


Week 4 Resources



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Week 4 - English

Read this passage carefully, then answer the questions that follow.

Salvage in Space

His "planet" was the smallest in the solar system, and the loneliest, Thad Allen was thinking, as he straightened wearily in the huge, bulging, inflated fabric of his Osprey space armour. Walking awkwardly in the magnetic boots that held him to the black mass of meteoric iron, he mounted a projection and stood motionless, staring moodily
5 away through the vision panels of his bulky helmet into the dark mystery of the void.

His welding arc dangled at his belt, the electrode still glowing red. He had just finished securing to this slowly-accumulated mass of iron his most recent find, a meteorite the size of his head.

10 Five perilous weeks he had laboured, to collect this rugged lump of metal—a jagged mass, some ten feet in diameter, composed of hundreds of fragments, that he had captured and welded together. His luck had not been good. His findings had been heart-breakingly small; the spectro-flash analysis had revealed that the content of the precious metals was disappointingly minute.

15 On the other side of this tiny sphere of hard-won treasure, his Millen atomic rocket was sputtering, spurts of hot blue flame jetting from its exhaust. A simple mechanism, bolted to the first sizable fragment he had captured, it drove the iron ball through space like a ship.

20 Through the magnetic soles of his insulated boots, Thad could feel the vibration of the iron mass, beneath the rocket's regular thrust. The magazine of uranite fuel capsules was nearly empty, now, he reflected. He would soon have to turn back toward Mars.

Please answer these questions. (Look at the passage again if you need to.)
You should choose the best answer and mark its letter on your answer sheet.

1

'His "planet" was the smallest in the solar system...' (line 1)

Why is the word planet in quotation marks?

- A. to emphasise the smallness of the planet
- B. because Thad was talking to himself
- C. because it wasn't really a planet
- D. because that was the name of the planet
- E. to emphasise that Thad owned the planet

2

In what way had Thad been unlucky?

- A. he had to return to Mars
- B. the mass of metal was jagged
- C. a meteorite hit his head
- D. he was lonely in space
- E. he had not found enough metal

3

Which TWO of the following best describe how Thad is feeling?

