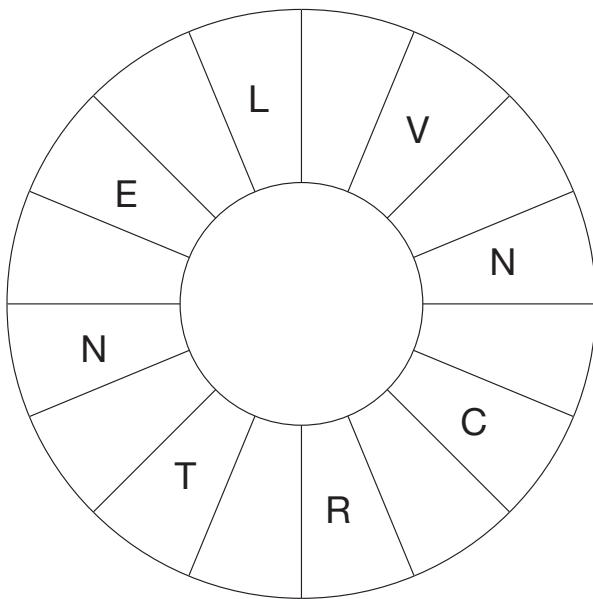
17. Which two words are most alike in meaning?

speech, hearsay, fury, boast, rumour, extract

18. Which is the odd number out?

9421, 7532, 9854, 8612, 6531, 8541

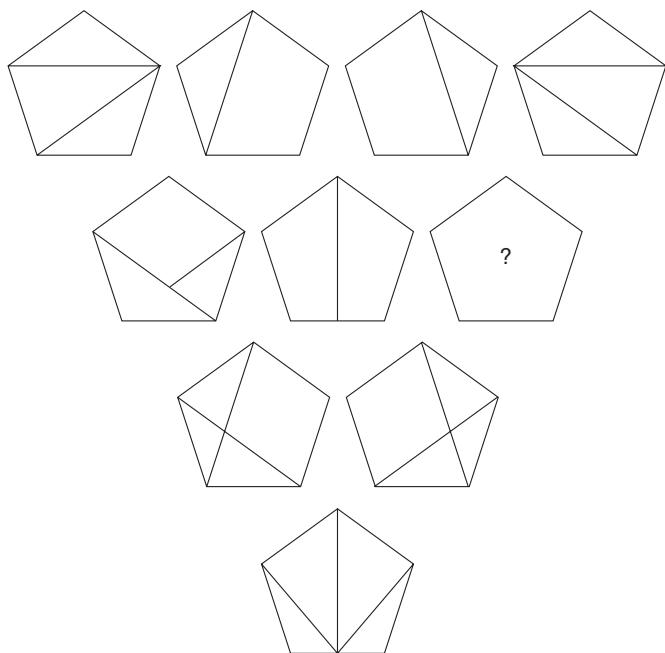
19. Find the starting point and fill in the blanks to find a familiar phrase (6, 6, 4) reading clockwise. Only alternate letters are shown.



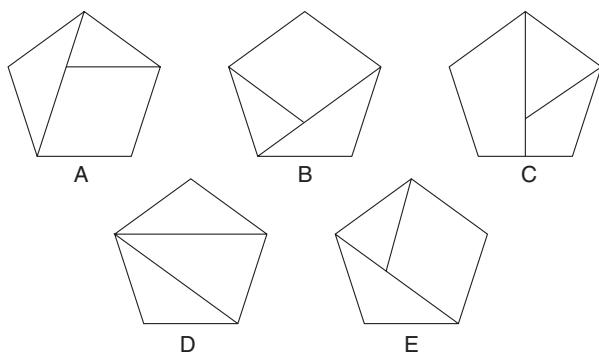
20. Change one letter only from each word to spell out a well-known phrase.

ACE FOUR ACE

21.



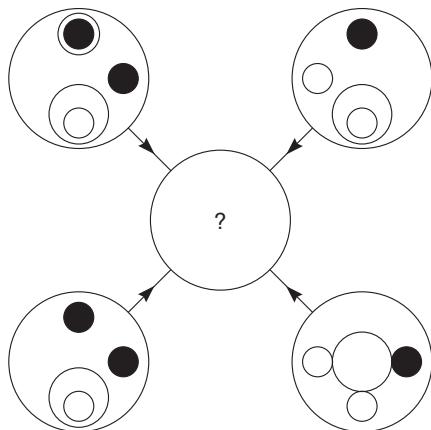
Which pentagon should replace the question mark?



22. Which five-letter word can be placed in front of each of these words to make new words?

- RUNNER
- AGE
- LINE
- RANK
- MAN

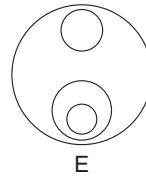
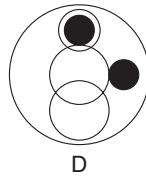
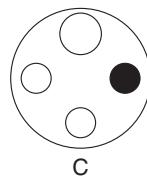
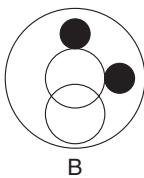
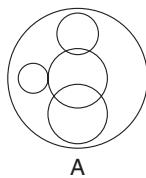
23.



Each line and symbol that appears in the four outer circles above is transferred to the centre circle according to these rules: If a line or symbol occurs in the outer circles:

- once: it is transferred;
- twice: it is possibly transferred;
- three times: it is transferred;
- four times: it is not transferred.

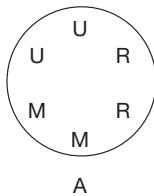
Which of the circles A, B, C, D or E shown below should appear at the centre of the diagram above?



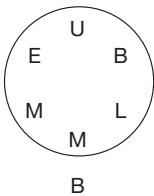
24. Place two three-letter bits together to equal an animal.

ONE, POL, VIC, ERA, BIS, UNA

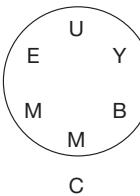
25. Which circle cannot be made into a word?



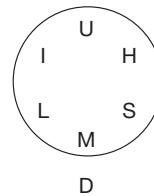
A



B

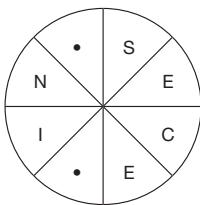
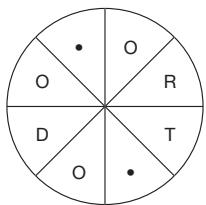


C

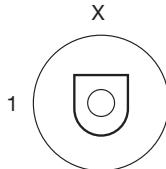


D

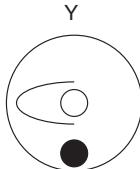
26. Fill in the blanks to find two words that are antonyms.



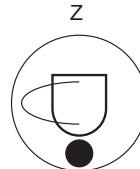
27.



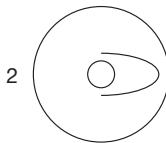
1



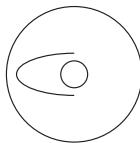
Y



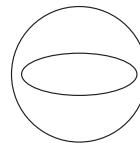
Z



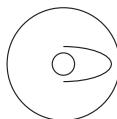
2



3



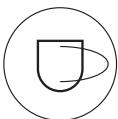
Which symbol should replace the question mark?



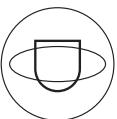
A



B



C



D



E

28. Which is the odd one out?

timer  
loots  
repel  
times  
spots

29. Find a one-word anagram for SHOT PILL.

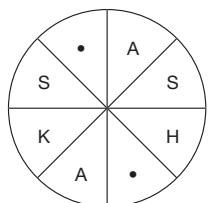
30. What is a plié?

- a. a climbing tool
- b. a ballet movement
- c. a pie
- d. a fencing stroke

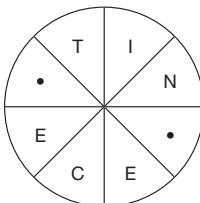
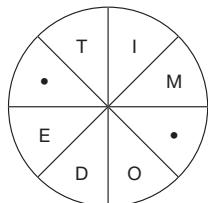
31. What are the next two letters in this sequence?

A, F, H, K, N, ?, ?

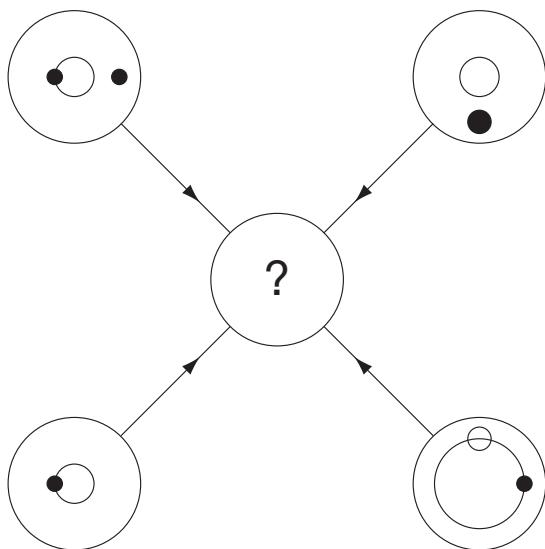
32. Fill in the blanks to find an eight-letter word.



