# Test three

1. You are looking for one word in this paragraph. The word appears only once, its first letter is the ninth letter to appear after a certain vowel and the same vowel is the fifth letter to appear after its last letter. *paragraph*

2. Find the starting point and track from letter to letter along the lines to spell out the name of an American city (12 letters).
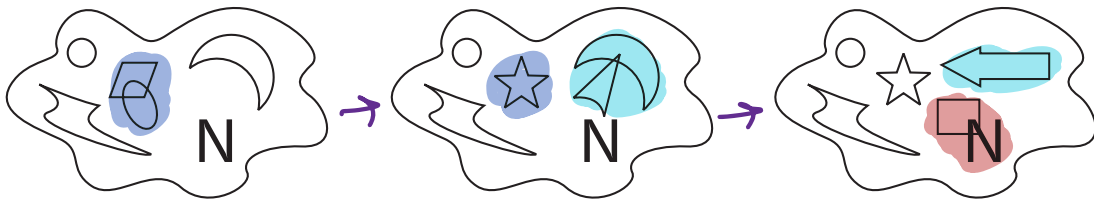
   There is one double letter in the name.

   Note: when travelling from letter to letter along a side of the triangle, lines may have to pass through letters that are not part of the solution.
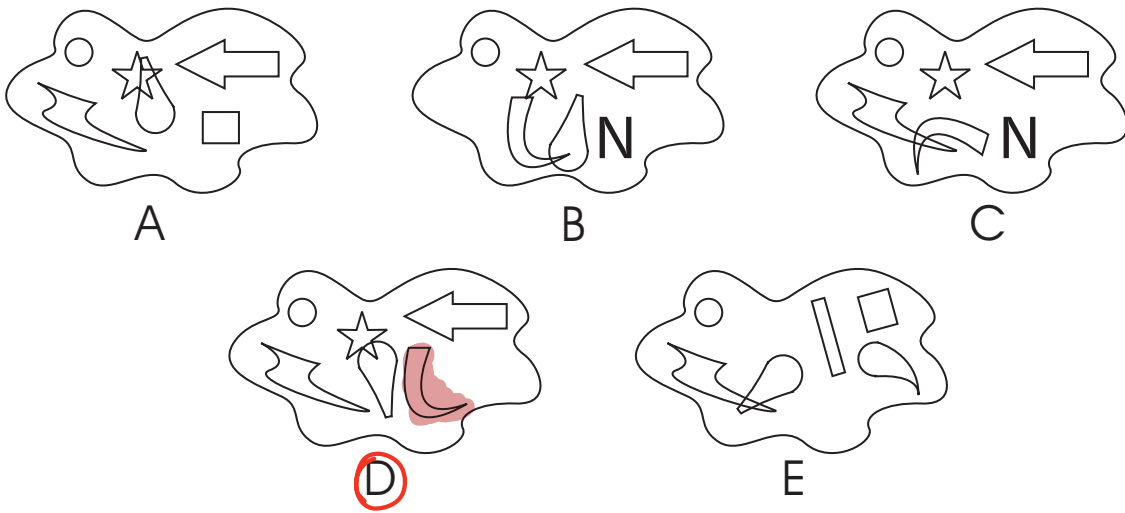
Jacksonville
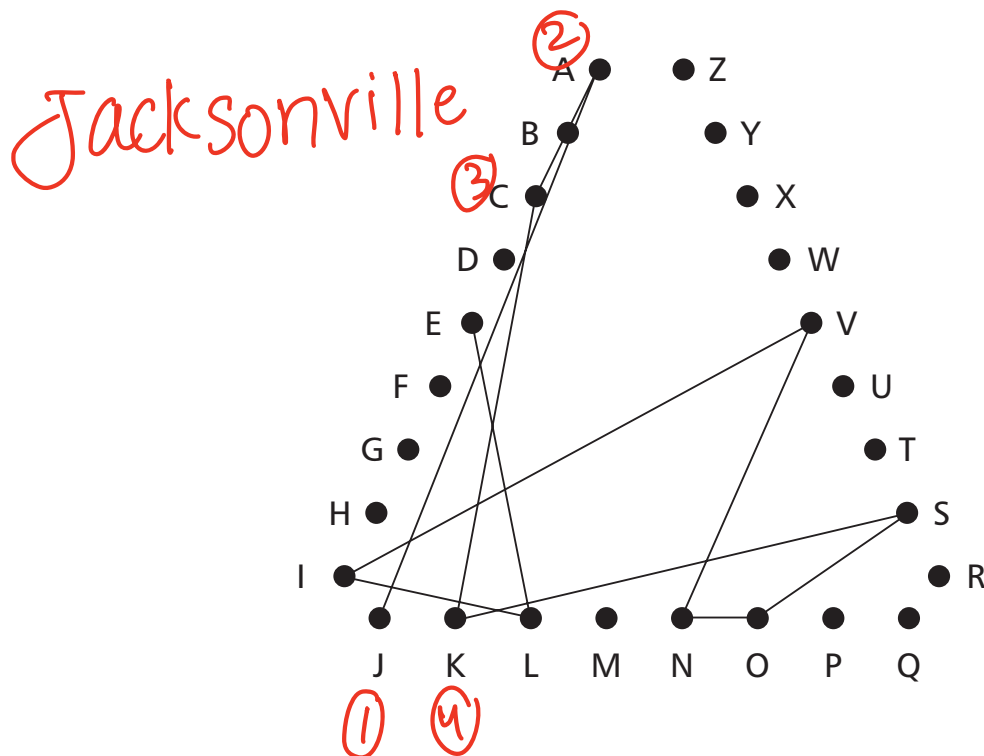
الأشكال المتقاطعة وتستبدل بشكل جديد في كل مرحلة

