

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? MSFFO

2. If KNTC is the code for LOUD, what is the code for QUIET? PTHOS

3. If the code for GRASS is HTDWX, what is the code for TREE? UTHI

4. If PARTY is written in code as OWQPX, what is the code for FEAST? EATOS

5. If the code for HISTORY is KHVSRQB, what is the code for SCIENCE? VBLDQBH

6. If LORRY is written in code as QJWMD, what is the code for TRUCK? YMYXP

7. If the code for SHEEP is HSVVK, what is the code for COWS? XLDH

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

LP

HPMT

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

-1 -6 +8 -1 +8

OEVX

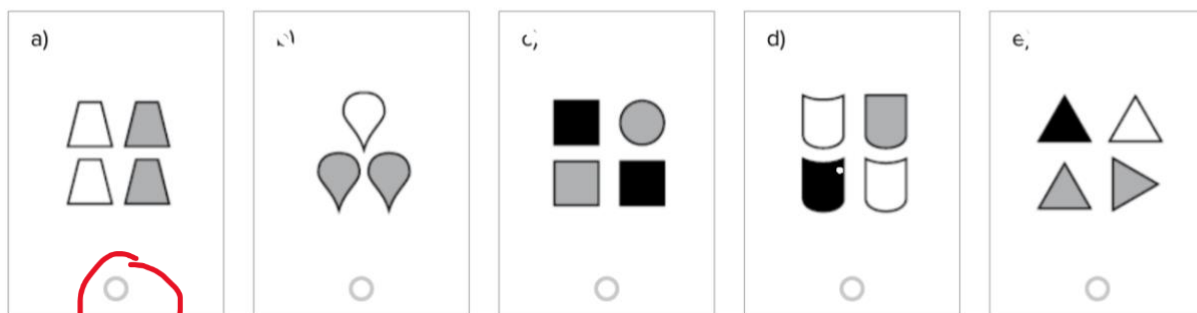
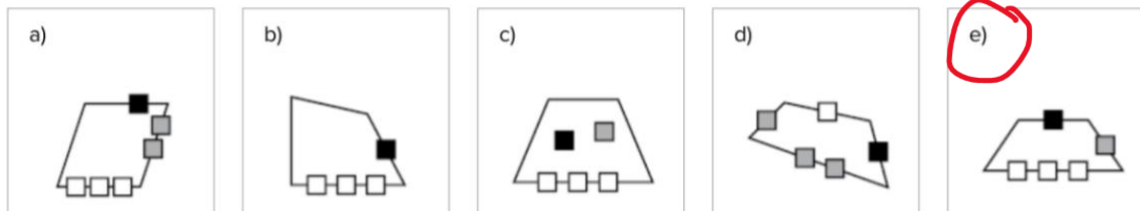
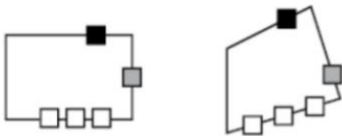
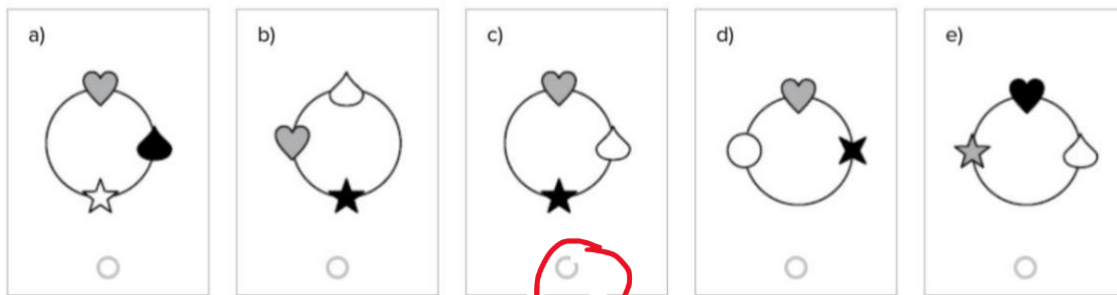
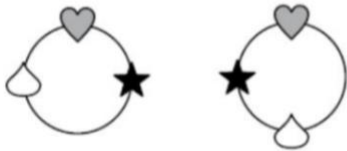
10. If the code for HAPPY is SZKKB, what is the code for ANGRY?