33. Fill in the blanks and find two words that are synonyms.



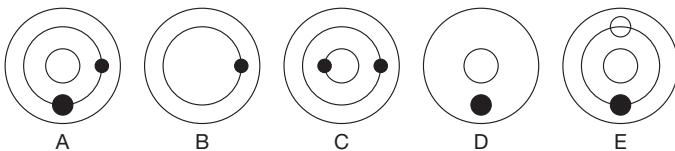
34.



Each line and symbol that appears in the four outer circles, above, is transferred to the centre circle according to these rules. If a line or symbol occurs in the outer circles:

- once: it is transferred
- twice: it is possibly transferred
- 3 times: it is transferred
- 4 times: it is not transferred

Which of the circles A, B, C, D or E shown below should appear at the centre of the diagram, above?



35. Find the missing vowels to make a trite saying.

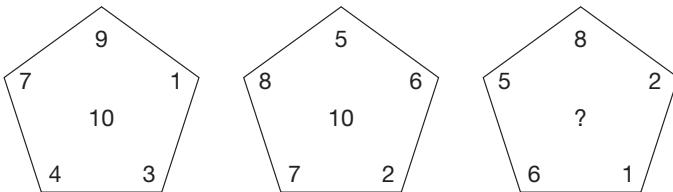
WHNTH    BLLRN    GSTHR    HDBTT    RBSMS    PPR

36. Which of these is not an island?

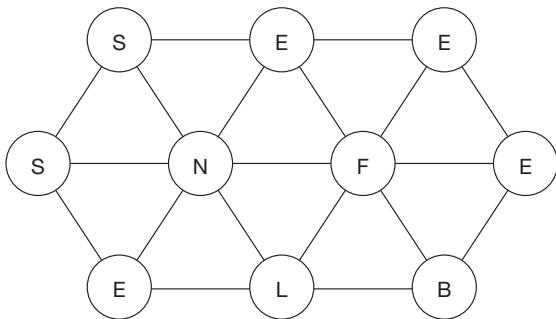
LICSLY  
NAGPEN  
KENROY  
DOLNON  
YANMAC

37. Find a six-letter word using only these four letters: A, K, L, I.

38. Place two four-letter bits together to make an eight-letter word.  
RONI, DAMA, TION, RENI, POEN, PENT, AGOS, MACA, GADE, TICS
39. What number should replace the question mark?



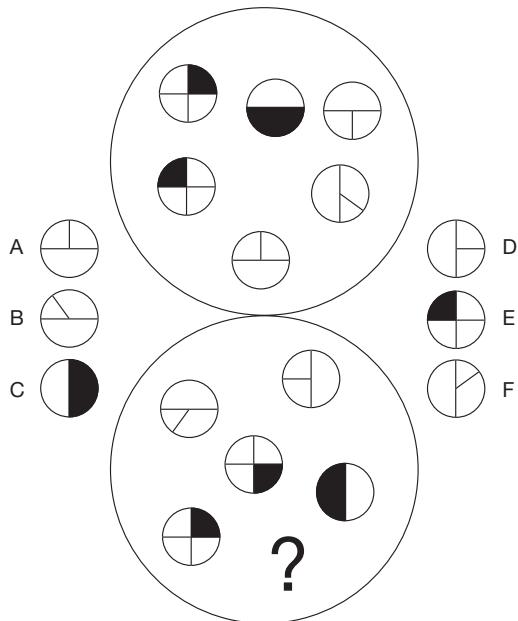
40. Find a 10-letter word by moving from circle to circle but you may only use each circle once.



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# Test Twenty-Two: Questions

1. Which of the circles, A, B, C, D, E or F, should replace the question mark in the bottom large circle?



2. Change SEEK to FIND in three links by changing one letter at a time.

SEEK

-----

-----

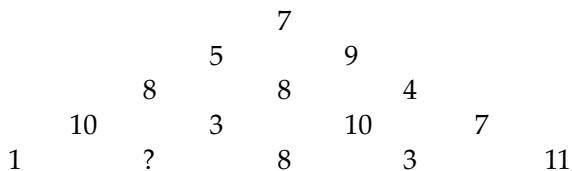
FIND

3. Six synonyms of the keyword SKILFUL are given. Take one letter in turn from each of these synonyms to spell out a further synonym of SKILFUL:  
able, adept, dextrous, proficient, accomplished, competent

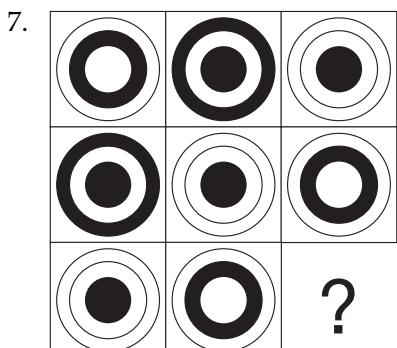
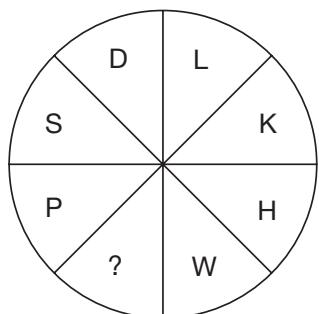
4. MUTINY (MILKY) MEEKLY

Using the same rules as above, what word is coded to go in the brackets below?  
ALIGHT (\_\_\_\_\_) BONNET

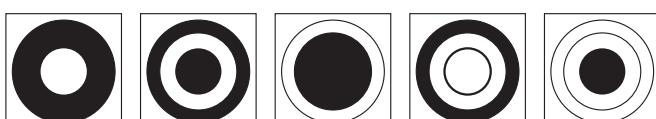
5. What number should replace the question mark?



6. What letter should replace the question mark?



Which square should replace the question mark?



A

B

C

D

E

8. At a recent election, a total of 93,648 votes were cast for the four candidates, the winner exceeding his opponents by 25,627, 10,681 and 5,924 votes respectively. How many votes were cast for each candidate?

9. Which two letters come next in the following sequence?

A, D, I, P, Y, CF, DI, FD, ?

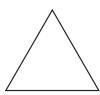
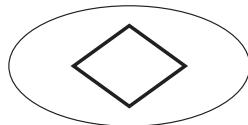
10. Insert the missing word:

DART	(STRANDED)	SEND
DINE	(DILIGENT)	?

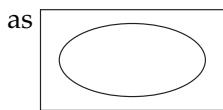
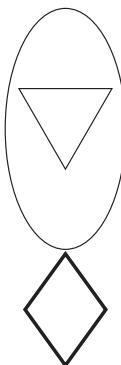
11. A B C D E F G H

What letter is two to the right of the letter immediately to the right of the letter two to the left of the letter three to the right of the letter immediately to the left of the letter E?

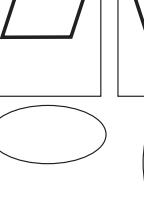
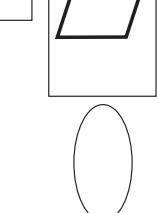
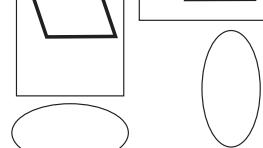
12.



is to:



as



A

B

C

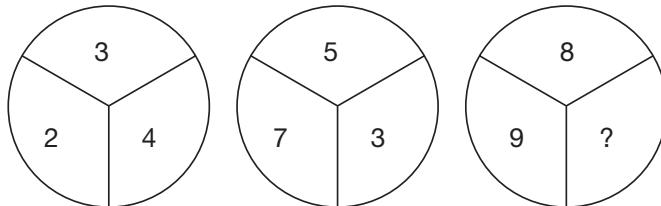
D

E

13. Insert the word in brackets that means the same as the definitions outside the brackets.

circuit (      ) splash

14. What number should replace the question mark?



15. Find the starting point and track from letter to adjacent letter horizontally and vertically, but not diagonally, to spell out a 12-letter word. You have to provide the missing letters.

—	E	E	—
T	—	I	P
A	L	R	E

16. What is the meaning of plenary?

- a. easy to bend
- b. overabundance
- c. able to absorb
- d. open to all
- e. acceptable

17. Change one letter only from each word to form a well-known phrase.

TO LIVE NOT MAKES

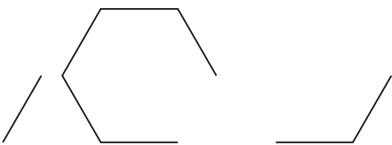
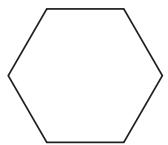
18. Which two words are most alike in meaning?

accommodate, bilk, score, chat, swindle, wind

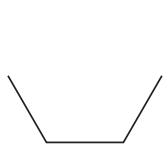
19. What number should replace the question mark?