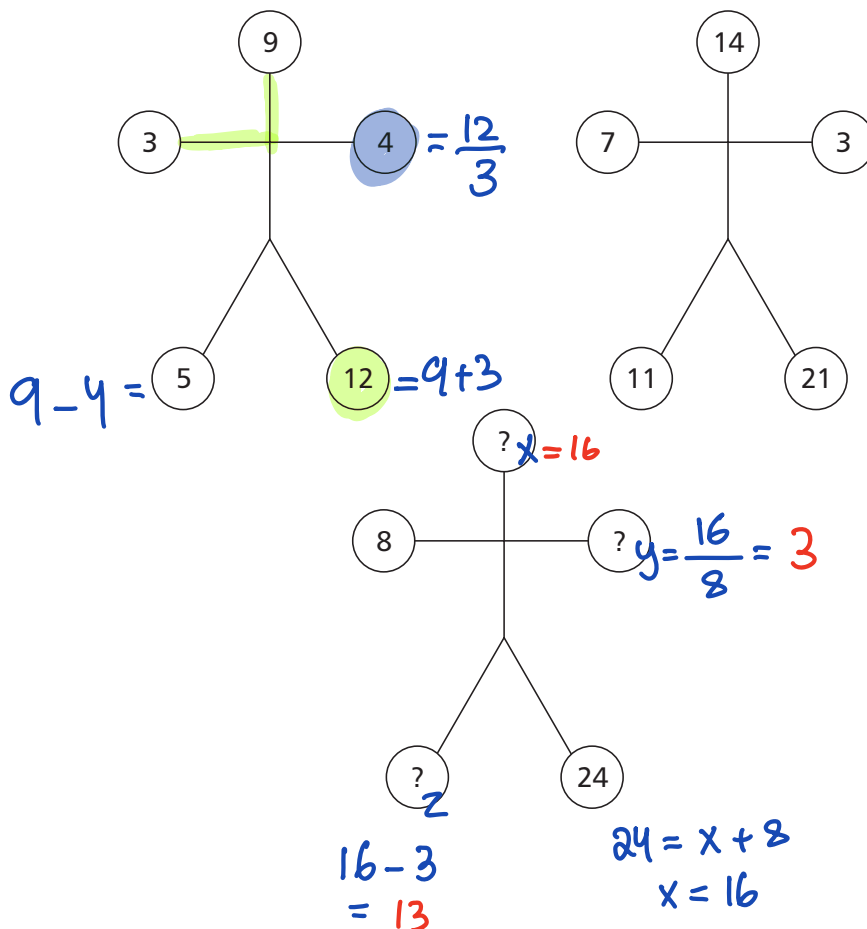## 3   Sequence

Which option below continues the above sequence?