LP

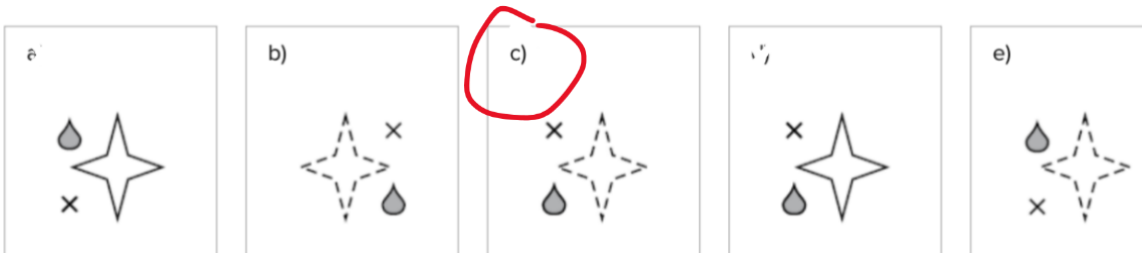
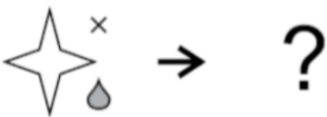
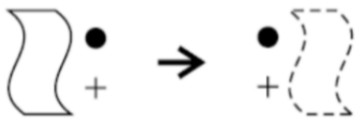
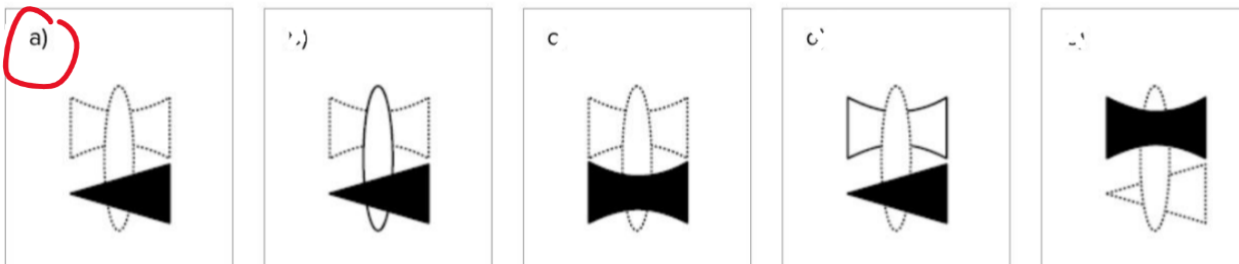
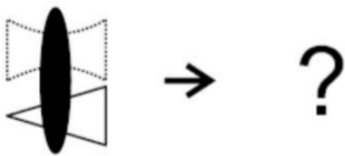
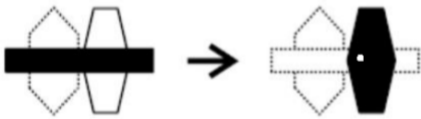
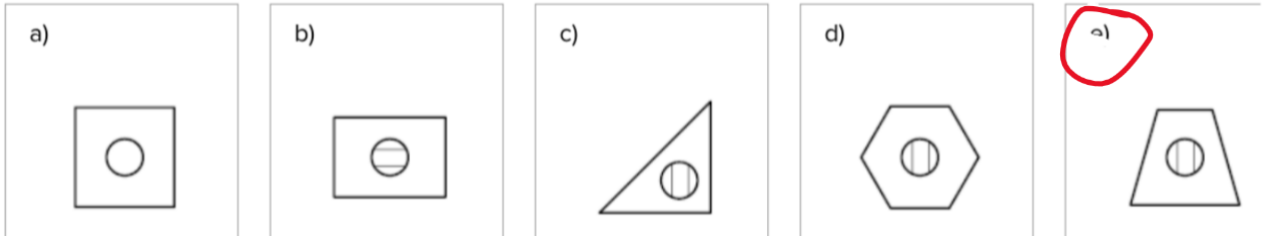
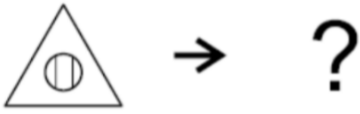
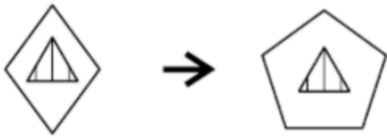
ZMTIB

Non – Verbal Reasoning - Colour

Find the figure most like the two on the top



Analogies – Complete the pair



Roger's Records

"Dad?"

