

**Maths**

**Factors & Multiples**

1 and 45 are two factors of the number 45.

Which list below shows the four other factors of 45?

- a) 3, 5, 9, 14
- b) 3, 5, 9, 15
- c) 3, 4, 11, 15
- d) 5, 6, 7, 9
- e) 3, 5, 8, 15

Which of these numbers is not a common factor of 15 and 30?

- a) 3
- b) 5
- c) 10
- d) 1
- e) 15

Which number below would go in the shaded box of this sorting diagram?

	Multiple of 4	Not a multiple of 4
Factor of 80	8, 80	5, 10
Not a factor of 80	12, 24	7, 25

Which of these numbers has the most factors?

- a) 11
- b) 9
- c) 10
- d) 12
- e) 8

- a) 34
- b) 32
- c) 20
- d) 16
- e) 2

**Prime Numbers**

Harley thinks of a prime number between 90 and 100.

What number is Harley thinking of?

- a) 99
- b) 93
- c) 95
- d) 91
- e) 97

Which of these is a prime number?

- a) 24
- b) 25
- c) 23
- d) 21
- e) 22

**English – Prepositions**

Choose the correct preposition to complete the sentences.

next to	up	inside	on	before
with	at	during	over	in

The horse jumped over the fence.

You must finish writing your letter before you eat your snack.

During playtime, she had to practise playing the piano.

It took all day for me to climb up the mountain.

Hang the dress inside the wardrobe next to the orange skirt.

I will help you in a moment.

I am going to the park with my sister.

I must visit my uncle at exactly 10:00am on Thursday.

**Verbal Reasoning - Word Codes**

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

1. If the code for BLUE is CMVF, what is the code for GREEN? H S F F O

2. If KNTC is the code for LOUD, what is the code for QUIET? P T H O S

3. If the code for GRASS is HTDWX, what is the code for TREE? V T H I

4. If PARTY is written in code as OWQPX, what is the code for FEAST? E A Z O S

5. If the code for HISTORY is KHVSRQB, what is the code for SCIENCE? V B L D Q B H

6. If LORRY is written in code as QJWMD, what is the code TRUCK? Y M Y X P

7. If the code for SHEEP is HSVVK, what is the code for COWS? X L D H

LP

HPMT

8. If the code for DANCE is WZMXV, what is the code for SING?

-1 -6 -8 -1

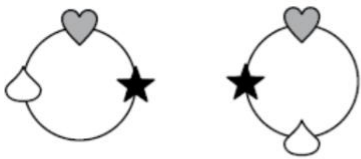
9. If TRAIN is written in code is SLIHV, what is the code for PONY?

ZMTIB

10. If the code for HAPPY is SZKKB, what is the code for ANGRY?

**Non – Verbal Reasoning - Colour**

Find the figure most like the two on the top



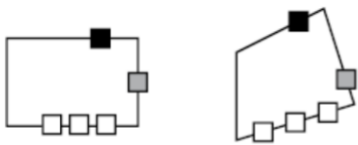
a)

b)

c)

d)

e)



a)

b)

c)

d)

e)



a)

~~b)~~

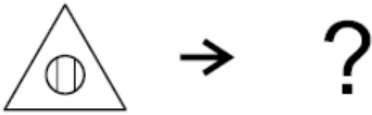
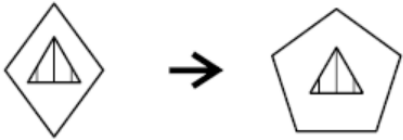
~~c)~~

~~d)~~

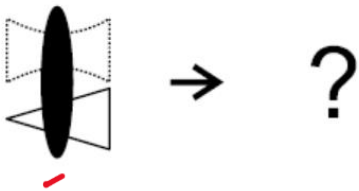
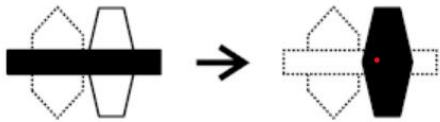
~~e)~~

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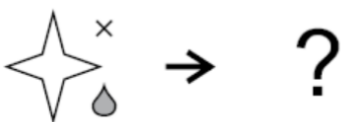
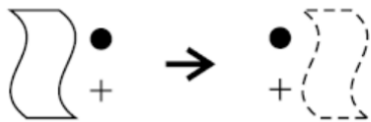
**Analogies – Complete the pair**



- |    |    |    |    |    |
|----|----|----|----|----|
| a) | b) | c) | d) | e) |
|----|----|----|----|----|



- |    |               |               |               |               |
|----|---------------|---------------|---------------|---------------|
| a) | <del>b)</del> | <del>c)</del> | <del>d)</del> | <del>e)</del> |
|----|---------------|---------------|---------------|---------------|



- |               |    |    |               |    |
|---------------|----|----|---------------|----|
| <del>a)</del> | b) | c) | <del>d)</del> | e) |
|---------------|----|----|---------------|----|