A   B   C

D   E

4   What numbers should replace the question marks?

$= \dfrac{12}{3}$

$9 - 4 =$

$12 = 9 + 3$

$x = 16$

$y = \dfrac{16}{8} = 3$

$16 - 3 = 13$

$24 = x + 8$

$x = 16$

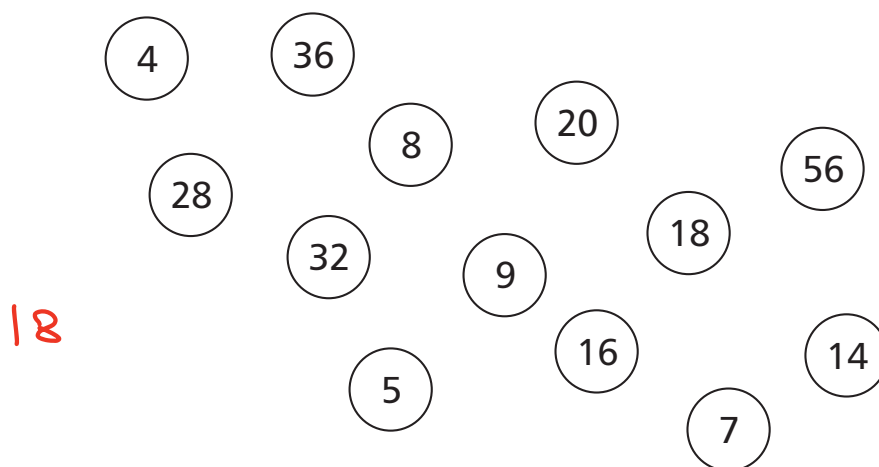|			
A — 1		Z — 26	
B — 2		Y — 25	
C — 3		X — 24	
D — 4		W — 23	
E — 5		V — 22	
F — 6		U — 21	
G — 7		T — 20	
H — 8		S — 19	
I — 9		R — 18	
J — 10		Q — 17	
K — 11		P — 16	
L — 12		O — 15	
M — 13		N — 14	

5 Taking the respective numerical position of the alphabet, decode the following phrase, for example IQ TEST = 9, 17, 20, 5, 19, 20 or 9 17 20 5 19 20.

I Q T E S T (handwritten under numbers)

1 21 12 4 12 1 14 7 19 25 14 5

A U L D L A N G S Y N E (handwritten)

Auld Lang Syne (handwritten answer)

6 Solve each anagram to find two phrases that are spelt differently but sound alike, as in: 'a name', 'an aim'.

SEMI ARC   CRIME ACE

I Scream   Ice Cream (handwritten answers)

7 Which number is the odd one out?

4   36
      8   20
28   56
   32   18
        9
18 (handwritten answer)
        16   14
   5
         7

8 What phrase can be inserted into the bottom row to complete the three-letter words reading downwards?

Clue: musical solo

A	F	H	D	L	P	H	P	M	W
G	A	U	I	E	A	O	E	A	A
O	n	e	M	a	n	B	a	n	d

(bottom row handwritten: One Man Band)