4	7	3	8	9	2
?	9	0	2	5	1
5	1	6	3	5	9

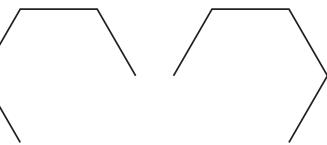
20.



What comes next in the above sequence?



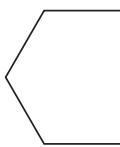
A



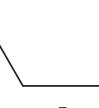
B



C



D



E

21. Which of the following is not clothing?

- a. togue
- b. hassock
- c. cassock
- d. chapeau

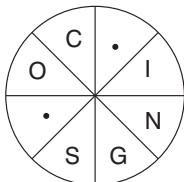
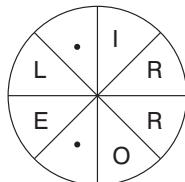
22. Fill in the missing vowels to find a trite saying.

CLTTRD DSKMN FGNS

23. What is a picot?

- a. sword fish
- b. jewellery
- c. fabric
- d. loop of thread

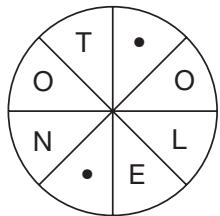
24. Fill in the blanks to find two words that are synonyms (clockwise or anticlockwise).



25. What familiar phrase is represented below?

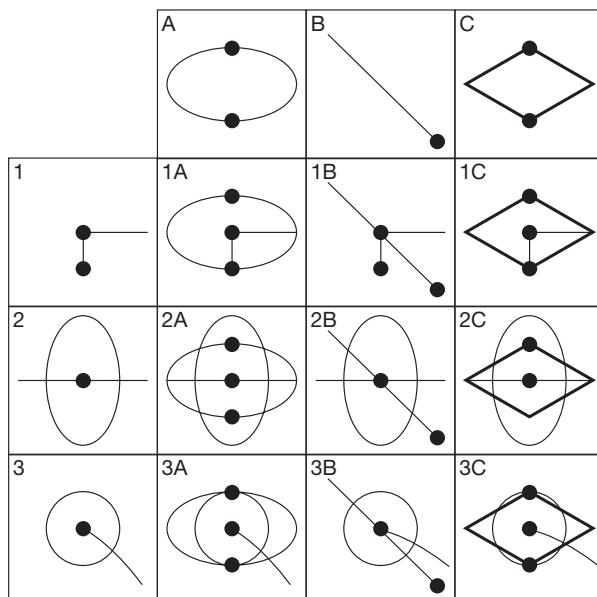


26. Find the missing letters to make a word.



27. Each of the nine squares in the grid marked 1A to 3C should incorporate all the lines and symbols that are shown in the squares of the same letter and number immediately above and to the left. For example, 2B should incorporate all the lines and symbols that are in 2 and B.

One of the squares is incorrect. Which one is it?



28. Solve the anagram to find a one-word answer.

HEED LARKS.

29. What number should replace the question mark?

AVIATOR = 6

FIXTURE = 9

WIZARDS = 1

DIVERSE = ?

30. Find a six-letter word using only these four letters:

L I W O.

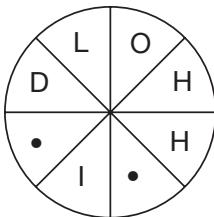
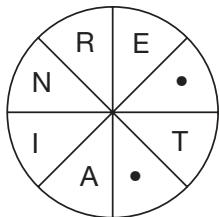
31. Find the number to replace the question mark.

0.67, 0.69, 0.48, 0.88, 0.29, 1.07, ?

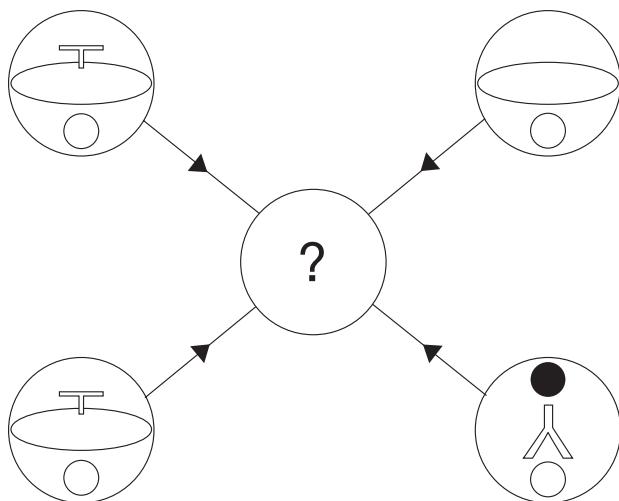
32. Find the 10-letter word.

\_A\_A\_R\_P\_S

33. Fill in the blanks to find two words that are synonyms.



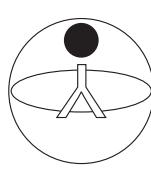
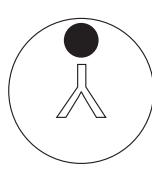
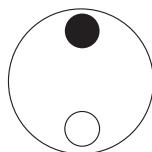
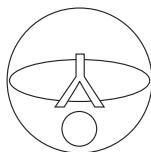
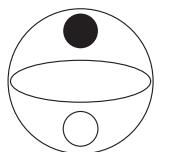
34.



Each line and symbol that appears in the four outer circles, above, is transferred to the centre circle according to these rules. If a line or symbol occurs in the outer circles:

- once: it is transferred
- twice: it is possibly transferred
- 3 times: it is transferred
- 4 times: it is not transferred

Which of the circles A, B, C, D or E, shown below, should appear at the centre of the diagram, above?



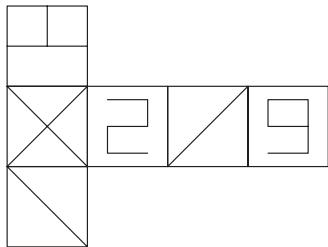
35. What activity is langlauf?

- a. boating
- b. fishing
- c. skating
- d. skiing

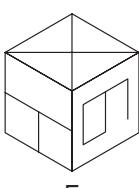
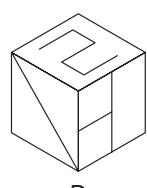
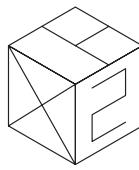
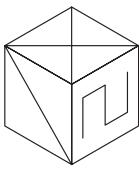
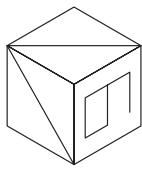
36. What number should replace the question mark?

71	63	4	2	19
32	8	16	25	34
9	12	43	61	7
4	35	26	18	?

37.



When the above is folded to form a cube, which is the only one of the following that *cannot* be produced?



38. What country is missing from the brackets as in the example?

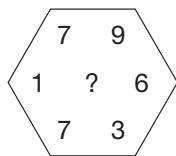
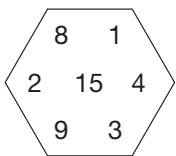
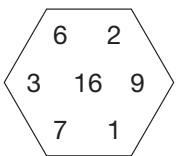
blade (Bangladesh) gnash

lover (\_\_\_\_\_ ) salad

39. Move in any direction to find a 10-letter word; each letter must only be used once.

Z	D	S	L	H
X	J	O	P	W
E	Y	M	R	F
C	I	G	T	U
V	N	A	K	B

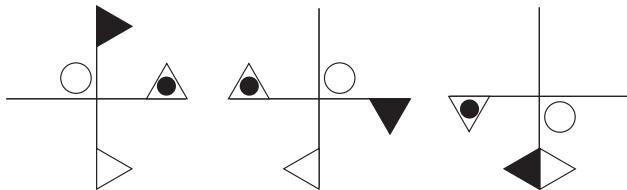
40. What number should replace the question mark?



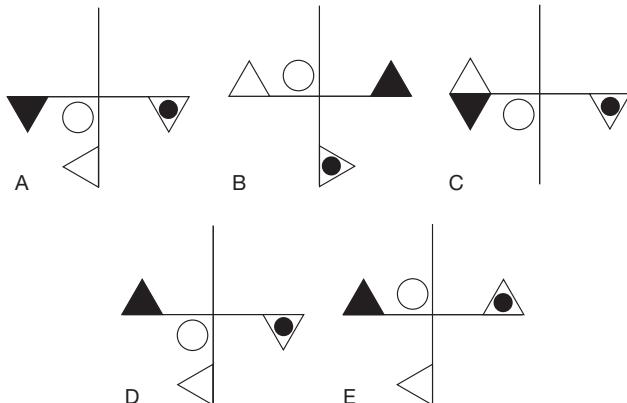
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# Test Twenty-Three: Questions

1.



