Kent Test-style Practice Paper 3

English and maths · Reasoning · Writing

Name _____ **Date** _____

Instructions

- Do not open this booklet until you are told to.
- Mark every answer on the separate answer sheet. Rough working can go in this booklet.
- Each section has its own time limit. Stop when you are told to, even if you have not finished.
- Each type of question starts with a worked example, except the questions about the reading passage. Read it carefully.
- Work as quickly and carefully as you can. If a question is too hard, mark your best guess and move on. Come back to it if you have time.
- Paper 3 is a writing task. You will have 10 minutes to plan and 30 minutes to write.

What is in this paper

Section	Questions	Time
Paper 1 · English	1 to 25	25 minutes
Paper 1 · Maths	26 to 50	25 minutes
Paper 2 · Verbal Reasoning	51 to 74	20 minutes
Paper 2 · Non-verbal Reasoning: Patterns	75 to 82	5 minutes
Paper 2 · Non-verbal Reasoning: Analogies and Odd One Out	83 to 90	5 minutes
Paper 2 · Spatial Reasoning: Cube Nets	91 to 98	5 minutes
Paper 2 · Spatial Reasoning: Folding, Turning and Flipping	99 to 106	5 minutes
Paper 3 · Writing task	1 task	40 minutes

Do not turn over until you are told to do so

SAMPLE

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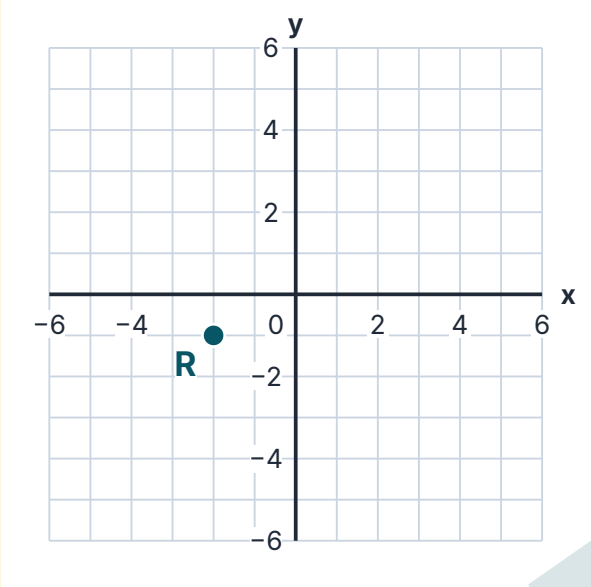
Section 2: Maths

25 minutes | Questions 26 to 50

Work out the answer to each question. Use the space on the page for your working.

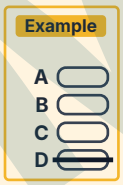
WORKED EXAMPLE

What are the coordinates of point R?



A (2, 1) **B** (−1, −2) **C** (2, −1) **D** (−2, −1)

On your answer sheet, mark it like this:



The answer is D. Go across first: point R is at −2 on the x-axis. Then up or down: it is at −1 on the y-axis. So the coordinates are (−2, −1).

26 Noah writes down the first 4 terms of a number sequence. What is the next term?

Position	Value
Term 1	2
Term 2	11
Term 3	20
Term 4	29

A 38 **B** 47 **C** 29 **D** 20

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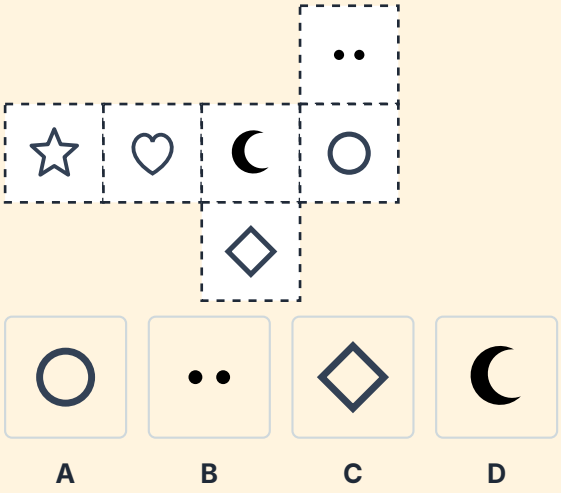
Section 6: Spatial Reasoning: Cube Nets

5 minutes | Questions 91 to 98

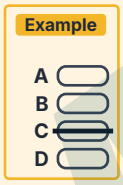
Picture each net folding up along its lines, one face at a time.