9 Solve the cryptic clue below. The answer is a 10-letter word anagram contained within the clue.
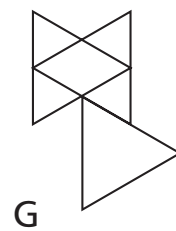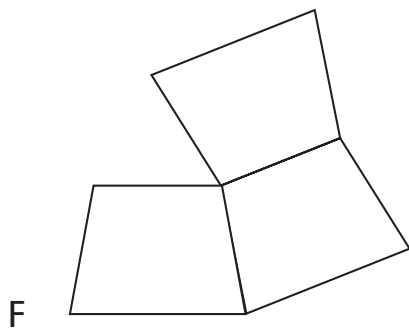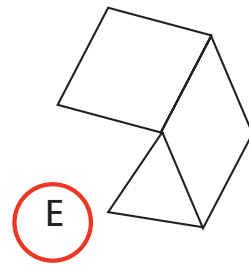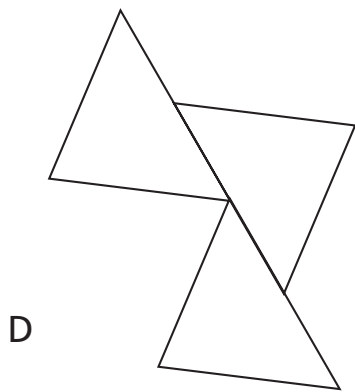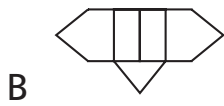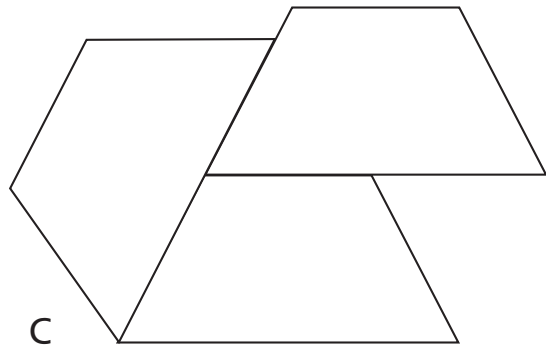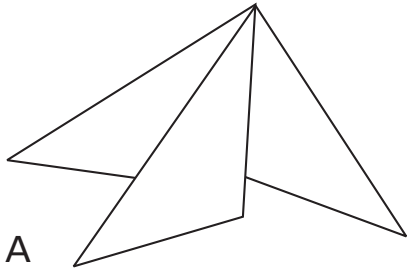
NEEDLEWORK
DECORATES
① MY DIRE
② ROBE

Embroidery

10 What is a BURGEE a type of?

a) elastic
b) flag
c) rope
d) window
e) food

11 Odd one out

Which is the odd one out?

12 Which two of these words are closest in meaning?

GLUT, SUPPLICATION, AID, CACHE, GUIDANCE, PLEA

13 Which number comes next in this sequence?

1, 2, 0, 3, –1, 4, ?   –2

14 Complete each seven-letter word in such a way that the name of a novel is spelt out by the three letters inserted in each word. You are actually looking for seven three-letter words.

HO the AD
SC old ED
RO man CE
SL a nd ER
DI the RY
RO sea TE

15 What, with reference to this question, is the next number in the sequence below?

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

the answer is 4

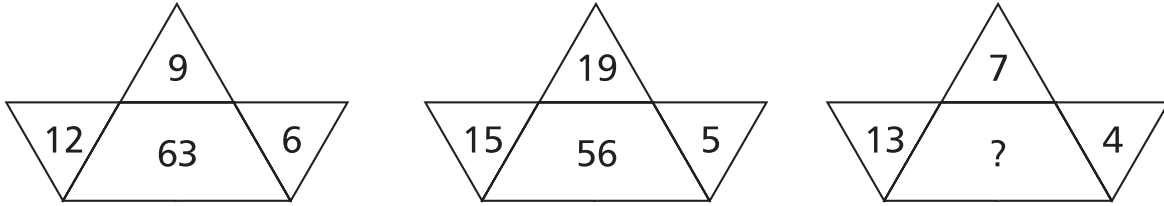## 16 Sequence
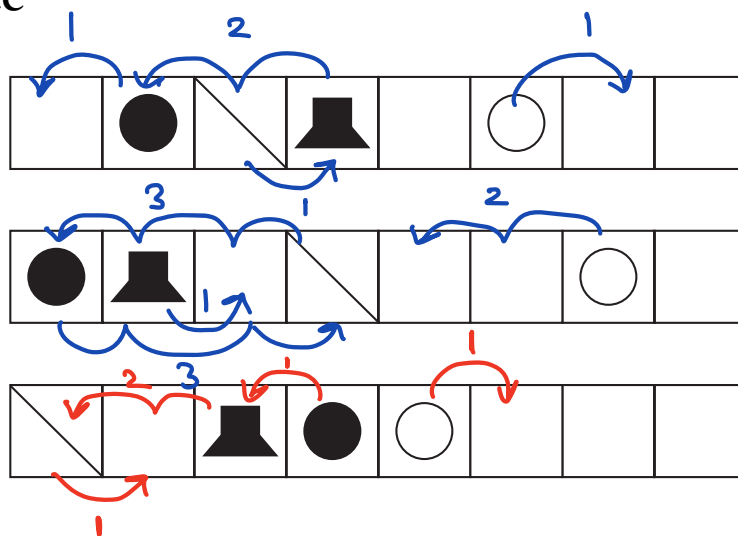
Which option below continues the above sequence?