Which option continues the above sequence?

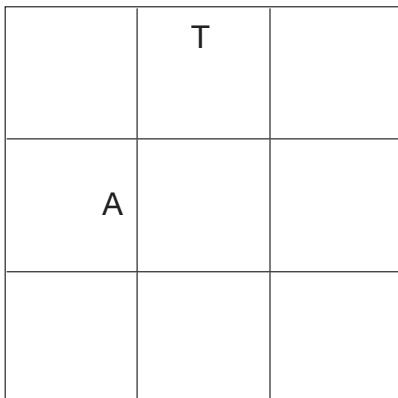
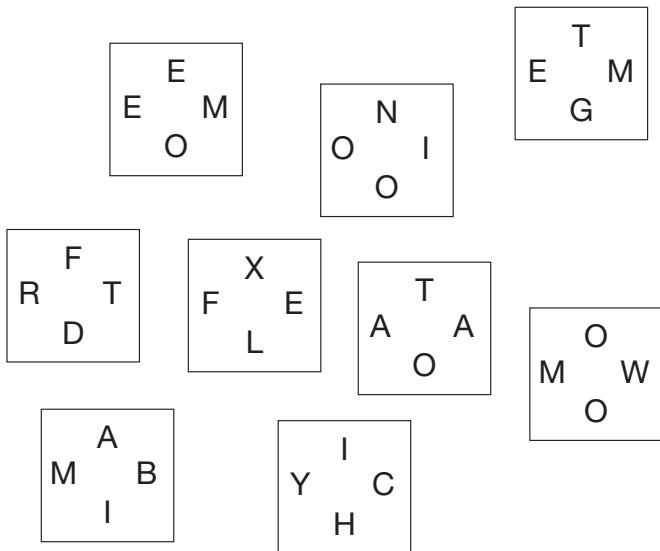


2. A bag of potatoes weighs 16 kg divided by a quarter of its weight. How much does the bag weigh?
3. Rift is to valley as mesa is to:  
desert, mountain, plain, hill, highland

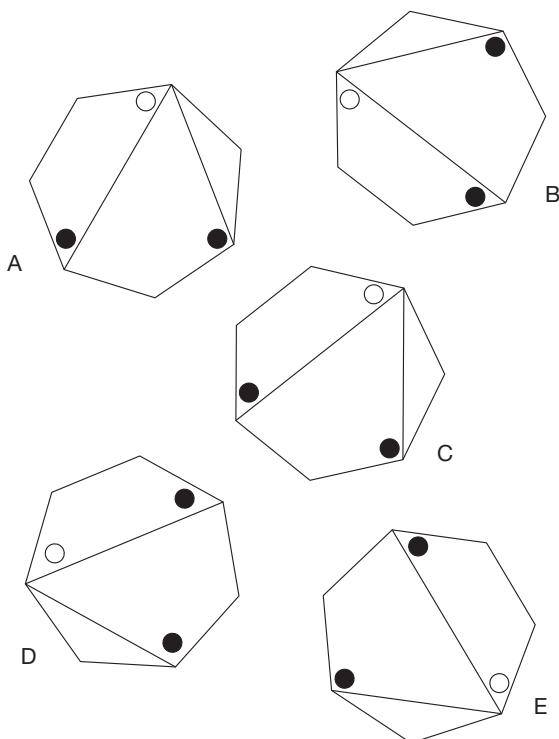
4. Which two words are most opposite in meaning?

inbound, intricate, erratic, warm, simple, fertile

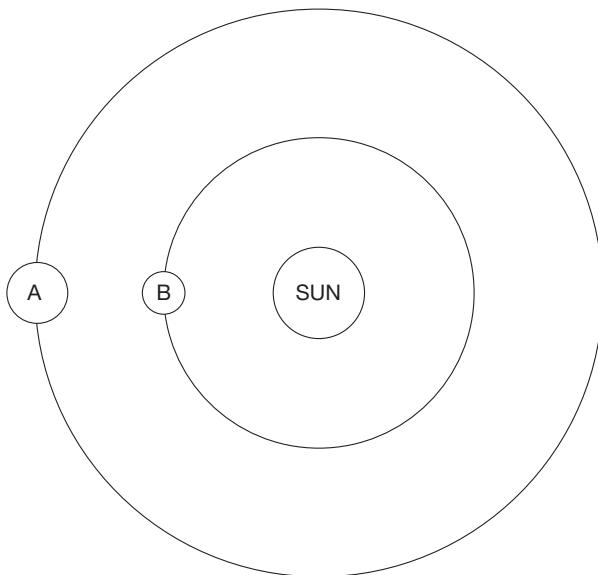
5. Transfer the squares into the blank grid in such a way that a two-letter word is formed by each pair of adjoining letters and a 12-letter word is formed reading clockwise around the outside perimeter.



6. Which is the odd one out?



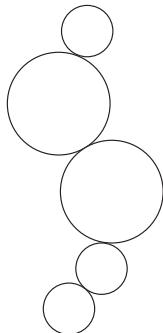
7. If planet A takes two years to revolve once round its sun, and planet B takes one year, when will they next both be in line with the sun?



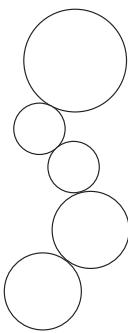
8. A well-known phrase has been divided into groups of three letters, which have then been placed in the wrong order. Find the phrase.

EBU EHO ETH LLB RNS TAK YTH

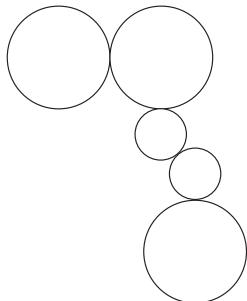
9.



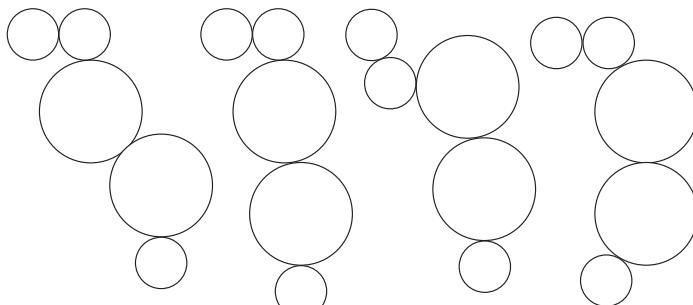
is to:



as



is to:



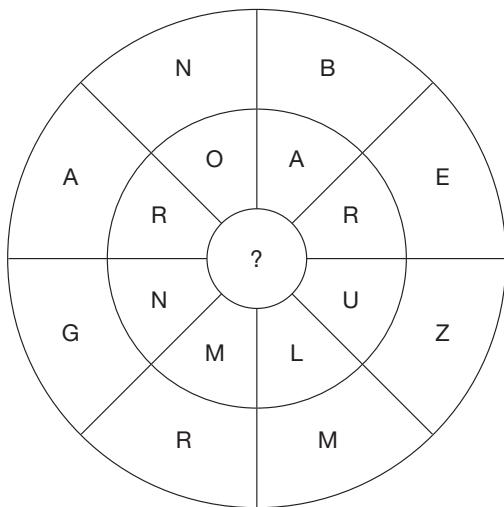
A

B

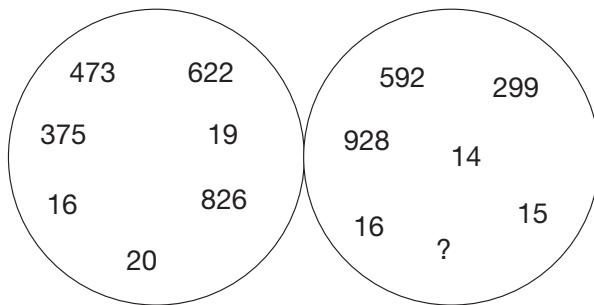
C

D

10. What letter is missing from the centre?

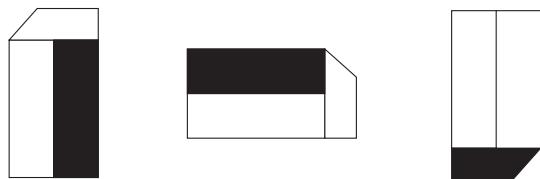


11. What number should replace the question mark?



12. The name of which Shakespearean character can be inserted into the bottom line in order to complete nine three-letter words reading downwards?

13.



What comes next in the above sequence?