- 1. fortunate
- 2. awkward
- 3. despondent
- 4. alone
- 5. pleased

- A. 1 and 3
- B. 1 and 4
- C. 2 and 5
- D. 3 and 4
- E. 3 and 5

4

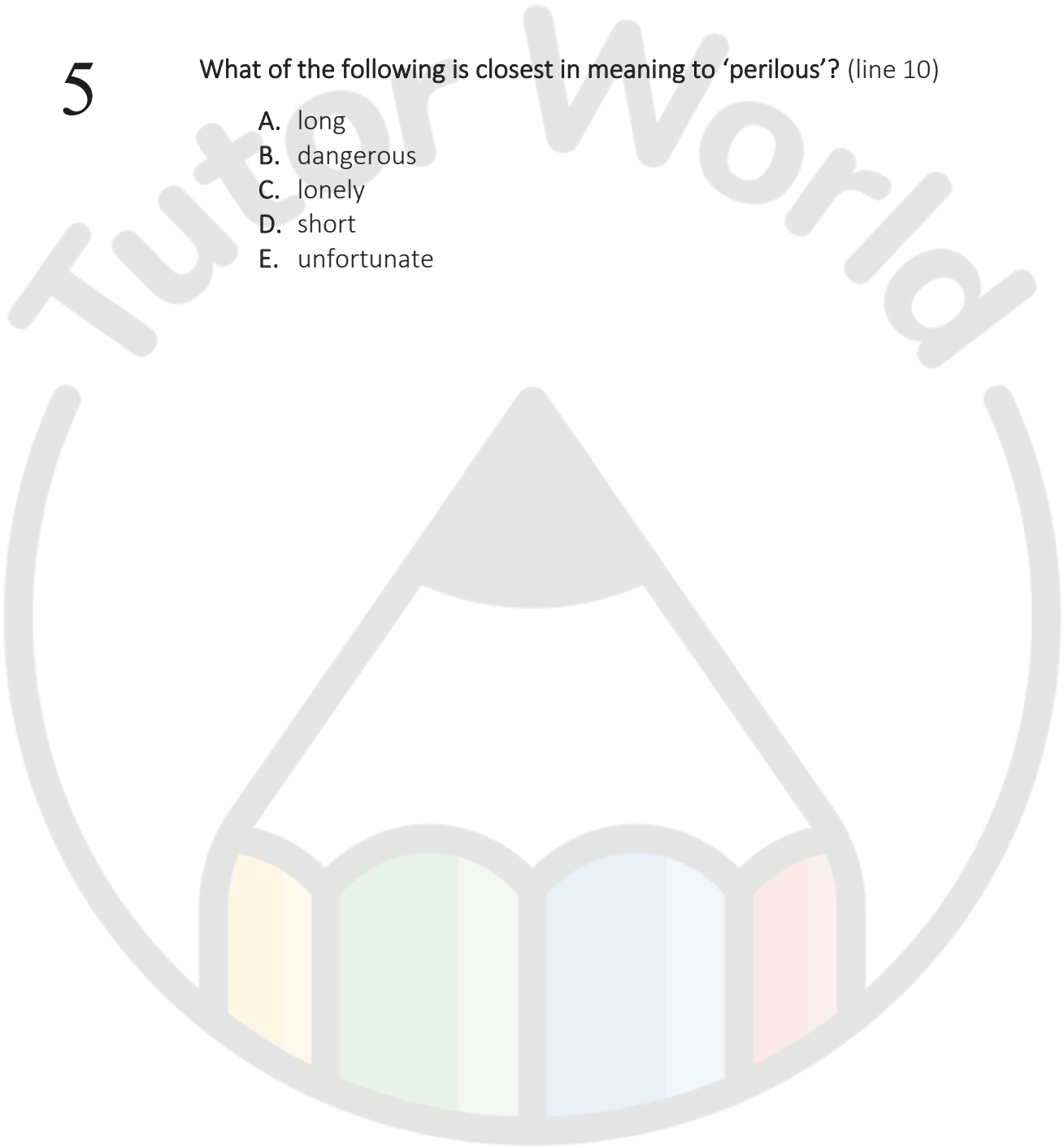
Which of the following is closest in meaning to 'void'? (line 6)

- A. emptiness
- B. ignore
- C. avoid
- D. stars
- E. spaceship

5

What of the following is closest in meaning to 'perilous'? (line 10)

- A. long
- B. dangerous
- C. lonely
- D. short
- E. unfortunate



In this exercise there are some **punctuation** mistakes. On each numbered line there is either **one** mistake or **no** mistake. Find the group of words with the mistake in it and mark its letter on your answer sheet. **If there is no mistake, mark N.**

Punctuation Exercises

6

The pies filling was a mixture of apple and blackcurrant – it was simply divine!

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

7

No one knows exactly how it happened? But it was definitely not all Sarah's fault.

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

8

Although Beatrix was seventy-three years old, she still loved to dance every evening.

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

9

"Both of you are grounded for the weekend!" Shouted Mum at the red-faced boys.

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

10

Paddy thought about the ingredients he needed; flour, sugar, eggs, milk and butter.

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

WEEK 4 - ENGLISH

Pupil's Name	DATE OF TEST		
School Name	Day	Month	Year

Please mark boxes with a thin horizontal line like this

Salvage in Space

1	A <input type="checkbox"/>
	B <input type="checkbox"/>
	C <input type="checkbox"/>
	D <input type="checkbox"/>
	E <input type="checkbox"/>

2	A <input type="checkbox"/>
	B <input type="checkbox"/>
	C <input type="checkbox"/>
	D <input type="checkbox"/>
	E <input type="checkbox"/>

3	A <input type="checkbox"/>
	B <input type="checkbox"/>
	C <input type="checkbox"/>
	D <input type="checkbox"/>
	E <input type="checkbox"/>

