

Verbal Reasoning – Shuffled Sentences

1. garage pick petrol red he to the went up car his to

petrol

2. strong bought rack for he a combination his bike for lock

rack or for

3. to her raining went cat mother pick the up

raining

4. chasing the why were faster police the car

faster

5. close market shops dangerously stalls were the positioned road the to

shops

6. rise rain lightning dam's the making level was water the

lightning

7. she cow the water get struggled the out to of

she

8. fork knife up carrot picked the with he his

knife

9. ambulance cut blood hand his called the he badly so that he

blood

10. crisis gherkin a not chips finding burger your in a is

chips

Maths - Algebra

If $a = 4$, work out the value of the following expressions.

1. $56 - a$ Answer: 52

2. $73 + a$ Answer: 77

3. $6a$ Answer: 24

4. $32 \div a$ Answer: 8

5. $3a - 2$ Answer: 10

Hint: If a number and a letter are next to each other, you need to multiply them together.

/ 5

The expression $3n - 1$ can be used to find the n th term in a number sequence.

Use the expression to find each of the following terms in the sequence.

6. The 1st term. Answer: 2

7. The 6th term. Answer: 17

8. The 10th term. Answer: 29

9. The 15th term. Answer: 44

10. The 20th term. Answer: 59

Hint: To find a term, replace n in $3n - 1$ with the term number and work out the calculation.

/ 5

11. A bouncy castle company uses the formula $25 + 7z$ to work out how many pounds to charge people when they hire a bouncy castle for z hours. If Mrs Shah wants to hire a bouncy castle for 5 hours, how much will she be charged?

Hint: Use the BODMAS rule — do multiplication before addition.

Answer: £ 60

12. A football club are ordering kits for the new season. The cost, in pounds, of y kits is given by the expression $15 + 8y$. How much will it cost the club if they order 20 kits?

Answer: £ 175

13. Gaby is x years old. Her mum is 24 years older. Which expression gives Gaby's mum's age in years? Circle the correct answer.

A $x - 24$

B $x + 24$

C $24x$

D $24 - x$

E $24 \div x$

14. Mr Ali is ordering some Maths books over the Internet. The books cost £3 each and the postage is £4.99 for an order of any size. Which expression gives the cost, in pounds, of ordering y books? Circle the correct answer.

A $3y + 4.99y$

C $3 + 4.99y$

E $3y + 4.99$

B $3y$

D $3y - 4.99$

/ 4

Term 6 Session 2

It takes Abraham x minutes to run a race. It takes Fikadu twice as long, and he stops for 5 minutes to tie his shoelaces. Which expression gives Fikadu's total race time in minutes?

- ☐ a) $x + 5$
- ☒ b) $2x + 5$
- ☐ c) $x \times 5$
- ☐ d) $2x$
- ☐ e) $2x - 5$

If $35 = 6t - t$, what is the value of t ?

- ☐ a) 8
- ☐ b) 9
- ☐ c) 6
- ☒ d) 7
- ☐ e) 5

$x + 8 = 3 \times 11$

What is the value of x ?

- ☐ a) 41
- ☐ b) 35
- ☐ c) 8
- ☐ d) 3
- ☒ e) 25

fdsa

The price list for Paddy's Pamper Shack is shown below.

Treatment	Price
Facial	$\pounds M$ 12
Manicure	$\pounds 20 - M$ 6
Pedicure	$\pounds M - 2$ 10
Massage	$\pounds 2M$ 24

Maria had a facial and a massage. Donna had a manicure and a massage. If $M = 12$, what would be the total cost of Maria and Donna's treatments?

- ☒ a) £68
- ☐ b) £60
- ☐ c) £72
- ☐ d) £52
- ☐ e) £58

Chase has pet mice (M) and rats (R). Bobby has twice as many mice and three times as many rats as Chase. Which expression gives the total number of mice and rats that Bobby has?

- ☐ a) $6MR$
- ☒ b) $2M + 3R$
- ☐ c) $2M \times 3R$
- ☐ d) $2R + 3M$
- ☐ e) $2R - 3M$

Term 6 Session 2

Leena has £18. She goes shopping and buys 1 pencil case for £12 and 3 pens for £ f each.