A

B

C

D

E

17 LOB is to ORE
   as ORB is to ?

RUE

L O B
+3 +3 +3
↓ ↓ ↓
O R E

O R B
+3 +3 +3
R U E
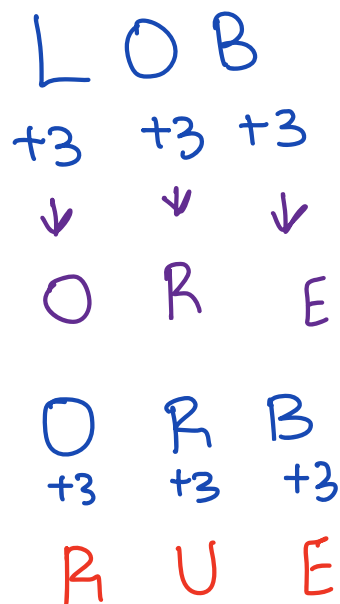
18

12 × 6 = 9 + 63

45

What number should replace the question mark?

19 Which two words that sound alike, but are spelt differently, mean:
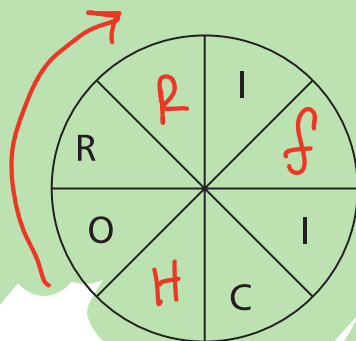
SLACK/REQUIRES   *Lax & lacks*

20 Which word in brackets is opposite in meaning to the word in capitals?

FREQUENT (glow, restrain, avoid, discard, resort)

