G5-MATH-1 · ages 10–11 · 37 marks

Grade 5 maths check

Name: _____ Class: _____ Date: _____

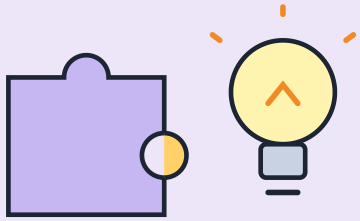
Three short tests, 10 questions each. Read the “Remember” box before each test. Write your answers in the boxes, or on the picture when the question says so. Show your working where there is space: it can earn marks.



Calculation practice



Read the picture



Think it through

Test	Marks
Test A: Calculation practice	____ / 12
Test B: Read the picture	____ / 12
Test C: Think it through	____ / 13
Total	**____ / 37**

10 questions · 12 marks

Test A: Calculation practice

Ten sums to practise the written methods from school. There are no pictures here: just you, a pencil and the numbers.



Remember

- Line up the digits by place value: ones under ones, tens under tens. With decimals, line up the decimal points.
- Times (×) and divide (÷) are done before plus (+) and minus (−).
- Fractions with the same bottom number: add the top numbers and keep the bottom number the same.
- Rounding to the nearest hundred: look at the tens digit. 5 or more rounds up, 4 or less rounds down.
- Show your working in the box. Some questions give a mark for good working even if the answer slips.

A1 1 mark — Marks: ____ / 1

47 × 6 =

Answer

A2 1 mark — Marks: ____ / 1

1,284 + 3,957 =

Answer

A3 1 mark — Marks: ____ / 1

6,000 − 2,358 =

Answer

A4 2 marks

Marks: ____ / 2

$864 \div 4 =$

Working

Answer

A5 2 marks

Marks: ____ / 2

$36 \times 25 =$

Working

Answer

A6 1 mark

Marks: ____ / 1

$7 + 3 \times 8 =$

Answer

A7 1 mark

Marks: ____ / 1

$4.6 + 2.75 =$

Answer

A8 1 mark

Marks: ____ / 1

$\frac{3}{8} + \frac{4}{8} =$

Answer

A9 1 mark

Marks: ____ / 1

Round 4,762 to the nearest hundred.

Answer

A10 1 mark

Marks: ____ / 1

What is ¼ of 120?

Answer

Test A total: ____ / 12

10 questions · 12 marks

Test B: Read the picture

Every question has a picture: a chart, a shape, a clock or a grid. Look carefully before you answer. Some answers are drawn right on the picture.



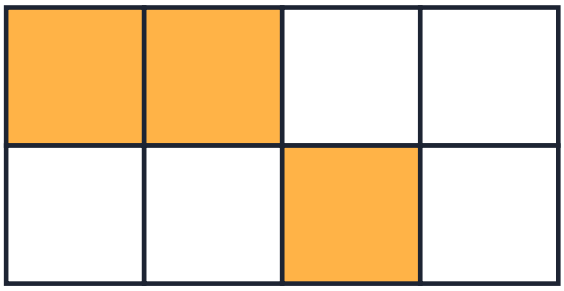
Remember

- Charts: read the scale first. Here each line is worth 1, and the numbers go up in 2s.
- Area is the space inside (count squares, or length × width). Perimeter is the distance all the way round.
- Number lines: count the gaps between 0 and 1 to find what each step is worth.
- Clocks: the short hand shows the hour, the long hand the minutes.
- Angles: acute is smaller than a square corner, a right angle is a square corner, obtuse is bigger than a square corner.
- A line of symmetry folds a shape into two halves that match exactly.
- Coordinates: go across first, then up. (3, 1) means 3 across, 1 up.

B1 **1 mark**

Marks: ____ / 1

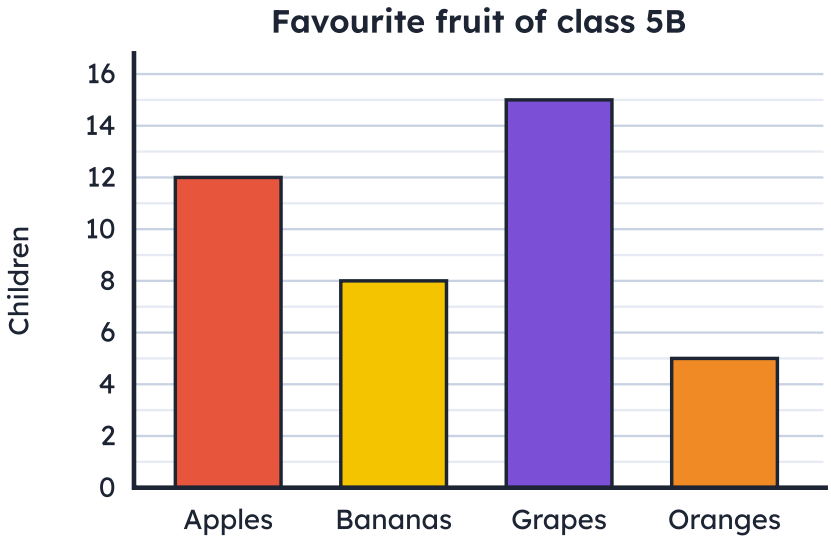
What fraction of the rectangle is shaded?