A



B



C



D



E

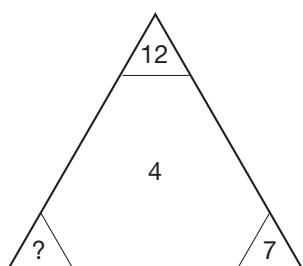
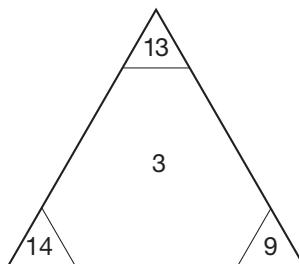
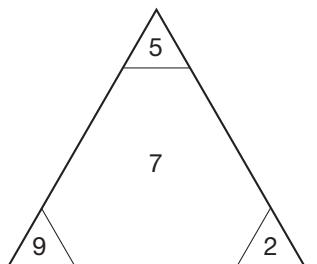
14. Change one letter only from each word to form a well-known phrase.

AS SHE READS

15. Solve this one-word anagram.

BARGAIN OIL

16. What number should replace the question mark?



17. Use each letter of the newspaper headline below once each only to spell out the names of three types of fruit.

No! An Amenable Groan

18. Insert the letters to find two words that form a phrase.

W L N I S T A T E C N D

—  
—  
I  
—  
—  
—

Clue: peas in a pod.

19. If meat in a river (3 in 6) is T(ham)es, can you find a monkey in church (3 in 6)?

20. Find the starting point and track from letter to adjacent letter horizontally and vertically, but not diagonally, to spell out a 12-letter word. You have to provide the missing letters.

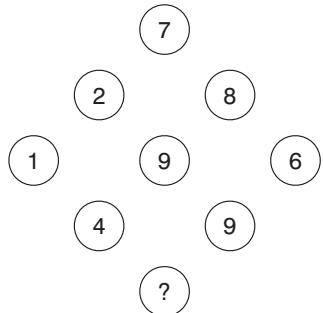
—        S        Y        —  
T            —        A        O  
A        S        C        —

21. Place the same four-letter word in front of these words to make new words.

— HOPPER  
— LET  
— BUD  
— LIKE  
— AGE

22. Find a one-word anagram for TORE GASH.

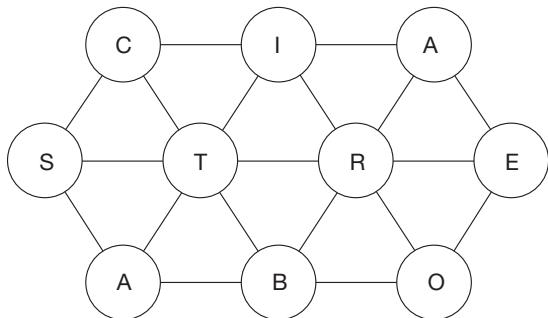
23. What number should replace the question mark?



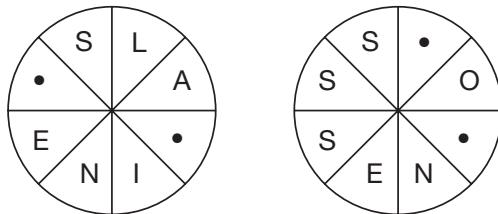
24. What weight should be placed at ? to make the scale balance?



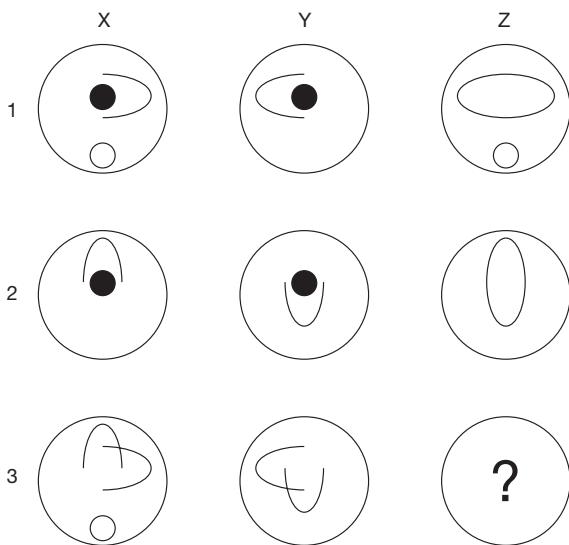
25. Find a 10-letter word by moving from circle to circle; you may only use each circle once.



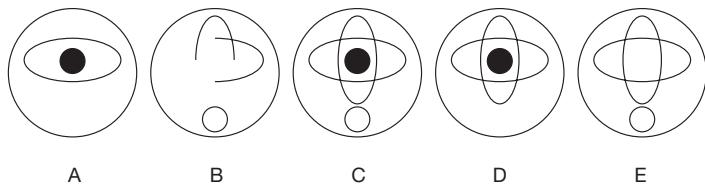
26. Fill in the blanks to find two words that are synonyms.



27.



Which circle should replace the question mark?



28. Which is the odd one out?

- a. hexagon
- b. pyramid
- c. square
- d. pentagon

29. Place two four-letter bits together to make an eight-letter word.

AMPO ALIS LURE DENT TANT GREN SELE DEVO IRRI DINE

30. What is a drogger?

- a. castle
- b. boat
- c. caravan
- d. druggist

31. What is the next number in this series?

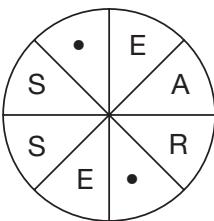
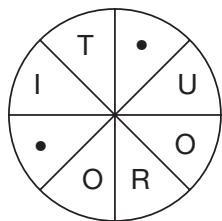
 $-3, +6, +2, -3, +7, -12, ?$

32.

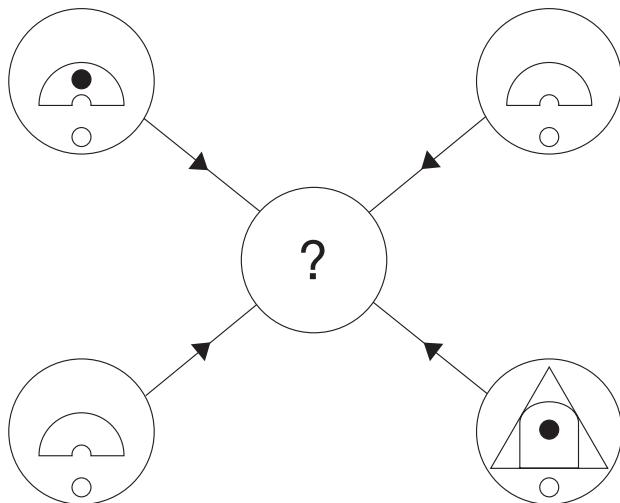
12	9	14	10
15	34	5	11
7	4	3	23
26	13	16	18

In the arrangement of numbers above, what is the difference between the sum of the two highest odd numbers and the product of the two lowest even numbers?

33. Fill in the blanks to find two words that are antonyms.



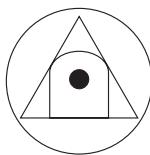
34.



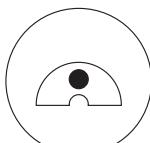
Each line and symbol that appears in the four outer circles, above, is transferred to the centre circle according to these rules. If a line or symbol occurs in the outer circles:

- once: it is transferred
- twice: it is possibly transferred
- 3 times: it is transferred
- 4 times: it is not transferred

Which of the circles A, B, C, D or E, shown below, should appear at the centre of the diagram, above?



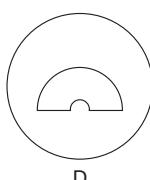
A



B



C



D



E

35. Which of the following is always part of comfit?

- peppercorns
- bacon
- ham
- sugar

36. Place two three-letter bits together to make a six-letter word.

SPI, TLE, BUB, ANT, WOR, DAR, MIN, BEE, WAS, LER

Clue: insect.

37. Which of these is not found in the kitchen?

CUGPEG

CIJRUE

RAGRET

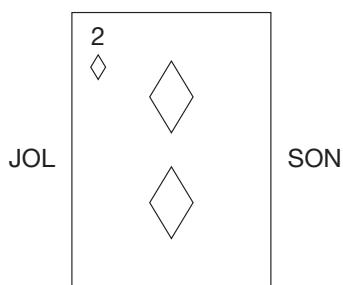
DIGBRE

LACSSE

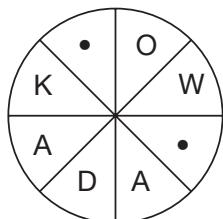
38. Fill in the missing vowels to make a trite saying.