21 Fill in the blanks, clockwise or anti-clockwise, to complete the word.
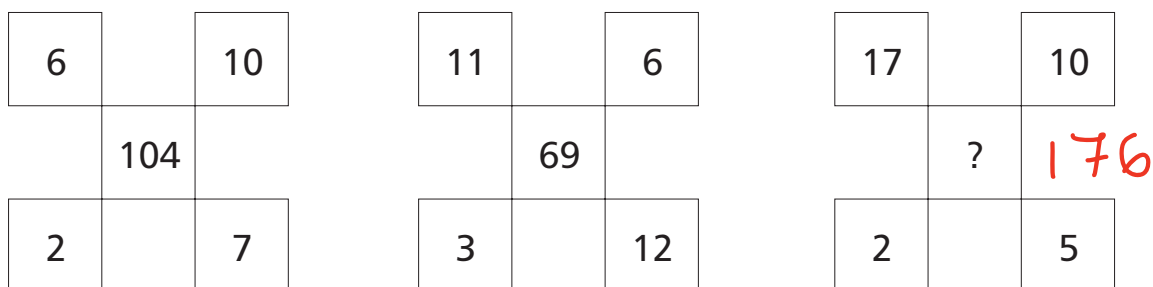

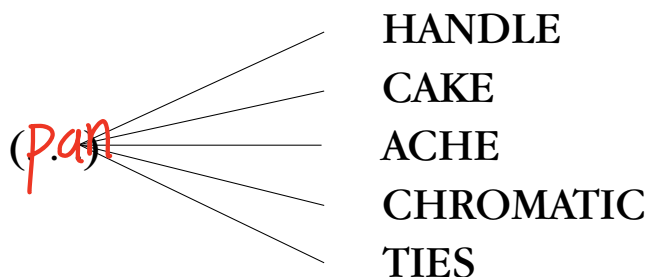
Horrific

22 What number should replace the question mark?

6		10
	104	
2		7

11		6
	69	
3		12

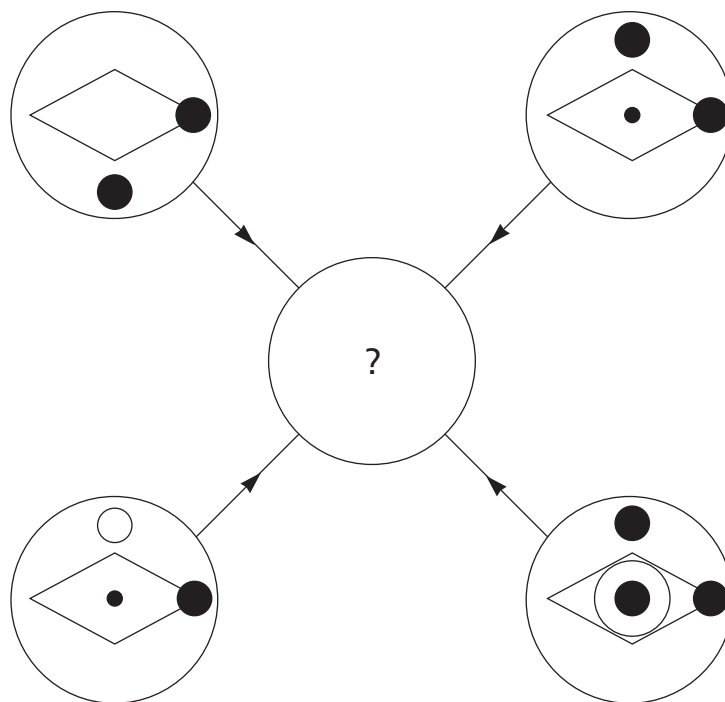| 17		10
	?	176
2		5

6 + 7 = 13
10 − 2 = 8   *13 × 8 = 104*

23 What is always associated with DOLMEN?

a) clothes
b) ironwork
c) stone
d) a statue
e) brickwork

24 Replace the dots with a word to make five new words.

(pan)

HANDLE
CAKE
ACHE
CHROMATIC
TIES

25 Symbols

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?
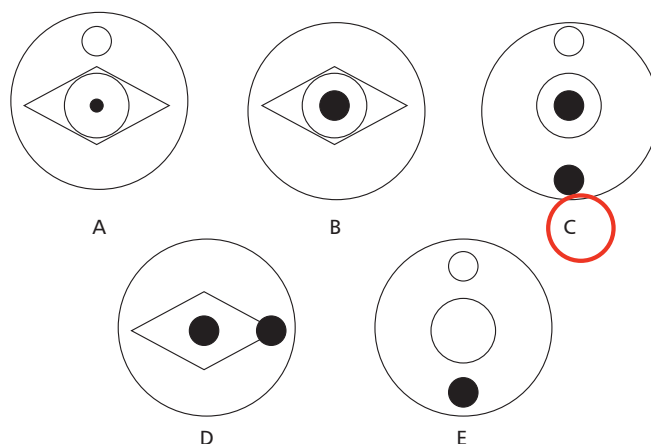
26 What is the name given to a group of FINCHES?

    a) a charm
    b) a cluster
    c) a nest
    d) a pace
    e) a spring

27 What is the value of x?

$$\frac{5}{11} \div \frac{15}{44} = x$$

$\frac{4}{3}$

28 Place three two-letter bits together to make a BIRD.

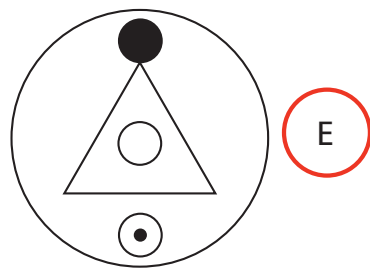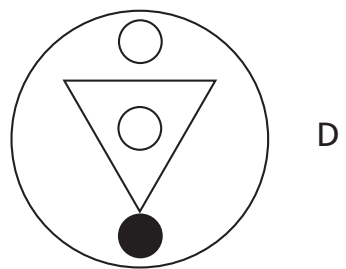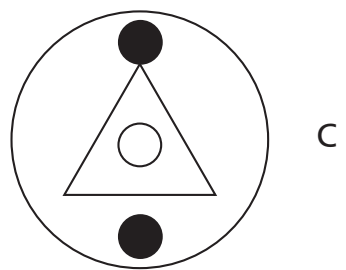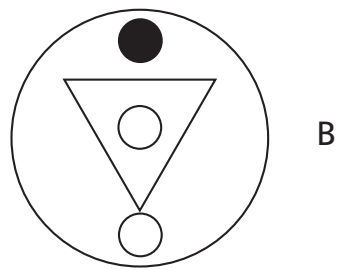CA – NA – AN – GP – GE – IE – RI – MA – PI

