

Verbal Reasoning - HOMEWORK

Underline a word from the first set, followed by a word from the second set, that go together to form a new word.

Example: (water suggest disc) (fall hard ton) (The word is **waterfall**.)

1. (leg ear hair) (jewel sock ring)
2. (wall floor window) (carpet paper room)
3. (net boat fish) (task work chore)
4. (round shape loop) (hole empty gap)

Underline two words, one from each set of brackets, that have the most similar meaning.

Example: (cream treat dessert) (cake pudding delicious)

5. (thoughtful sociable clever) (romantic loyal caring)
6. (beauty admiration elegance) (think respect consider)
7. (treasure request find) (search explore detect)
8. (perfect beautiful amazing) (shiny flawless diamond)

Find the pair of letters that continues each sequence in the best way. Use the alphabet to help you. Write your answer on the line.

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

Example: TU QR NO KL HI (EF)

9. IM NR SW XB CG (HL)
10. QY NW KU HS EQ (BO)
11. PB RD SE UG VH (XJ)
12. GB HB IC JE KH (LL)

Find the missing number to complete each sum. Write your answer on the line.

Example: $7 + 5 = 24 \div (\underline{2})$

13. $24 + 13 = (\underline{37})$
14. $21 - 3 = 6 \times (\underline{3})$
15. $40 \div 4 + 13 = (\underline{23})$
16. $20 + 16 - 29 = (\underline{7})$

Find the number that continues each sequence in the best way.
Write your answer on the line.

Example: 3 6 9 12 15 (18)

1. 11 18 25 32 39 (46)
2. 36 34 31 27 22 (16)
3. 8 3 13 8 18 (13)
4. 46 8 48 16 50 32 (52)

The number codes for three of these four words are listed in a random order.
Work out the code to answer the questions. Write your answer on the line.

HAIR DARE REED HERD

5226 1256 1345

5. Find the code for the word **HERD**. (1256)
6. Find the code for the word **RAID**. (5346)
7. Find the word that has the number code **6235**. (DEAR)

In each sentence below, a four-letter word is hidden at the end of one word and the start of the next. Write the hidden word on the line.

Example: We were flying low below the clouds. (glow)

8. I sent my first email yesterday. (stem)
9. The villa was on a hill. (evil)
10. Lila is older than me. (gold)
11. My desk needs tidying up. (knee)

Underline two words, one from each set of brackets, that have the most opposite meaning.

Example: (eager happy curious) (tired sad unwell)

12. (irritate idolise enemy) (like annoy detest)
13. (encourage valiant brave) (direct deter wait)
14. (bump expand bruise) (contract catch disease)
15. (reward protect accompany) (praise ignore punish)
16. (timid excited worried) (pleasant boring confident)

Term 6 Session 4

Non – Verbal - HOMEWORK

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

6.

C	B	B	C
•		:	:
G	F	H	H

B	C	B	C	C
•				
H	H	F	G	F

a b c d e

7.

J	J	K
P	Q	Q

J	J	K	K	J
P	Q	P	Q	R

a b c d e

8.

F	G	G	H
X	X	Y	Y

F	H	F	G	H
Y	X	X	Y	Y

a b c d e

9.

C

Q

C

R

D

Q

C

Q

D

R

C

R

D

S

D

Q

a

b

c

d

e

10.

M

A

N

C

N

B

M

B

M

A

N

A

M

B

N

C

M

C

a

b

c

d

e

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

11.

a

b

c

d

e

a

b

c

d

e

12.

a

b

c

d

e

a

b

c

d

e

13.

a

b

c

d

e

a

b

c

d

e

14.

a

b

c

d

e

a

b

c

d

e

15.

a

b

c

d

e

a

b

c

d

e

Spatial Reasoning - HOMEWORK

The figures on the left show different views of the same cube. All the cube faces are different. Work out which of the options should replace the blue cube face.

1.




a



b



c



d



e


2.





a



b



c



d



e


3.





a



b



c



d



e


4.





a


b

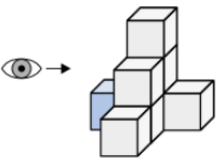

c

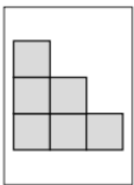

d

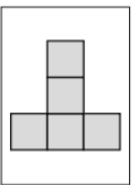

e


Work out which option is a 2D view from the **left** of the 3D figure shown.


5.





a

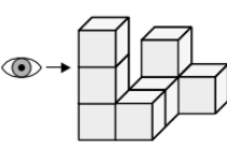

b

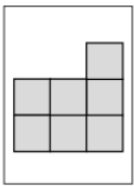

c

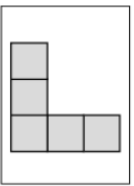

d

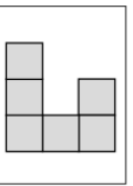

e


6.