TRSTV RYBDY BTLWY SCTTH CRDS

39. What word is indicated below?



40. Fill in the blanks to find a word.



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# Test Twenty-Four: Questions

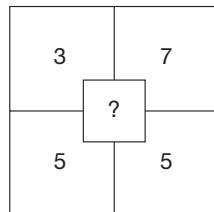
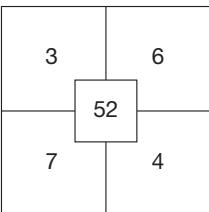
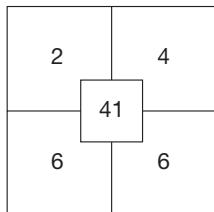
1. What numbers should replace the question marks?

2	6	30	?
3	5	11	?

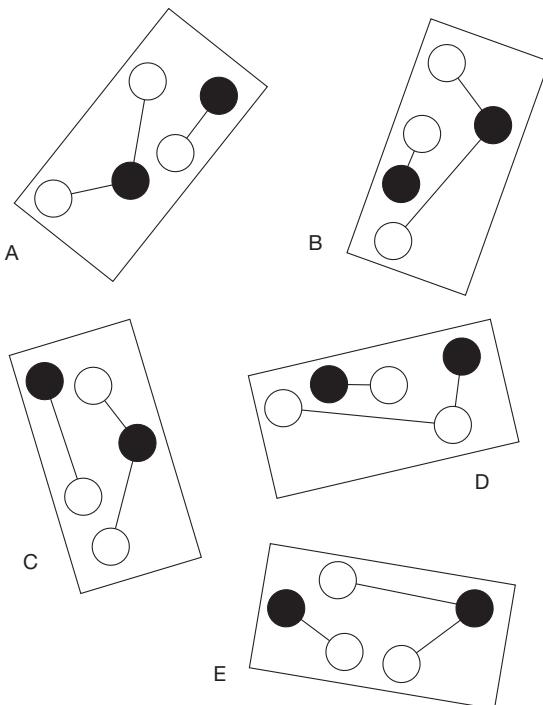
2. Which is the odd one out?

incumbent, obligatory, intrinsic, imperative, irremissible

3. What number should replace the question mark?



4. Which is the odd one out?



5. Newton is to force as kelvin is to:  
frequency, pressure, light, temperature, sound
6. WRY SARAH is an anagram of which two words that are opposite in meaning?
7. Which word in brackets is closest in meaning to the word in capitals?  
ERSTWHILE (notable, incorrect, near, cultured, past)
8. Start at one of the corner letters and spiral clockwise round the perimeter, finishing at the middle letter, to spell out a nine-letter word. You have to provide the missing letters.

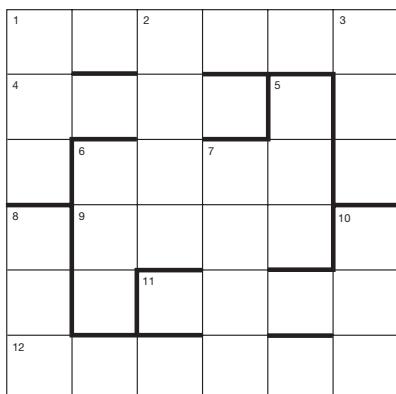
—	N	O
T	E	—
R	O	P

9. Only one of the following groups of five letters can be arranged to form an English five-letter word. Can you find the word?

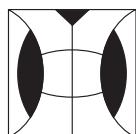
MERDO  
HYOAL  
NFOLE  
HURSN  
MUDAP

10. Insert the following words into the grid below:

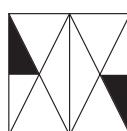
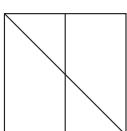
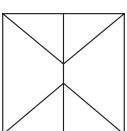
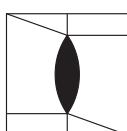
ADROIT	ALAS	TAP
DEMAND	ASIA	ASK
	DESK	ADO
	BIND	ADD
	CHOP	MUD
	ROLE	ACT



- 11.



Which square below has most in common with the square above?



A

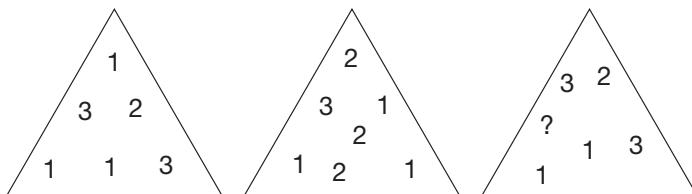
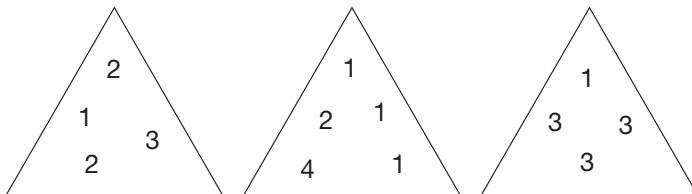
B

C

D

E

12. What number should replace the question mark in the bottom right-hand triangle?



13. Insert two letters in each bracket so that they finish the word on the left and start the word on the right. The letters, when read downwards in pairs, will spell out an eight-letter word.

TA(\_ \_ )IP

DU(\_ \_ )SE

DI(\_ \_ )CH

SO(\_ \_ )LY

14. Which word is the odd one out?

carried

foolish

scarlet

quarter

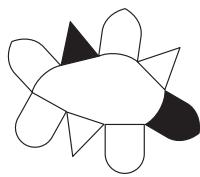
mansion

fishing

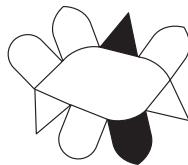
15. Solve this one-word anagram:

STAR COUPLE

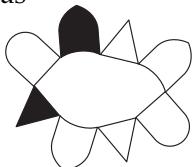
16.



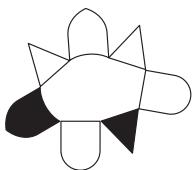
is to:



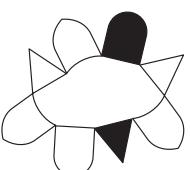
as



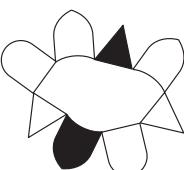
is to:



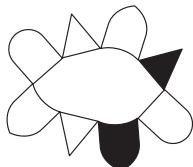
A



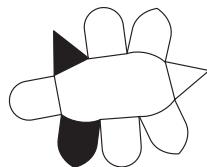
B



C



D



E

17. Which two letters should replace the question marks?

A	W	F	N	?
Z	C	S	J	?

18. Which is the odd one out?

RE500  
50I1000E  
NA5Y  
TA101  
GO50500  
B50UE

19. What number should replace the question mark?

492, 366, 189, 810, ?

20. 

What comes next in the above sequence?



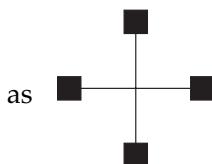
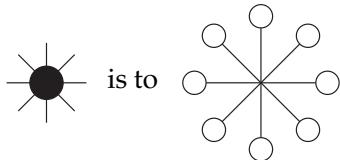
21. What is a cairn?

- a. a loch
- b. a valley
- c. a heap of stones
- d. an outlook post

22. What have all these words in common?

bartered  
timepiece  
patrician  
donated  
alfresco

23.



is to



A



B



C



D



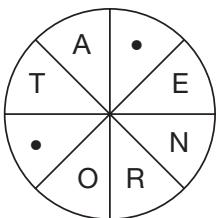
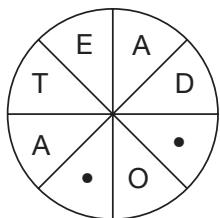
E

24. Change one letter in each word to get three words that are members of the same category. For example, foul, sax, tin = four, six, ten.  
weed, dab, near

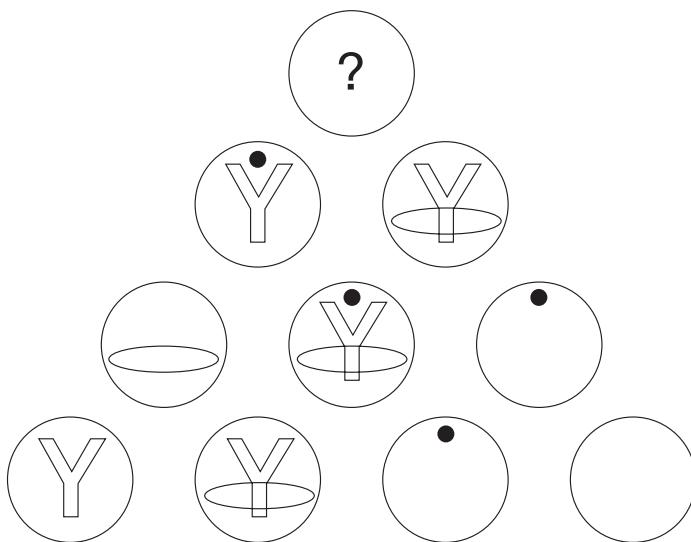
25. What number should replace the question mark?

8	2	5	38
7	4	9	59
6	3	7	39
5	1	7	?