WORKED EXAMPLE 1 OF 2

This net is folded to make a cube with the two dots on top. Which face is on the bottom?



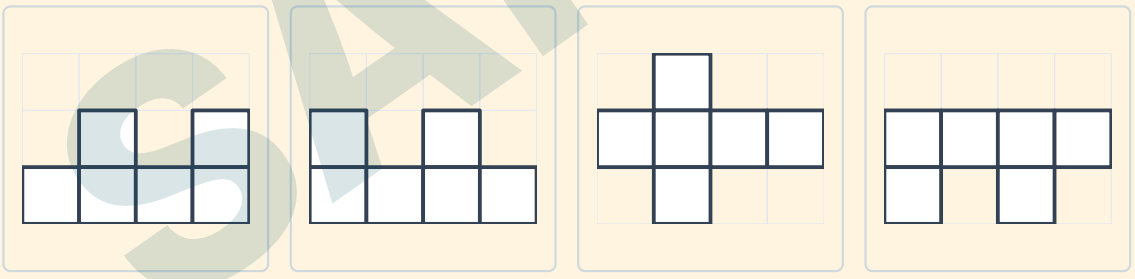
On your answer sheet, mark it like this:



The answer is C. The two dots and the diamond fold from opposite sides of the row of four, so they are opposite. So when the two dots are on top, the diamond is on the bottom.

WORKED EXAMPLE 2 OF 2

Which of these will fold to make a cube?



The answer is C. Mark it like this: C. A cube has six faces. Each square of the net must fold onto a different face. The answer has a line of four squares, with one more square on each side of the line. The line of four wraps round to make four faces. The other two squares close the two open ends. In each of the other nets, both spare squares are on the same side of the line of four. They land on the same face. Some nets that fold have no line of four. To test any net, pick one square as the bottom and fold the others up round it.

SAMPLE

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Worked solutions · Section 1: English

Free videos for every skill in this section: smartcublearning.com/go/48185 (find the skill named under each answer).

Reading comprehension: The Fossil Hunter of Lyme Regis

1 **Answer: B** **The rocks hold a record of life long ago**

In line 4, the writer compares the cliffs to a book. What does this suggest?

A book keeps a story, page by page. The writer says each layer of rock "holds a page from the distant past". So the rocks keep a record of creatures from long ago.

Watch out: A is tempting because books have words, but the cliffs hold fossils, not writing.

Skill: Identify figurative language

2 **Answer: D** **A carpenter**

According to the second paragraph, what was Mary's father's job?

Look at the start of the second paragraph. It says Richard "was a carpenter". He only hunted fossils in his spare time.

Watch out: B is tempting because the passage is about science, but Richard was a carpenter, not a scientist.

Skill: Retrieve an explicit detail

3 **Answer: A** **There was very little money to spare**

What does the phrase "money became very tight" mean in line 15?

We often say clothes are "tight" when they are too small. Here it is about money, not clothes. After her father died, the family had very little money. Fossils now helped them pay "for food and rent".

Watch out: C is tempting because "tight" can describe clothes, but here it is about money.

Skill: Interpret a word in context

4 **Answer: C** **It puzzled people because it was so unusual**

What does the third paragraph suggest about the skull that Joseph found?

Read the end of the third paragraph. "Nobody in the town had ever seen anything like it." Some people even guessed it was a crocodile. So the skull was strange and hard to work out.

Watch out: A is tempting because a crocodile is mentioned, but scientists decided it was not one.

Skill: Infer implicit meaning

5 **Answer: B** **Likely to move or fall**

What does the word "unstable" mean in line 30?

Read the rest of the sentence. It says "sudden falls of rock and mud were common". So the cliffs were likely to move or fall down.

Watch out: C is tempting because mud is mentioned, but "unstable" means not steady, not muddy.

Skill: Interpret a word in context

6 **Answer: A** **She was brave and determined**

What does the fourth paragraph suggest about Mary?

Mary went out "in all weathers" and watched the tides closely. She "knew the risks, but she kept going". This shows she was brave and did not give up.

Watch out: B is tempting because the work was dangerous, but Mary knew the risks and watched the tides.

Skill: Infer a character state

7 **Answer: D** **Its long, thin neck**

According to the fifth paragraph, what was the most surprising part of the plesiosaur?

Look at the fifth paragraph. It lists the head, body and flippers first. Then it says "Most surprising of all was its long, thin neck".

Watch out: A is tempting because the head is mentioned first, but it is not called the most surprising part.

Skill: Retrieve an explicit detail

SAMPLE