What is the value of f ?

- ☐ a) 6
- ☐ b) 12
- ☐ c) 4
- ☒ d) 2
- ☐ e) 3

$$18 - 12 = 6 \div 3$$

If $a = 6$ and $b = 9$, what is the value of $3a + 2b$?

- ☐ a) 45
- ☒ b) 36
- ☐ c) 27
- ☐ d) 42
- ☐ e) 24

$$18 + 18$$

English - Grammar

Tomorrow, Carl will auditioned for a place at Lawton University. This prestigious

A

B

C

D

N

institution only admits ten dancers per year, so he's determined to seize this

A

B

C

D

N

opportunity. To make sure he's ready for the audition, he been rehearsing

A

B

C

D

N

at least twice a day for weeks. After all, it could earn him an university place.

A

B

C

D

N

If she had read the book, Tina would have understood the film's plot better.

What type of word is 'would' in the sentence above?

Tick the box next to the correct answer.

A modal verb

☒

B preposition

☐

C adverbial

☐

D adverb

☐

Term 6 Session 2

. The number of kiwis in New Zealand **was** **has** **is** **did** **have**

A **B** **C** **D** **E**

. plummeted. **Whereas** **If** **While** **Consequently** **Also**, conservationists

A **B** **C** **D** **E**

. have intensified their efforts to save **them** **him** **her** **its** **they**. Eventually, they

A **B** **C** **D** **E**

. hope to remove kiwis **with** **from** **to** **in** **up** the list of endangered species.

A **B** **C** **D** **E**

Circle the letter below the part of the sentence that contains an adverbial.

Naomi and Stephen, who both love sport, play badminton as often as possible.

A

B

C

D

Syed is afraid of heights so he refused to go on the roller coaster.

What type of word is 'afraid' in the sentence above?

Tick the box next to the correct answer.

A verb

☐

B adjective

☒

C adverb

☐

D noun

☐

The postman delivered the parcel you were expecting.

What is 'you were expecting' an example of in the sentence above?

Tick the box next to the correct answer.

A adverbial

☐

B main clause

☐

C noun phrase

☐

D relative clause

☒

Which of the words below cannot be used as a determiner?

Tick the box next to the correct answer.

A this

☐

B some

☐

C how

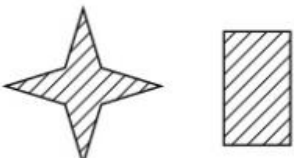
☒

D Joe's

☐

For each question below there are two figures that are like each other in some way.
Find which of the five figures on the right is most like the two figures on the left.

1.



a

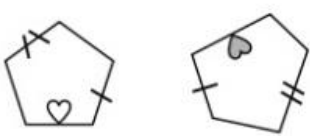
b

c

d

e

2.



a


b

c

d

e

3.



a

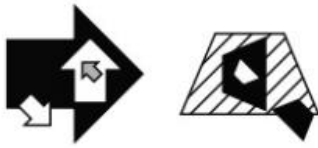
b

c

d

e

4.



a

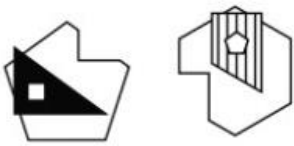
b

c

d

e

5.



a

b

c




d

e


Term 6 Session 2

Each question has some shapes on the left with code letters that describe them. You need to work out what the code letters mean. There is then a shape on its own next to a choice of five codes. Work out which code describes this shape.

6.








DP
DQ
CP




DP CP CQ FQ PQ
a b **c** d e

7.








BGL
CHM
BFM




C G L
BFL CGL BGL CGM CFL
a **b** c d e

8.









LT
LS
MU




LT MT LU MS MU
a b c d **e**

9.






RD
SE
SF
RF








RE SD RD SE RF
a b c **d** e

Each of these questions has five squares on the left that are arranged in order. One of the squares is missing. One of the squares on the right should go in its place. Find which one of the five squares on the right should go in place of the empty square.