Magpie

29 Make a six-letter word using only these four letters.

Z G
F I

fizgig

30 Comparison

IF ⬭ IS TO: ⬭
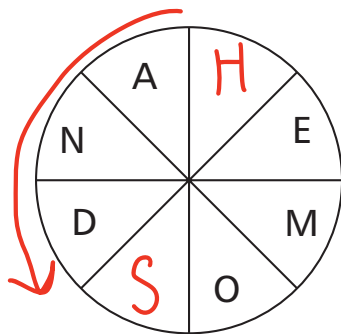
THEN ⬭ IS TO:

A ⬭

B ⬭

C ⬭

D ⬭

E ⬭
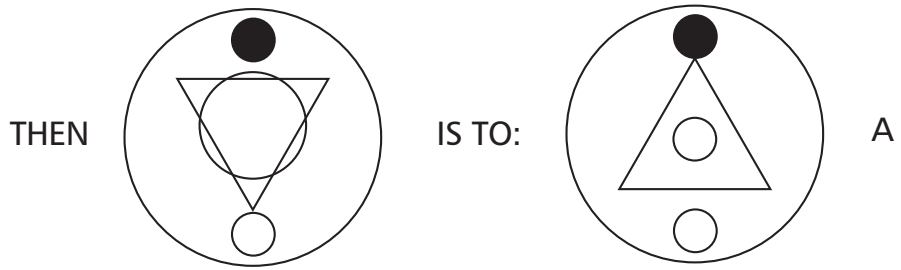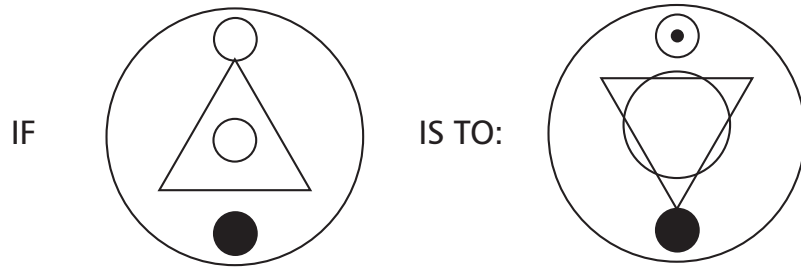
31 Insert a word which means the same as the words outside the brackets.
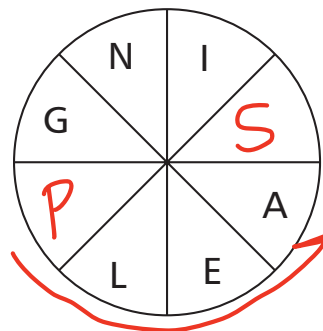
FROZEN RAIN (*Hail*) SUMMON

32 What is the value of x?

$-8 + 6 \times 8 - 2 \times 5 = x$ *30*

33 Fill in the blanks, clockwise or anti-clockwise, to form two words which are synonyms.

Handsome   *pleasing*

34 What is a GOOGOL?

a) a mathematical term
b) an albatross
c) a folk dance
d) a carrion crow
e) not a gypsy

35 Grid

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?

36 Which two words mean the same?

PRETENSION, INDECOROUS, GRATUITOUS, FREE, OVERSHADOW, NEFARIOUS

37 Solve the one-word anagram.

GORILLA SET

Alligators

38 What number should equal the question mark?

4	2	8	16
6	3	7	14
9	3	8	24
8	4	16	?