Answer

B2 **1 mark** Marks: ____ / 1

How many more children chose grapes than bananas?



Answer

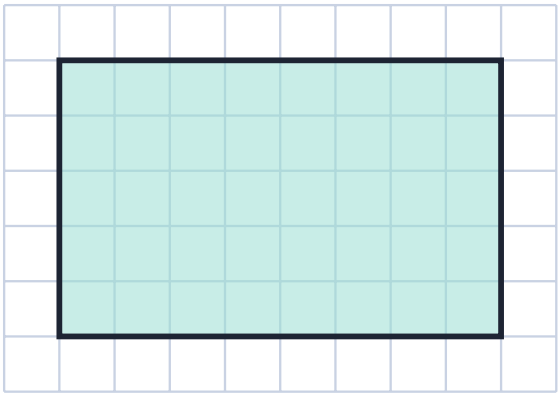
B3 **1 mark** Marks: ____ / 1

Use the chart in B2. How many children are in class 5B altogether?

Answer

B4 **1 mark** Marks: ____ / 1

What is the area of the shaded rectangle?

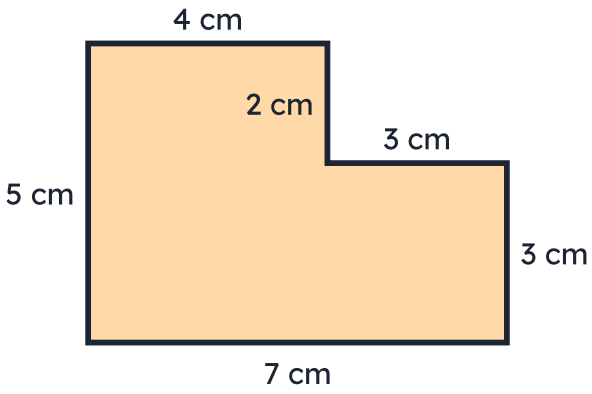


1 small square = 1 cm × 1 cm

Answer

B5 **1 mark** Marks: ____ / 1

What is the perimeter of the L-shape?



Answer

B6 1 mark

Marks: ____ / 1

What number is the arrow pointing to?



Answer

B7 1 mark

Marks: ____ / 1

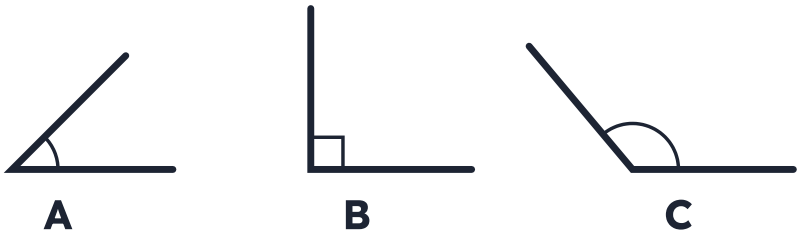
What time will this clock show 25 minutes later?



Answer

B8 **1 mark** Marks: ____ / 1

Which angle is obtuse? Write its letter.



Answer

B9 **2 marks** Marks: ____ / 2

Draw ALL the lines of symmetry on this rectangle. Use a ruler.

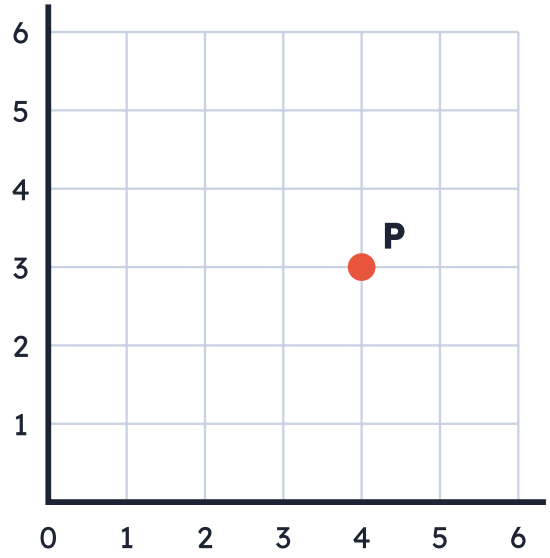


Answer on the picture.