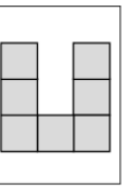



a


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 of the 3D shapes can be made from the net.

10.

a

b

c

d

e

11.

a

b

c

d

e

12.

a

b

c

d

e

13.

a

b

c

d

e

English Spelling - HOMEWORK

1. "This is a huge **honer** **honour** **honur** **honnor**," sobbed Carmen as she accepted
A **B** **C** **D**
2. her award. "Working on this film was a **privilige** **priviledge** **privilage** **privilege**
A **B** **C** **D**
3. and a truly **unforgettable** **unforgetable** **unforgettible** **unforgetible** experience."
A **B** **C** **D**
9. Shaadi looked exasparated as she stood in the centre of the costume shop.
A **B** **C** **D** **N**
10. She'd been invited to a fancy dress party that night but after hours of rumaging
A **B** **C** **D** **N**
11. through copius mounds of costumes, she still couldn't decide who she should
A **B** **C** **D** **N**
12. dress as. She had discussed her predicement with her dad that morning. He
A **B** **C** **D** **N**
13. had suggested everything from cartoon characters to historical figures but nothing
A **B** **C** **D** **N**
14. had seemed particularly appealing. Accepting defeat, Shaadi turned to leave the
A **B** **C** **D** **N**
15. shop. Just then, inspiratian struck. She knew exactly who she could dress as.
A **B** **C** **D** **N**

Punctuation

3. The gravel driveway crunched as gavin drove up in his new automobile.

A	B	C	D	N
---	---	---	---	---
4. He was pleased with his purchase: the salesman had given him a good discount.

A	B	C	D	N
---	---	---	---	---
5. What have you done?" demanded Gavin's wife when he got out of the vehicle.

A	B	C	D	N
---	---	---	---	---
6. "Dont you like it?" he asked. "I had to buy it — I've wanted one for years."

A	B	C	D	N
---	---	---	---	---
7. A smile crept across her face as she replied, "But Gavin, it's an ice cream-van!"

A	B	C	D	N
---	---	---	---	---
8. Gavin could tell she wasn't really angry He smiled warmly and began planning

A	B	C	D	N
---	---	---	---	---
9. his route for tomorrow in his head. He had an awful lot of ice cream to sell.

A	B	C	D	N
---	---	---	---	---

Grammar

4. Bartok **sit** **sitted** **sits** **sat** **sitting** on the edge of the pitch and watched the game.

A	B	C	D	E
---	---	---	---	---
5. "One day, **while** **until** **if** **yet** **but** I work hard," he said, "I'll be able to play

A	B	C	D	E
---	---	---	---	---
6. for the team." He thought about the posters of players **on** **to** **through** **in** **at** his

A	B	C	D	E
---	---	---	---	---
7. bedroom wall and **wondered** **wonder** **wonders** **wonderment** **wondering** who

A	B	C	D	E
---	---	---	---	---
8. they admired. He **smiles** **smiling** **smiled** **smile** **smiley** as he imagined joining

A	B	C	D	E
---	---	---	---	---
9. the team on the pitch to help **him** **them** **me** **us** **her** score the winning goal.

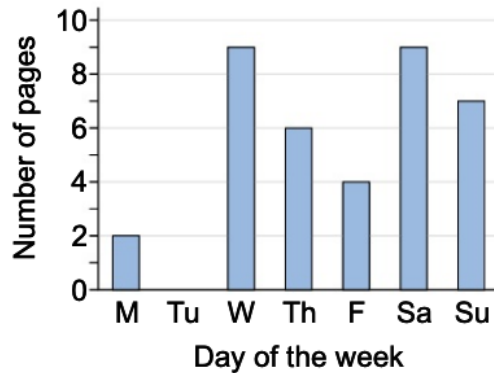
A	B	C	D	E
---	---	---	---	---

Maths – Mixed Problems -HOMEWORK NO TIMER

1. What is 278661 rounded to the nearest thousand?

Answer: 279 000

2. Lisa is reading a book. The number of pages she reads each day in one week is shown in a bar chart.



How many pages of the book does Lisa read on the weekend?

Answer: 16

3. What is the volume of a cube with side length 5 cm? Circle the correct option.

- A 25 cm³
- ☒ B 125 cm³
- C 100 cm³
- D 15 cm³
- E 50 cm³

4. Dr. Kapur has a 5 litre jug of water. She pours half on her plants, then gives 1600 ml to patients. How much water is left? Circle the correct option.