$$\left(\frac{8}{4}\right) \times 16 = 32$$

32

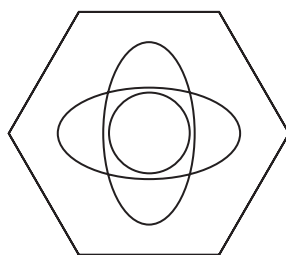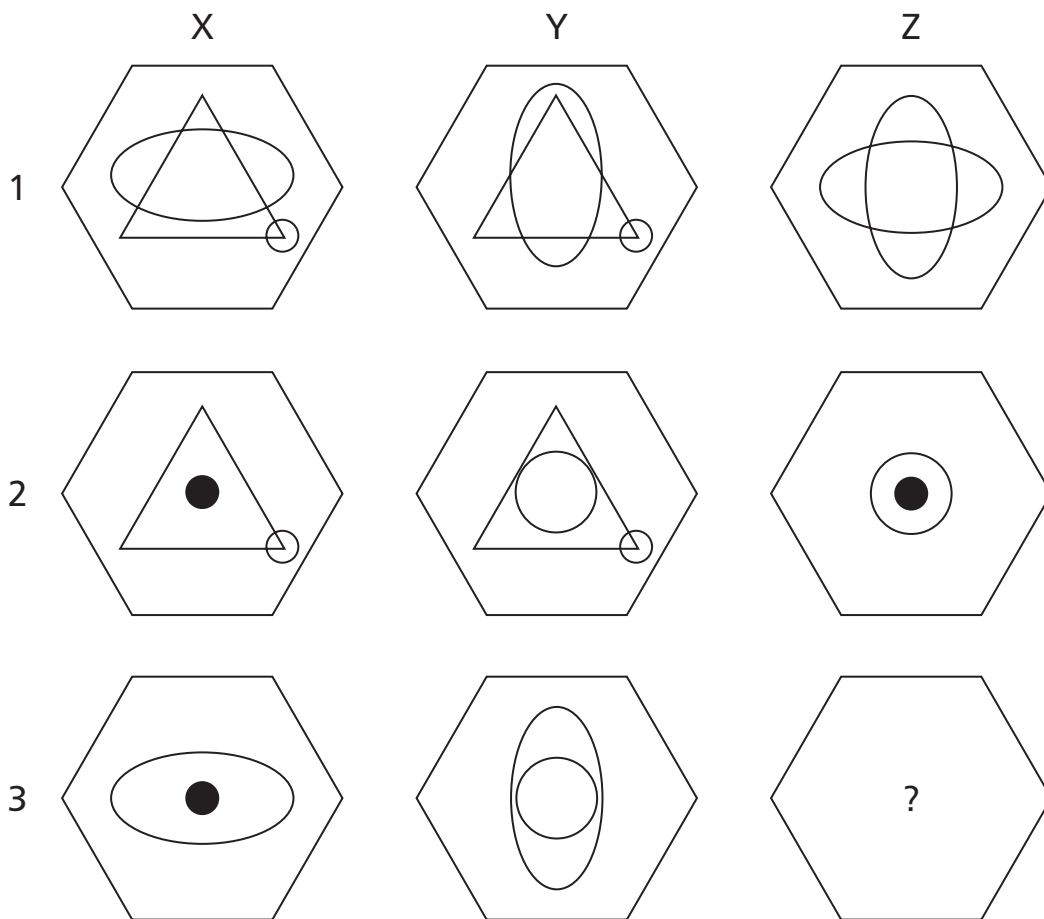39 What number should replace the question mark?
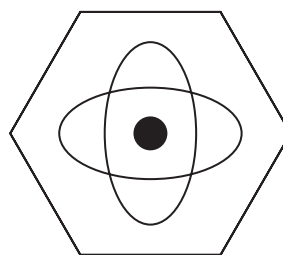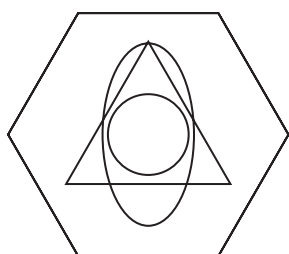
27, 31, ?, 32, 29, 33, 30

+4 -3 +4 · · ‾

28

40 Hexagon
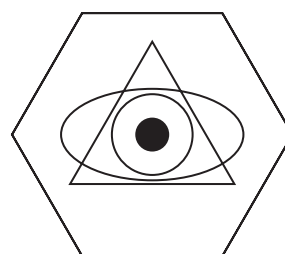
Which hexagon fits the missing space?