4	A <input type="checkbox"/>
	B <input type="checkbox"/>
	C <input type="checkbox"/>
	D <input type="checkbox"/>
	E <input type="checkbox"/>

5	A <input type="checkbox"/>
	B <input type="checkbox"/>
	C <input type="checkbox"/>
	D <input type="checkbox"/>
	E <input type="checkbox"/>

Punctuation Exercises

6	A <input type="checkbox"/>
	B <input type="checkbox"/>
	C <input type="checkbox"/>
	D <input type="checkbox"/>
	N <input type="checkbox"/>

7	A <input type="checkbox"/>
	B <input type="checkbox"/>
	C <input type="checkbox"/>
	D <input type="checkbox"/>
	N <input type="checkbox"/>


8	A <input type="checkbox"/>
	B <input type="checkbox"/>
	C <input type="checkbox"/>
	D <input type="checkbox"/>
	N <input type="checkbox"/>


9	A <input type="checkbox"/>
	B <input type="checkbox"/>
	C <input type="checkbox"/>
	D <input type="checkbox"/>
	N <input type="checkbox"/>

10	A <input type="checkbox"/>
	B <input type="checkbox"/>
	C <input type="checkbox"/>
	D <input type="checkbox"/>
	N <input type="checkbox"/>



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Week 4 - Maths

1

Gary has 1465 leaflets to deliver.

On Saturday he delivers 608, and on Sunday he delivers 479.

How many leaflets does Gary still have left to deliver after Sunday?

A. 857 B. 378 C. 322 D. 422 E. 1057

2

X is a whole number.

3 is a factor of X, and 60 is a multiple of X.

Which of the following numbers could be X?

A. 36 B. 24 C. 9 D. 180 E. 12

3

Mohammed records the number of football matches attended by the children in his class in the table below.

Number of matches	0	1	2	3	4 or more
Number of children	17	6	4	3	1

What is the modal number of football matches attended?

A. 17 B. 6 C. 1 D. 4 E. 0

4

I think of a number.

I add 18 to the number and divide by 3.

Then, I square root the answer.

The result is 4.

What number did I start with?

A. 16 B. 2 C. 48 D. 30 E. 66

5

$\frac{4}{7}$ of 1176 =

A. 672 B. 168 C. 470 D. 294 E. 2058

6

51.4392 → 51.44

The number above was rounded to the nearest...

A. unit B. hundred C. thousandth D. ten E. hundredth

7

A banana costs B pence.

A kiwi costs K pence.

Jeremy buys 3 bananas and 4 kiwis.

He pays with a £5 note.

Which of the following expressions represents the change Jeremy receives in pence?

A. $5 - 7BK$

B. $500 - 3B - 4K$

C. $7(B + K) - 5$

D. $500 + 7BK$

E. $5 - 12(B+K)$

8

The ratio of rabbits to hamsters in a pet shop is 3:4.

There are 24 hamsters in the shop.

How many more hamsters are there than rabbits?

A. 18 B. 7 C. 6 D. 42 E. 12

9

An empty bucket is placed underneath a tap.

The bucket fills with water at a rate of 40ml every second.

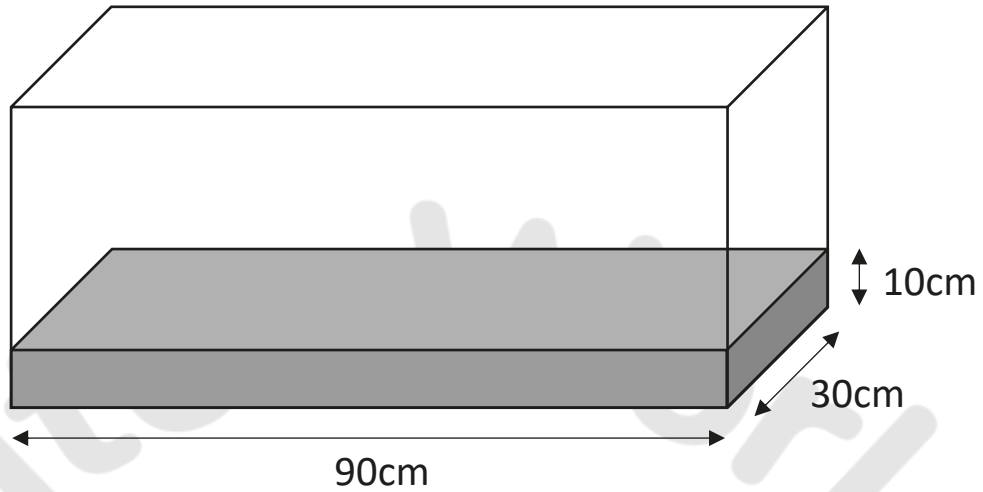
How many litres of water are in the bucket after 3 minutes?