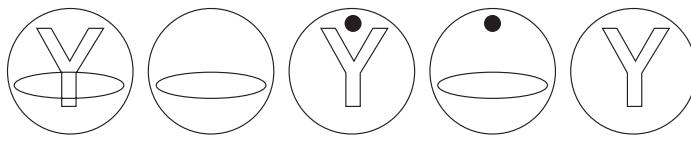
26. Fill in the blanks to find two words that are synonyms.



27.



Which circle below should replace the question mark?



A

B

C

D

E

28. Which of the following is not a cloud?

- a. cumulus
- b. stratus
- c. fumerole
- d. nimbus

29. Add vowels to make a trite saying.

LLWRK NDNPL YMNSY MKMNY HNDVR FST

30. Find a six-letter word using only these four letters: W O N I

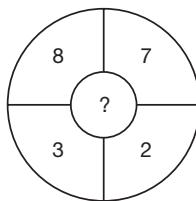
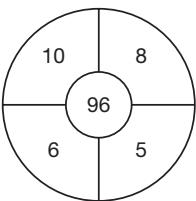
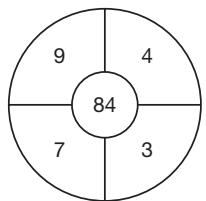
31. What is a fogle?

- a. musical instrument
- b. silk handkerchief
- c. hat
- d. shoes

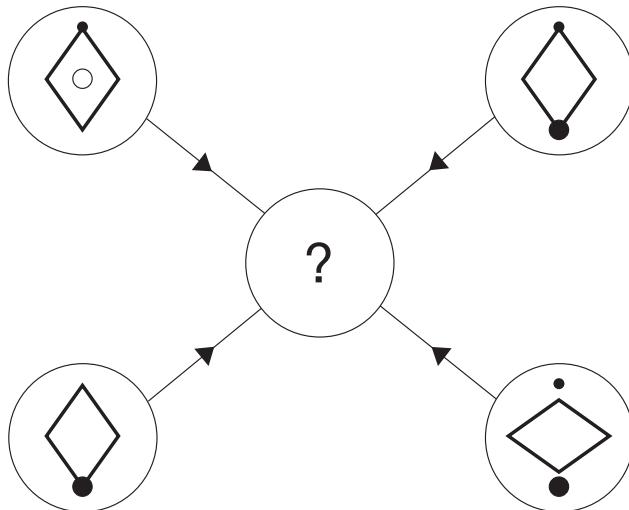
32. What familiar phrase is suggested below?



33. Find the missing number.



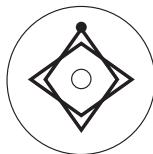
34.



Each line and symbol that appears in the four outer circles, above, is transferred to the centre circle according to these rules. If a line or symbol occurs in the outer circles:

- once: it is transferred
- twice: it is possibly transferred
- 3 times: it is transferred
- 4 times: it is not transferred

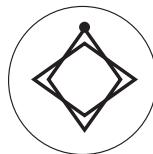
Which of the circles A, B, C, D or E, shown below, should appear at the centre of the diagram, above?



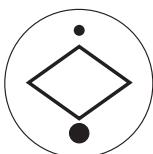
A



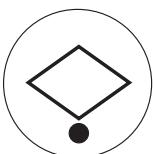
B



C



D



E

35. Which of the following is not an insect?

- GIAWER
- BASRAC
- SETEST
- RUBLEO
- THENOR

36. Find the missing number.

$\frac{7}{8}$ ,  $\frac{1^3}{8}$ , ?,  $\frac{2^3}{8}$ ,  $\frac{2^7}{8}$

37. Place two three-letter bits together to make a six-letter word.

LIA PAN FOD DAH AST SIE DAF TUL IPE ERR

Clue: flower.

38. Insert a word that means the same as the words outside the brackets.

BOUNDARY (\_ \_ \_) LAKE

39. Place the numbers 11 to 25 in the square so that each horizontal line, vertical line and the two diagonal lines all add up to 65.

	6		8	
			9	5
	7	1		
3				2
10			4	

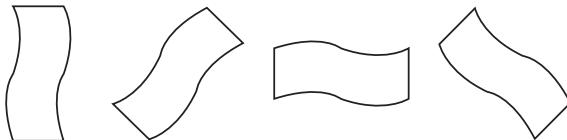
40. Find the 10-letter word.

\_R\_D\_I\_G\_Y

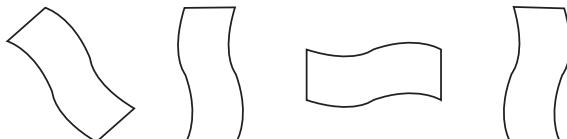
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# Test Twenty-Five: Questions

1.



What comes next in the above sequence?

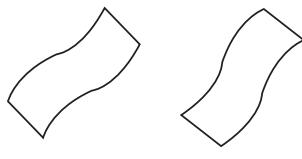


A

B

C

D

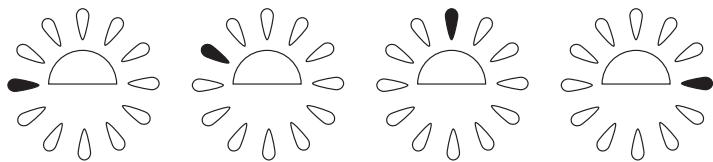


E

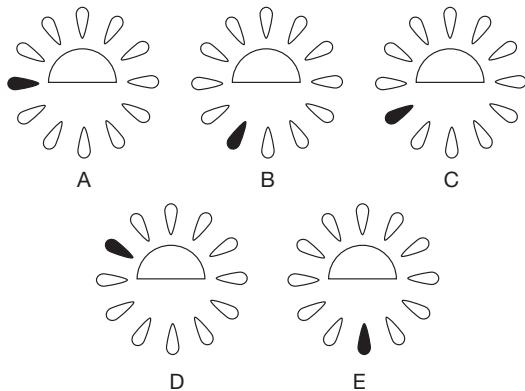
F

2. How many minutes is it before 12 noon if 20 minutes ago it was three times as many minutes after 9 am?
3. Which word in brackets is closest in meaning to the word in capitals?  
GLUTINOUS (sad, cohesive, voracious, hungry, flushed)
4. INSECURE PET is an anagram of which two words that are opposite in meaning?

5.



Which option below continues the above sequence?



6. Which is the odd one out?

nylon, vicuna, acrylic, polyester, acetate

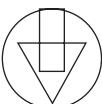
7. Which two words that sound alike but are spelt differently, mean: essence, individual?

8. Which two rhyming words mean: trading residence?

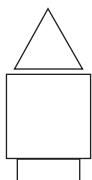
9.



is to:



as



is to:



A



B



C



D

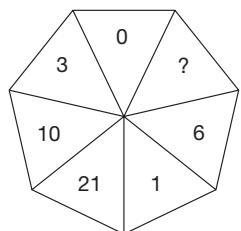


E



F

10. What number should replace the question mark?



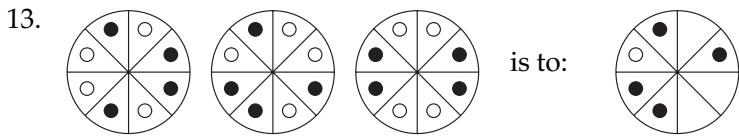
11. A well-known phrase has been divided up into groups of three letters, which

have then been placed in the wrong order. Find the phrase.

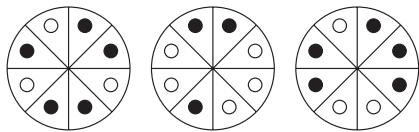
ATO, EAC, INR, LIK, NAH, OOF, OTT

12. Start at one of the corner letters and spiral clockwise round the perimeter, finishing at the centre letter, to spell out a nine-letter word. You must provide the missing letters.

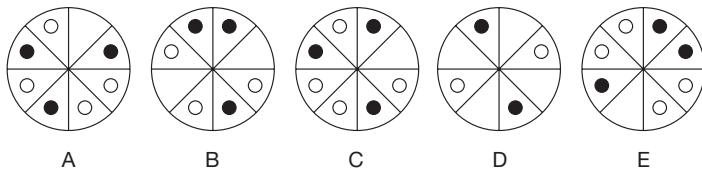
A	—	E
R	E	—
O	P	A



as



is to:



14. What is the longest English word that can be produced from the following 10 letters?

IFTWENPAML

15. Which number is the odd one out?

681422

751217

941319

831114

391221

691524

791625

16. Use every letter of the newspaper headline below, once each only, to spell out the names of three kinds of vegetable.

Chairperson Can Bat!