10.


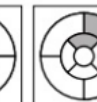
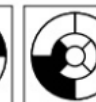

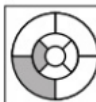






a b c d e

11.

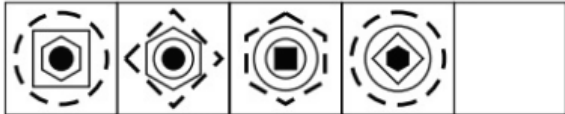







a b c d e

12.  

a b **c** d e

13.  

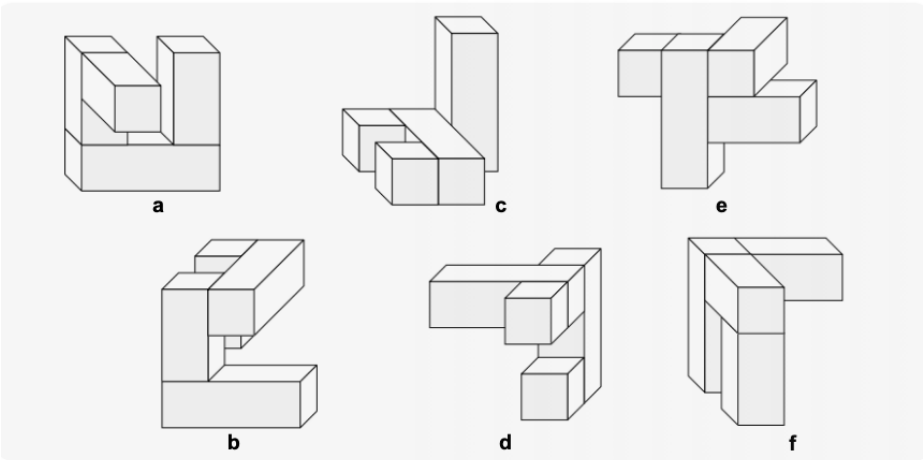
a b c **d** e

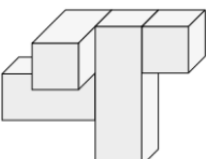
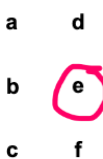
14.  

a b c **d** e

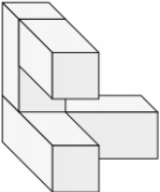

Spatial Reasoning – 10 minute test

Work out which 3D figure in the grey box has been rotated to make the new 3D figure.

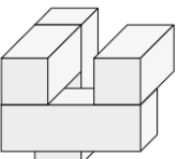



1.  

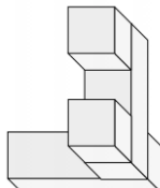

a d
b **e**
c f

2.  

a d
b e
c **f**

3.  

a d
b e
c f

4.  

a **d**
b e
c f

Work out which option shows the figure on the left when folded along the dotted line.

5.



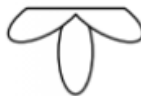
a



b



c



d



e

6.



a



b



c



d



e

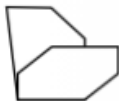
7.



a



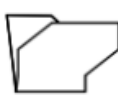
b



c



d



e

8.



a



b



c



d



e

9.



a



b



c



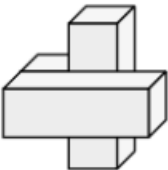
d



e

Work out which set of blocks can be put together to make the 3D figure on the left.

10.



a


b

c

d

e

11.



a

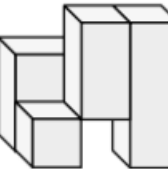
b

c

d

e

12.



a

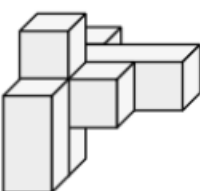
b

c

d

e

13.



a

b

c

d

e

Term 6 Session 2

An extract from 'Christmas-tree Land'

by Mary Molesworth

It was not their home. That was easy to be seen by the eager looks of curiosity and surprise on the two little faces inside the heavy travelling carriage. Yet the faces were grave, and there was a weary look in the eyes, for the journey had been long, and it was not for pleasure that it had been undertaken. The evening was drawing in, and the day had been a somewhat gloomy one, but as the light slowly faded, a soft pink radiance spread itself over the sky. They had been driving for some distance through a flat monotonous country; then, as the ground began to rise, the coachman relaxed his speed, and the children, without knowing it, fell into a half slumber.