B10 **2 marks** Marks: ____ / 2

a) Write the coordinates of point P.

b) Mark point Q at (2, 5) with a cross and label it Q.



a) P =

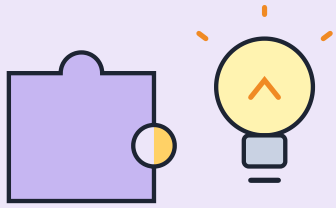
b) Mark Q on the picture.

Test B total: ____ / 12

10 questions · 13 marks

Test C: Think it through

Logic puzzles with pictures. There is no long sum to do: find the rule, follow the clues, and check that your answer fits every clue.



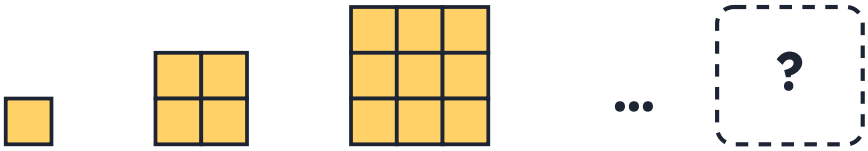
Remember

- Read the whole question, then look at the picture. What changes from one step to the next?
- Follow the clues one at a time. Write or draw on the picture if it helps.
- When a question says “explain”, write a short reason: one sentence is enough.
- Check your answer against every clue before you move on.

C1 **1 mark**

Marks: ____ / 1

The pattern grows like this. How many small squares will picture 5 have?

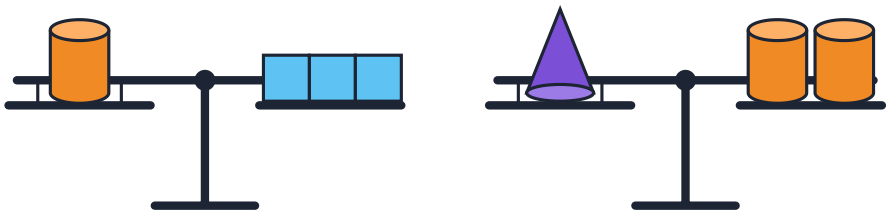


Picture 1 Picture 2 Picture 3 ... Picture 5

Answer

C2 **1 mark** Marks: ____ / 1

Both scales balance. How many cubes would balance one cone?

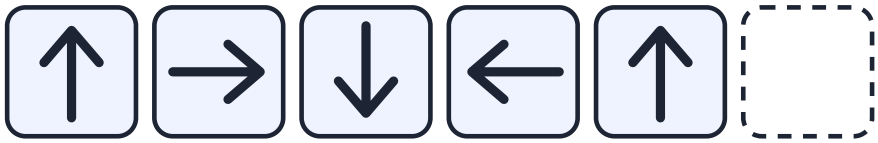


Scale 1 Scale 2

Answer

C3 **1 mark** Marks: ____ / 1

Draw the arrow that comes next in the empty box.



Answer on the picture.

C4 **2 marks** Marks: ____ / 2

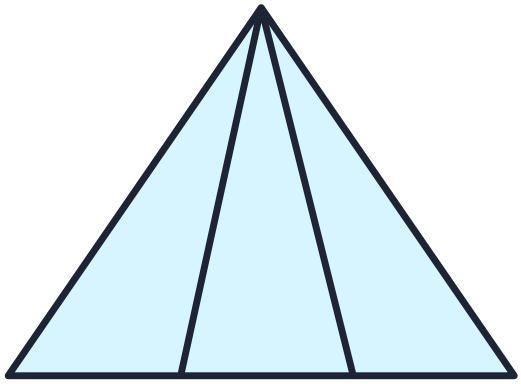
In a magic square every row, every column and both diagonals add up to 15. Fill in the empty boxes.

2		6
	5	
4		8

Answer on the picture.