17. Which set of letters is the odd one out?

ADE

ILM

RUV

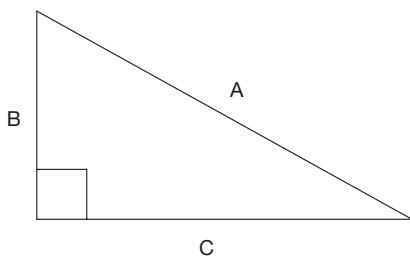
EHI

VYZ

JLM

FIJ

18.



Pythagorean numbers occur when  $a^2 = b^2 + c^2$ , for example,  $34^2 = 16^2 + 30^2$ . Find another set of whole Pythagorean numbers where b also equals 16.

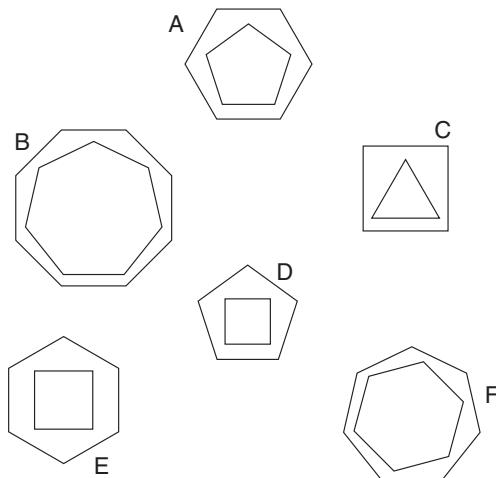
19. Complete the three words so that the same two letters that finish the first word start the second, the same two letters that finish the second word start the third and the same two letters that finish the third word also start the first word, thus completing the circle.

\_\_D U \_\_  
\_\_R E \_\_  
\_\_L U \_\_

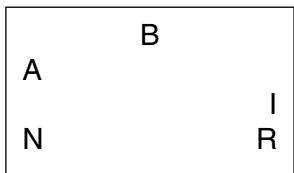
20. Insert two letters in each bracket so that they finish the word on the left and start the word on the right. The letters, when read downwards in pairs, will spell out an eight-letter word.

N A ( \_\_ ) S H  
S A ( \_\_ ) S P  
C A ( \_\_ ) E M  
R E ( \_\_ ) C H

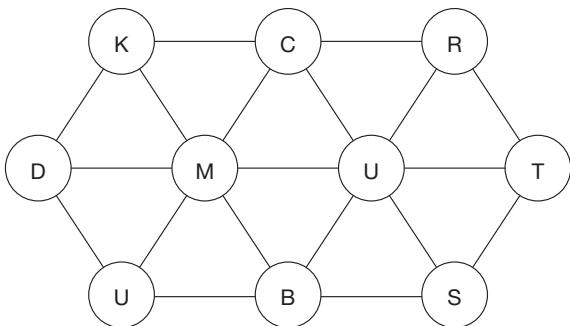
21. Which is the odd one out?



22. Find a one-word anagram for FLAT ROMP.
23. Find a six-letter word using only these four letters: L B U E.
24. What is a papillon?
  - a. dog
  - b. flower
  - c. insect
  - d. butterfly
25. What word is represented below?

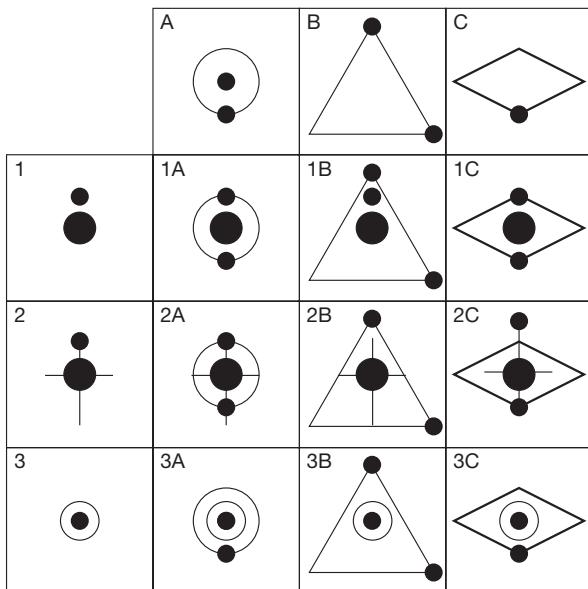


26. Find a 10-letter word by moving from circle to circle; you may only use each circle once.



27. Each of the nine squares in the grid marked 1A to 3C should incorporate all the lines and symbols that are shown in the squares of the same letter and number immediately above and to the left. For example, 2B should incorporate all the lines and symbols that are in 2 and B.

One of the squares is incorrect. Which one is it?



28. Place two four-letter bits together to equal an eight-letter word.  
 ATES, SLIM, PARE, ORIC, COMP, OMEN, INGO, METE, ORIT, SENT
29. Place the same four-letter word in front of these words to make new words.

----- WORK  
 ----- WARE  
 ----- ORE  
 ----- CLAD  
 ----- SMITH

30. Which of these is not a material?

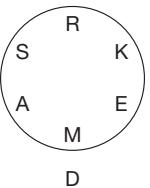
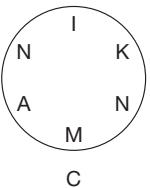
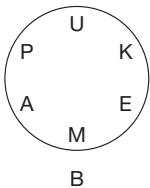
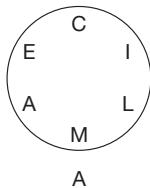
HARIMO  
 TUBRET  
 NETEAS  
 SKAMAD  
 LICOCA

31. Solve this code to find a saying.

H JMZPS UCAIV XCPRN PALCM OQZVS UCCLV XTAIN PLACQ SMAPJ  
LSSAM

Hint: the answer is unseen, but not much chance of it being OK!

32. Which circle cannot be made into a six-letter word?



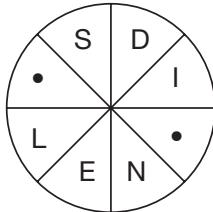
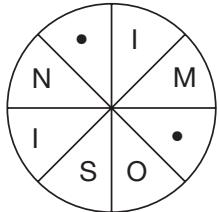
A

B

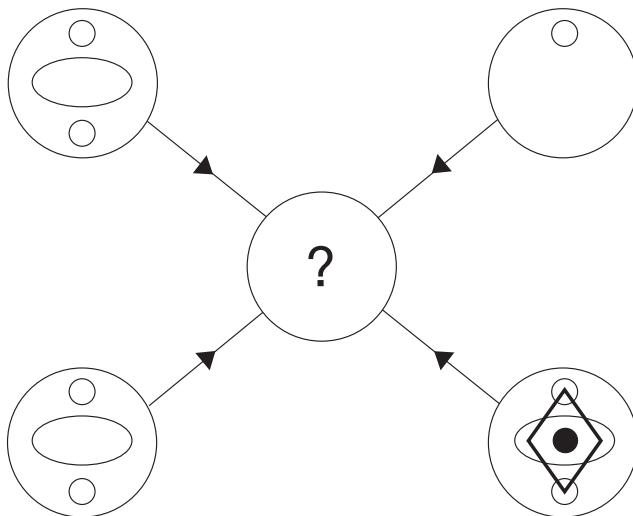
C

D

33. Fill in the blanks to find two words that are synonyms.



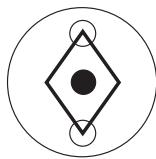
34.



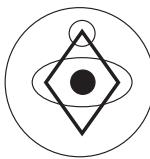
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- once: it is transferred
- twice: it is possibly transferred
- 3 times: it is transferred
- 4 times: it is not transferred

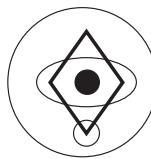
Which of the circles A, B, C, D or E, shown below, should appear at the centre of the diagram, above?



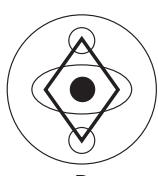
A



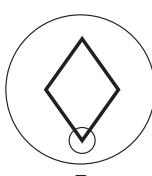
B



C



D

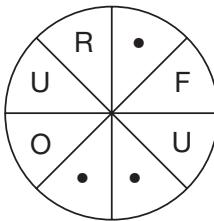
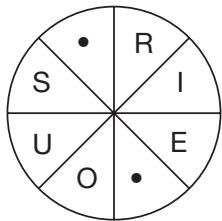


E

35. Which word is the opposite of pellucid?

- a. fragile
- b. clean
- c. opaque
- d. broken

36. Which two words mean the same?  
surprise, anger, felicity, benevolent, desire, bliss, delicate, stormy
37. All of the vowels have been removed from this trite saying. This is 'Cole's law'.  
THNLY SLCDC BBG
38. What is a melange?  
a. card game  
b. mixture  
c. caramel  
d. ice cream
39. Fill in the blanks and find two words that are synonyms.



40. What familiar foodstuff is indicated below?

CROISSA