- ☒ A 900 ml
- B 1.3 l
- C 0.8 l
- D 2400 ml
- E 1100 ml

5. Sundeep has six pencils on his desk. The lengths of the pencils are listed below.

6 cm, 13 cm, 14 cm, 9 cm, 6 cm, 7 cm

He picks up the three longest pencils. What is the mean length of these three pencils? Circle the correct option.

- A 14 cm
- B 13 cm
- ☒ C 12 cm
- D 9 cm
- E 10 cm

Term 6 Session 4

6. A swimming pool has a diving board that is 350 cm above the surface of the water. The depth of the pool is 4.6 m. What is the distance, in metres, between the diving board and the bottom of the pool?

Answer: 8.1 m

7. $64 \times 188 = 12\ 032$

What is 64×376 ? Circle the correct option.

- A 12 032
- B 6016
- C 48 128
- ☒ D 24 064
- E 24 016

8. A sequence starts 1, 5, 21, 85, ...
Each term is found by multiplying the previous term by 4 and adding on 1.

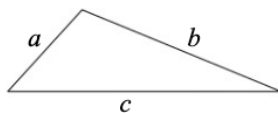
Which of these numbers does not appear in the sequence?
Circle the correct option.

- A 5461
- ☒ B 45 218
- C 87 381
- D 349 525
- E 5 592 405

9. Jane is thinking of a number. She adds 5 and multiplies it by 7. The result is 91.
Which equation correctly describes Jane's process, if the number she started with was x ? Circle the correct option.

- A $x + 5 \times 7 = 91$
- ☒ B $7(x + 5) = 91$
- C $(x + 5) + 7 = 91$
- D $5x + 7 = 91$
- E $7(5x) = 91$

10. A triangle has sides with lengths a , b and c .



Which of the following statements is definitely not true? Circle the correct option.

- A $a + b > c$
- B $c + b = 18$
- ☒ C $b > a + c$
- D $0 < b + a$
- E $a < b < c$

Maths – SESSION

1. Joni finds out that the population of her town is 21 374.
What is the population of Joni's town to the nearest 1000 people?
Circle the correct option.

A 20 000 **C** 21 000 E 21 300
B 21 400 D 22 000

2. Emily's birthday is on a Tuesday this year. Michael's birthday is 16 days before Emily's. What day of the week is Michael's birthday this year?

Answer: Sunday

3. This table shows the average temperature in four cities on one day in February.
Which city is 6 °C colder than Manchester?

City	Temperature (°C)
Manchester	4
St Petersburg	-6
Berlin	1
Beijing	-2

Answer: Beijing

4. Paulie eats $\frac{1}{2}$ of his birthday cake and Harold eats half of the rest.
What fraction of the cake does Harold eat? Circle the correct option.

A $\frac{3}{4}$ B $\frac{1}{3}$ C $\frac{3}{8}$ **D** $\frac{1}{4}$ E $\frac{1}{2}$

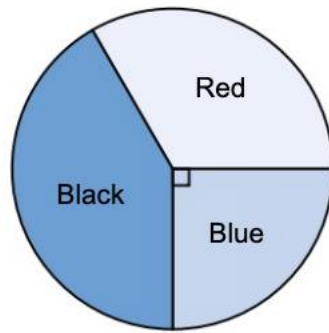
5. Sally is taking part in a marathon. The marathon is 26.2 miles long.
She has run 8.13 miles so far. How much further does Sally have to run?

Answer: 18.07 miles

6. Amanda is choosing a new logo for her campsite.
She wants the logo to have exactly one line of symmetry.
Which design should she choose? Circle the correct option.



7. Agatha counts the number of different coloured pens there are in a box. She uses this information to draw a pie chart.



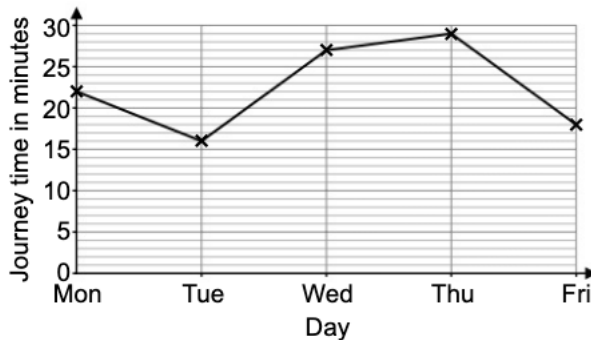
In total, there are 48 pens in the box.
How many of the pens are either black or red? Circle the correct option.

- A 6 B 9 C 12 D 24 **E 36**

8. Winston thinks of a number. He multiplies it by 3, and then subtracts 4. His answer is 11. What number did Winston start with? Circle the correct option.