"What now?" Roger's father said wearily, without looking up from his newspaper.

"Guess how old Robert Wadlow was when he could carry his father up the stairs."

"I've no idea," said Roger's father.

5 "Have a guess," Roger insisted.

"Twelve."

"Wrong! It says here that Robert Pershing Wadlow, the tallest man that ever lived, was nine years old. That's the same age as me!"

10 Mr Cherry had been forced to listen to many of these fascinating facts from his son, but he had only himself to blame. It was his idea to buy Roger his first 'Book of World Records' three years ago and he had given his son the new edition every Christmas since then.

"Dad?"

"Yes, son."

15 "What do you think the record is for the furthest distance for spitting a watermelon seed?"

"Ten metres," said Mr Cherry, reading the same sentence in his newspaper for the fifth time.

"Wrong! It's actually seventy three metres!" yelled Roger triumphantly.

20 He loved it when his father got the answer wrong. He was a teacher but he didn't know his records. Roger searched for another killer question. He knew that he probably only had time for one more before his father's patience ran out. He started reading about the woman with the longest fingernails in the world.

"Dad?"

25 There was no reply. Roger looked across the living room at an outspread newspaper that seemed to have sprouted legs and feet. The feet were wearing tartan slippers, and coming from behind the newspaper was a sound like the breathing of a wounded warthog. Roger wondered if there was a record for the loudest snoring in the world!

1. How old is Roger?

- A Six
- B Seven
- C Eight
- ☒ D Nine
- E Ten

2. According to the text, what could Robert Pershing Wadlow do?

- ☒ A Carry his father up the stairs
- B Spit watermelon seeds
- C Grow really long finger nails
- D Tell his father annoying facts
- E Snore louder than anyone else in the world

3. When does Roger receive each year's 'Book of World Records'?

- A** On his birthday
- B** At Christmas
- C** Every January
- D** At Easter
- E** When he has been good

4. What is Roger's father's job?

- A** Journalist
- B** Teacher
- C** Writer for the 'Book of World Records'
- D** Policeman
- E** Builder

5. Which word best describes how Roger's father feels about Roger's questions?

- A** Confused
- B** Proud
- C** Furious
- D** Happy
- E** Uninterested

6. Which of these records is not mentioned in the story?

- A** The World's furthest seed spit
- B** The World's tallest man
- C** The World's longest fingernails
- D** The World's best-selling book
- E** The World's loudest snore

7. Why does Roger's father not reply to Roger's final question?

- A** He has already left the room.
- B** He refuses to answer any more questions.
- C** He has fallen asleep.
- D** He is concentrating on reading.
- E** He is watching a cartoon on television.

8. Which of these words is closest in meaning to “yelled” (line 19)?

- ☒ **A** Shouted
- ☐ **B** Laughed
- ☐ **C** Said
- ☐ **D** Whispered
- ☐ **E** Begged

9. Which of these words is closest in meaning to “fascinating” (line 9)?

- ☐ **A** Wrong
- ☐ **B** Boring
- ☐ **C** Out-of-date
- ☒ **D** Interesting
- ☐ **E** Correct

10. Which of these words is closest in meaning to “sprouted” (line 26)?

- ☐ **A** Appeared
- ☐ **B** Walked
- ☐ **C** Lost
- ☒ **D** Grown
- ☐ **E** Eaten

11. “a sound like the breathing of a wounded warthog” (lines 27-28).
Which of the following words is an adjective?

- ☐ **A** sound
- ☐ **B** like
- ☐ **C** breathing
- ☒ **D** wounded
- ☐ **E** warthog

12. “Roger” (line 5) and “Christmas” (line 12) are examples of which part of speech?

- ☐ **A** Common nouns
- ☐ **B** Verbs
- ☐ **C** Adjectives
- ☒ **D** Proper nouns
- ☐ **E** Pronouns