A. 1.2L B. 2.4L C. 7.2L D. 24L E. 0.72L

10

Ozzie has a box.

He fills the box with sand up to a height of 10cm, as shown.



The box is only 20% full.

What is the volume of the full box?

- A.** 27cm^3 **B.** 27000cm^3 **C.** 135000cm^3 **D.** 1300cm^3 **E.** 930cm^3

WEEK 4 – MATHS

Pupil's Name
School Name

DATE OF TEST		
Day	Month	Year

Please mark boxes with a thin horizontal line like this

1		
857	<input type="checkbox"/>	
378	<input type="checkbox"/>	
322	<input type="checkbox"/>	
422	<input type="checkbox"/>	
1057	<input type="checkbox"/>	

2		
36	<input type="checkbox"/>	
24	<input type="checkbox"/>	
9	<input type="checkbox"/>	
180	<input type="checkbox"/>	
12	<input type="checkbox"/>	

3		
17	<input type="checkbox"/>	
6	<input type="checkbox"/>	
1	<input type="checkbox"/>	
4	<input type="checkbox"/>	
0	<input type="checkbox"/>	

4		
16	<input type="checkbox"/>	
2	<input type="checkbox"/>	
48	<input type="checkbox"/>	
30	<input type="checkbox"/>	
66	<input type="checkbox"/>	

5		
672	<input type="checkbox"/>	
168	<input type="checkbox"/>	
470	<input type="checkbox"/>	
294	<input type="checkbox"/>	
2058	<input type="checkbox"/>	

6		
A	<input type="checkbox"/>	
B	<input type="checkbox"/>	
C	<input type="checkbox"/>	
D	<input type="checkbox"/>	
E	<input type="checkbox"/>	

7		
A	<input type="checkbox"/>	
B	<input type="checkbox"/>	
C	<input type="checkbox"/>	
D	<input type="checkbox"/>	
E	<input type="checkbox"/>	

8		
18	<input type="checkbox"/>	
7	<input type="checkbox"/>	
6	<input type="checkbox"/>	
42	<input type="checkbox"/>	
12	<input type="checkbox"/>	

9		
1.2L	<input type="checkbox"/>	
2.4L	<input type="checkbox"/>	
7.2L	<input type="checkbox"/>	
24L	<input type="checkbox"/>	
0.72L	<input type="checkbox"/>	

10		
A	<input type="checkbox"/>	
B	<input type="checkbox"/>	
C	<input type="checkbox"/>	
D	<input type="checkbox"/>	
E	<input type="checkbox"/>	



Week 4 – Verbal Reasoning

In these questions, find the **two** words, **one** from each group, that will complete the sentence in the best way.

1 **flowers** is to (stem vase box) as **cereal** is to (spoon milk bowl)

- | | |
|--------|---------|
| A stem | X spoon |
| B vase | Y milk |
| C box | Z bowl |

2 **wait** is to (stop bad red) as **proceed** is to (stay go recede)

- | | |
|--------|----------|
| A stop | X stay |
| B bad | Y go |
| C red | Z recede |

3 **calendar** is to (wall year date) as **clock** is to (tick time hand)

- | | |
|--------|--------|
| A wall | X tick |
| B year | Y time |
| C date | Z hand |

4 **flock** is to (fly horse bird) as **school** is to (fish learn teacher)

- | | |
|---------|-----------|
| A fly | X fish |
| B horse | Y learn |
| C bird | Z teacher |

5 **road** is to (car drive tarmac) as **house** is to (live family bricks)

- | | |
|----------|----------|
| A car | X live |
| B drive | Y family |
| C tarmac | Z bricks |

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

The alphabet is here to help you with this question.
You need to work out a **different** code for **each** question.
Mark your answers on the answer sheet.