C5 **1 mark** Marks: ____ / 1

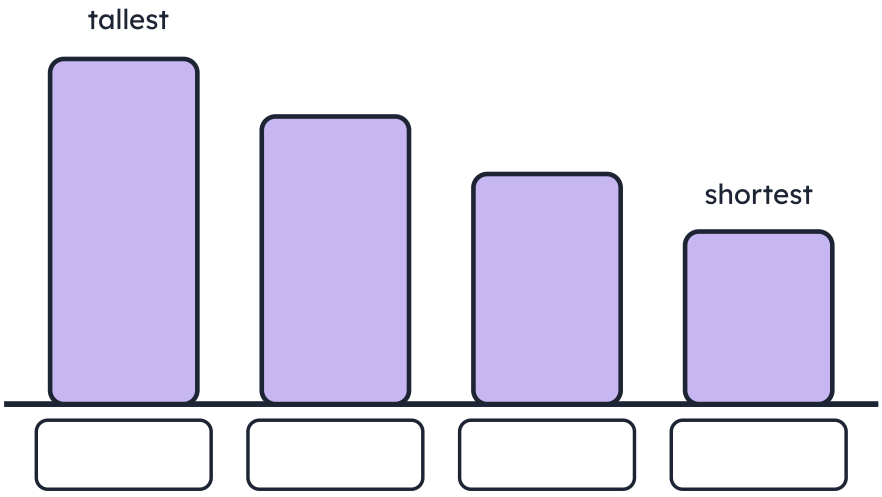
How many triangles can you find in this picture? Count big ones too.



Answer

C6 **1 mark** Marks: ____ / 1

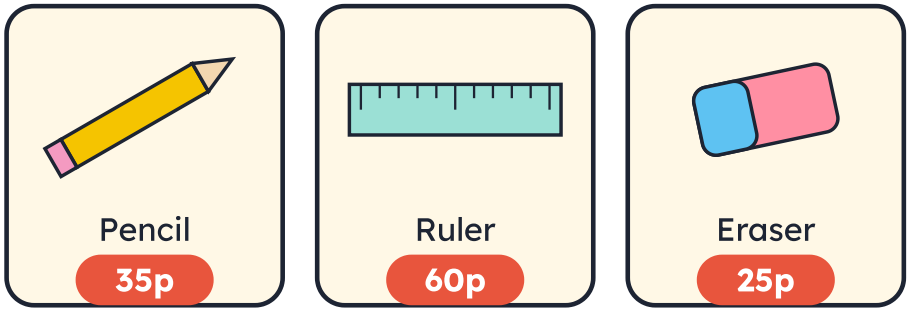
Ana is taller than Ben. Cara is shorter than Ben. Dan is taller than Ana. Write the four names in the boxes, from tallest to shortest.



Answer on the picture.

C7 **2 marks** Marks: ____ / 2

Tom has £1.50. He buys one ruler and two pencils. How much change does he get? Show your working.

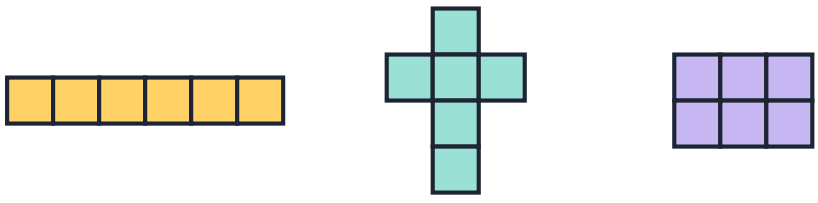


Working

Answer

C8 **1 mark** Marks: ____ / 1

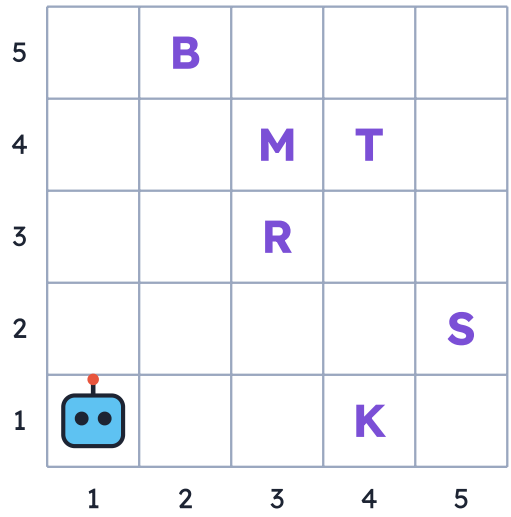
Only one of these shapes can be folded into a cube. Which one? Write its letter.



Answer

C9 **1 mark** Marks: ____ / 1

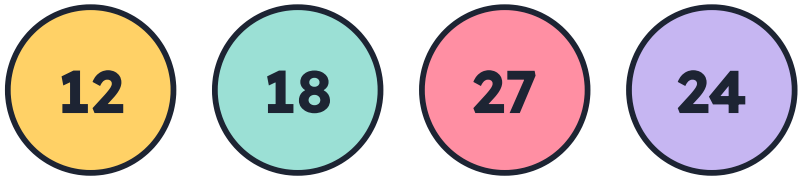
The robot starts in its square. It moves 3 squares right, then 3 squares up, then 1 square left. Which letter does it land on?



Answer

C10 **2 marks** Marks: ____ / 2

Which number is the odd one out? Explain why.



Answer and reason

Test C total: ____ / 13