"I don't think even the fairies themselves could do that," she answered.

But here their soft-voiced talking was interrupted. Two attendants, an elderly man and a young, rosy-faced woman, whose eyes, notwithstanding her healthy and hearty appearance, bore traces of tears, had got down from their seat behind the carriage.

"Master Rollo," — "My little lady," they said, speaking together; "yonder is the castle. The coachman has just shown it to us. This is the first sight of it."

It was when the chariot stopped to allow the horses breathing time that they started awake and looked around them. The prospect had entirely changed. They were now on higher ground, for the road had wound up and up between the hills, which all round encircled an open space — a sort of high up valley, in the centre of which gleamed something white. But this did not at first catch the children's view. It was the hills rising ever higher and higher, clothed from base to summit with fir-trees, innumerable as the stars on a clear frosty night, that struck them with surprise and admiration. The little girl caught her breath with a strange thrill of pleasure, mingled with awe.

"Rollo," she said, catching her brother's sleeve, "it is a land of Christmas trees!"

Rollo gazed out for a moment or two without speaking. Then he gave a sigh of sympathy.

"Yes, Maia," he said; "I never could have imagined it. Fancy, only fancy, if they were all lighted up!"

Maia smiled.

Question 1

Which of the following best describes how Maia and Rollo feel in the first paragraph of the text?

- ☒ Intrigued but tired
- ☐ Bored and wary
- ☐ Excited and energised
- ☐ Sleepy and irritable
- ☐ Gloomy and uninterested

Question 2

According to the text, which of the following statements best describes the journey?

- ☐ It has been on flat ground throughout.
- ☐ It has moved from hilly ground to flat ground.
- ☐ It has been on hilly ground throughout.
- ☒ It has moved from level ground to hilly ground.
- ☐ It has been downhill throughout.

Question 3

Why does the carriage stop?

- ☐ It is getting dark outside.
- ☐ The ground is getting too rocky.
- ☐ Maia and Rollo want to look around.
- ☒ The horses need to rest.
- ☐ The horses want some fresh air.

Question 4

Which of the following best describes how Maia and Rollo feel about the view from the carriage after they wake up?

- ☐ Horrified
- ☐ Frightened
- ☒ Delighted
- ☐ Confused
- ☐ Calm

Question 5

Which of these statements about Maia and Rollo must be true?

- ☒ They don't notice the castle at first.
- ☐ They are amazed by the sight of the castle.
- ☐ They can't see the castle from the carriage.
- ☐ They have visited the castle many times before.
- ☐ They refuse to look at the castle.

Question 6

Which of the following could not be used to describe the young attendant?

- ☐ Youthful
- ☐ Pink-cheeked
- ☐ Sad
- ☐ Friendly
- ☒ Carefree

Term 6 Session 2

Question 7

Which of the following words is closest in meaning to 'mingled' in this extract from the passage: "a strange thrill of pleasure, mingled with awe"?

- ☐ weakened
- ☐ charged
- ☐ intensified
- ☐ replaced
- ☒ mixed

Question 8

What does the word 'gleamed' mean in this extract from the passage: "in the centre of which gleamed something white"?

- ☐ Framed
- ☐ Hung
- ☐ Stood
- ☒ Shone
- ☐ Sat

Question 9

What technique is used in this extract from the passage: "fir-trees, innumerable as the stars on a clear frosty night"?

- ☐ Personification
- ☐ Exaggeration
- ☐ An idiom
- ☒ A simile
- ☐ A metaphor

Question 10

Which of the words in this phrase is a preposition: "their seat behind the carriage"?

- ☒ behind
- ☐ the
- ☐ carriage
- ☐ their
- ☐ seat