- A 4 B 2 C 6 D 11 **E 5**

9. Tanya records how many minutes her journey to work takes each day for a week. The results are shown on this line graph.



What is the difference between her longest and shortest journeys, in minutes?

Answer: 13 minutes

10. George uses a jug containing 1.6 litres of water to fill 6 identical glasses. Each glass is filled to the top. After he has filled all of the glasses, there is 100 ml of water left in the jug. What is the capacity of each glass?

Answer: 250 ml

An adapted extract from ‘Knock Three Times!’

The two children gazed in astonishment at the unfamiliar scene in front of them, for here was a place they had never seen before, and yet, apparently, a place within ten minutes’ walk of their home — a place that led out of the little wood at the end of their garden. They were still standing close to the same big old tree, but instead of the wood ending at the edge of Farmer Hart’s cornfields as it always *had* done, it ended abruptly right in front of them, by the side of a white road. The children looked at each other in bewilderment. Then they turned and examined the giant tree behind them. It was certainly the same tree, but it was not the same wood.

“Hush! What’s that?” Molly said. She plucked Jack’s sleeve and drew him into the shadow of the trees. A distant sound of voices came floating through the still evening air. There were evidently two speakers, for, as the sounds drew nearer the children could hear a high, loud jolly voice, flowing continuously, and punctuated every now and then by a low, mumbling voice.

The speakers became visible, wending their way through the wood. One was a young, rosy-cheeked, clean-shaven man; he was the possessor of the high voice. His companion was a striking contrast to him, being old and pale, with a long white beard. They pulled up short when they caught sight of Jack and Molly; then advanced slowly, with sidelong glances at each other and low whispers.

“If you please,” Molly said, very politely, “could you tell us where we are?”

“Could you tell us *who* you are, little lady? — that’s more to the point,” said the young man pleasantly.

“I’m Molly, and this is my brother Jack,” the little girl replied.

“We’ve only just come — through that tree,” volunteered Jack, pointing to the giant tree behind them.

“Through the tree!” exclaimed the old man and the young man together.

“Then you are from the Impossible World,” added the young man.

Marion St John Webb

1. What surprised the children about the “unfamiliar scene” (line 1)?
 - A It was a longer walk to get there than the children had expected.
 - B It had been very easy to find.
 - ☒ C It was close to their home but they’d never seen it before.
 - D It looked new to them but they felt they had been there before.
 - E There weren’t any signs pointing towards it.
2. Where do the woods now end?
 - A Just outside Farmer Hart’s land
 - B In the middle of their garden
 - C Opposite another wood
 - D Next to some fields
 - ☒ E Next to a road

Term 6 Session 4

3. Which of the following is not mentioned in the passage?

- A The colour of the road
- B What the farmer grows in his fields
- ☒ C The size of the children's garden
- D Whether the big tree is young or old
- E The size of the wood near the children's house

4. Which of the following best describes Molly in lines 9-10?

- ☒ A Cautious
- B Considerate
- C Distracted
- D Eager
- E Irritated

5. Which of the following statements is false?

- A The young man was talking a lot before he saw the children.
- B The young man sounded cheerful as he walked through the wood.
- C The old man has pale skin.
- ☒ D The mumbling voice that the children heard belonged to the young man.
- E The old man has a lot of facial hair.

6. The two men "advanced slowly" towards Molly and Jack "with sidelong glances at each other and low whispers" (line 18). This suggests that:

- ☒ A they are unsure what to think about the children.
- B they aren't bothered by the children.
- C they are trying not to attract the children's attention.
- D they are amused by the children.
- E they are happy to meet the children.

7. Which of the following do the children not tell the men?

- A What their names are
- ☒ B Where they live
- C How they arrived in the unfamiliar place
- D How they're related
- E When they arrived in the unfamiliar place

8. Which of the following best describes how the two men react to what Jack says at the end of the passage?

- A With anger
- B With annoyance
- C With terror
- D With sadness
- ☒ E With surprise

9. Which of these words is closest in meaning to “abruptly” (line 6)?

- A Unusually
- ☒ B Unexpectedly
- C Slowly
- D Strangely
- E Clearly

10. The word “punctuated” (line 12) could be most accurately replaced by:

- A criticised.
- B copied.
- C silenced.
- ☒ D interrupted.
- E followed.

11. “voices came floating through the still evening air” (lines 10-11).

Which of these words is a verb as it is used in this sentence?

- A voices
- ☒ B floating
- C through
- D still
- E air

12. Which of the following quotes contains an example of alliteration?

- A “for here was a place they had never seen before”
 - B “The children looked at each other in bewilderment”
 - C “drew him into the shadow of the trees”
 - ☒ D “wending their way through the wood”
 - E “His companion was a striking contrast to him”
-