Kent Test-style Practice Paper 5

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

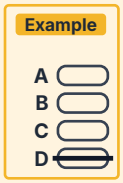
Work out the answer to each question. Use the space on the page for your working.

WORKED EXAMPLE

How many millimetres are in 13/20 of a metre?

A 1000 **B** 50 **C** 13000 **D** 650

On your answer sheet, mark it like this:



The answer is D. There are 1000 millimetres in 1 metre. 1000 ÷ 20 = 50, so 1/20 of a metre is 50 millimetres. 50 × 13 = 650 millimetres.

26 What is 7/8 of 144?

A 1008 **B** 137 **C** 18 **D** 126

27 How many millilitres are in 9/20 of a litre?

A 4500 **B** 1000 **C** 50 **D** 450

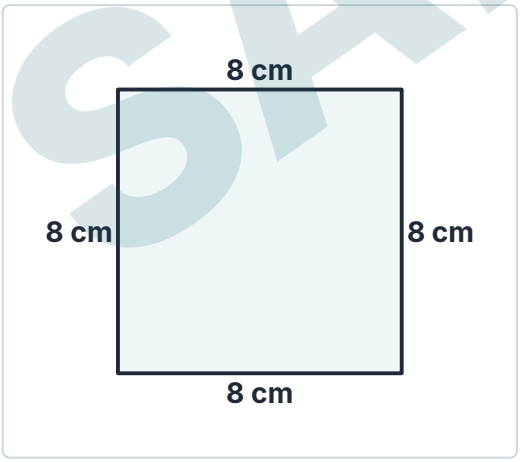
28 A box holds 16 cubes. 1/4 of them are green. Half of the cubes that are left are red. How many cubes are red?

A 16 **B** 6 **C** 8 **D** 4

29 A recipe uses 5 lemons for every 2 cherries. How many cherries are needed for 20 lemons?

A 17 **B** 6 **C** 20 **D** 8

30 What is the area of this shape?



A 32 cm² **B** 72 cm² **C** 16 cm² **D** 64 cm²

SAMPLE

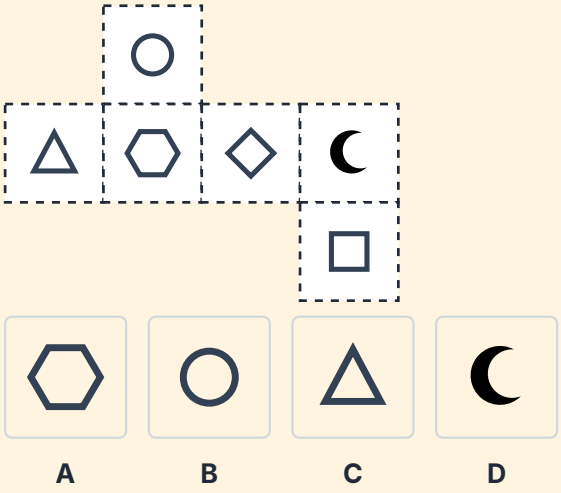
Section 6: Spatial Reasoning: Cube Nets

5 minutes · Questions 91 to 98

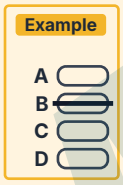
Picture each net folding up along its lines, one face at a time.

WORKED EXAMPLE 1 OF 2

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



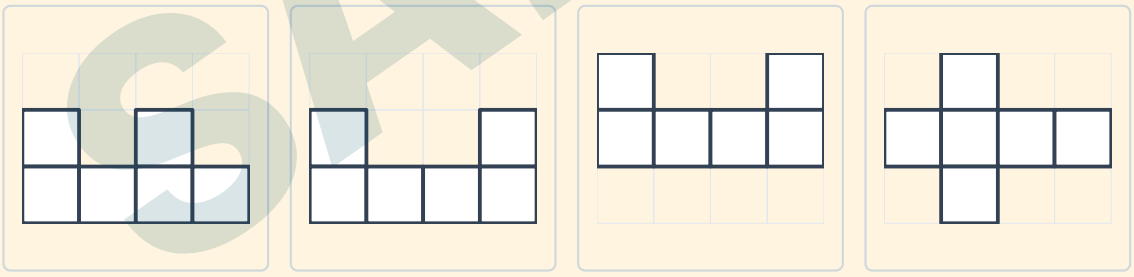
On your answer sheet, mark it like this:



The answer is B. The triangle, hexagon, diamond and crescent make a row of four. They fold round to make the four sides. The circle is above the row and the square is below it, so they become the top and the bottom. With the square on top, the circle is on the bottom.

WORKED EXAMPLE 2 OF 2

Which of these will fold to make a cube?



The answer is D. Mark it like this: D. 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

Worked solutions · Section 1: English

Free videos for every skill in this section: smartcublearning.com/go/40164 (find the skill named under each answer).

Reading comprehension: The Book That Swapped Places

1 **Answer: C** **to open a small exhibition**

Why was the mayor coming to Fernley Library?

Look at the first paragraph. It says the mayor "was coming to open a small exhibition". So the mayor was there to open it.

Watch out: A is tempting because the book is in the exhibition, but it is too precious to be borrowed.

Skill: Retrieve an explicit detail

2 **Answer: A** **confused and puzzled**

What does the word "bewildered" mean in line 10?

Look at what Mr Adebayo says next. He says the book has gone, then "Well, not gone exactly". He cannot work out what has happened. So "bewildered" means confused and puzzled.

Watch out: B is tempting because he is upset, but nothing shows he is angry.

Skill: Interpret a word in context

3 **Answer: D** **bright pictures of birds**

What did Zainab see on the open pages of the book in the cabinet?

Find the sentence that starts "Instead of". It says "there were bright pictures of birds". That is how Zainab knew it was the wrong book.

Watch out: A is tempting because it is in the same sentence, but "Instead of" shows it was not there.

Skill: Retrieve an explicit detail

4 **Answer: B** **He jumps quickly to an exciting idea.**

Read line 18. What does Theo's reaction show about him?

Theo says "It's been stolen!" straight away. He has not looked for any clues yet. So he jumps quickly to an exciting idea.

Watch out: A is tempting, but it is Zainab who checks the clues, not Theo.

Skill: Infer a character state

5 **Answer: A** **She doubts that a thief took the book.**

Read line 20. Why does Zainab say that the cabinet is locked and nothing else is missing?

Zainab starts with "But", so she is answering Theo. A thief would struggle to get into a locked cabinet. A thief would probably take other things too. So she doubts that the book was stolen.

Watch out: B is tempting, but Zainab never asks for the cabinet to be opened.

Skill: Infer implicit meaning

6 **Answer: C** **She polished the glass and put books away.**

According to Mr Adebayo, what did Mrs Pell do at the library that morning?

Look at what Mr Adebayo says about Mrs Pell. She unlocked the cabinet "to polish the glass". Then she "put away the returned books".

Watch out: B is tempting, but Zainab and Theo were the ones with the leaflets.

Skill: Retrieve an explicit detail

7 **Answer: B** **the edge of a book that shows on a shelf**

What does the word "spine" mean in line 27?

The word is used about the bird book. Later, Zainab runs her finger along "labelled spines" on a shelf. So a spine is the edge you see on a shelf.

Watch out: A is tempting because that is the usual meaning, but here it is part of a book.

Skill: Interpret a word in context

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