6

If the code for **BEAK** is **CFBL**, what does **QPPM** mean?

- A POOL B PEEL C SOON D SEEK E TOOL

7

If the code for **SOUP** is **PLRM**, what is the code for **NAIL**?

- A KXFI B QDLO C QEKP D LXFJ E JXFI

8

If the code for **MOUSE** is **RTZXJ**, what does **BMJFY** mean?

- A WHALE B GRATE C GROWN D VOTED E WHEAT

9

If the code for **DARK** is **FCTM**, what is the code for **RICH**?

- A TKAF B TKEJ C PGAF D PHAJ E TJAD

10

If the code for **STORMY** is **PQLOJV**, what does **CFDEQP** mean?

- A FICKLE B FINDER C ZEBRA D FIGHTS E ZOOMED

WEEK 4 – VERBAL REASONING

Pupil's Name	DATE OF TEST		
School Name	Day	Month	Year

Please mark boxes with a thin horizontal line like this

Analogies

1	A <input type="checkbox"/>	X <input type="checkbox"/>
	B <input type="checkbox"/>	Y <input type="checkbox"/>
	C <input type="checkbox"/>	Z <input type="checkbox"/>

2	A <input type="checkbox"/>	X <input type="checkbox"/>
	B <input type="checkbox"/>	Y <input type="checkbox"/>
	C <input type="checkbox"/>	Z <input type="checkbox"/>

3	A <input type="checkbox"/>	X <input type="checkbox"/>
	B <input type="checkbox"/>	Y <input type="checkbox"/>
	C <input type="checkbox"/>	Z <input type="checkbox"/>

4	A <input type="checkbox"/>	X <input type="checkbox"/>
	B <input type="checkbox"/>	Y <input type="checkbox"/>
	C <input type="checkbox"/>	Z <input type="checkbox"/>

5	A <input type="checkbox"/>	X <input type="checkbox"/>
	B <input type="checkbox"/>	Y <input type="checkbox"/>
	C <input type="checkbox"/>	Z <input type="checkbox"/>

Coding Words

6	A <input type="checkbox"/>
	B <input type="checkbox"/>
	C <input type="checkbox"/>
	D <input type="checkbox"/>
	E <input type="checkbox"/>

7	A <input type="checkbox"/>
	B <input type="checkbox"/>
	C <input type="checkbox"/>
	D <input type="checkbox"/>
	E <input type="checkbox"/>

8	A <input type="checkbox"/>
	B <input type="checkbox"/>
	C <input type="checkbox"/>
	D <input type="checkbox"/>
	E <input type="checkbox"/>

9	A <input type="checkbox"/>
	B <input type="checkbox"/>
	C <input type="checkbox"/>
	D <input type="checkbox"/>
	E <input type="checkbox"/>

10	A <input type="checkbox"/>
	B <input type="checkbox"/>
	C <input type="checkbox"/>
	D <input type="checkbox"/>
	E <input type="checkbox"/>

Answer Key

Week 4 Answers

English

- 1 C
- 2 E
- 3 D
- 4 A
- 5 B
- 6 A
- 7 B
- 8 N
- 9 C
- 10 C

Verbal

- 1 BZ
- 2 AY
- 3 CY
- 4 CX
- 5 CZ
- 6 A
- 7 A
- 8 E
- 9 B
- 10 D

Maths

- 1 B
- 2 E
- 3 E
- 4 D
- 5 A
- 6 E
- 7 B
- 8 C
- 9 C
- 10 C