G5-MATH-1 · your marked test

Grade 5 maths check

Anna · marked 2026-11-23

6 / 37

Test A	Test B	Test C
Calculation practice	Read the picture	Think it through
2 / 12	2 / 12	2 / 13

A note from Mate

Good start, Anna: 6 out of 37. Everything you answered shows real thinking: your reading of the bar chart and the triangle count were spot on. Lots of questions were left empty, so next time try every one, even if you're not sure. A guess with working can still earn marks.

To practise next

- Take-away with zeros: 6,000 − 2,358 (A3).
- Number lines: each small step between 0 and 1 is 0.1 (B6).
- Growing patterns: picture 5 is 5 rows of 5 (C1).
- Have a go at every question: empty boxes can't earn marks.

✓ right ✓ part marks ✗ not yet

✓	**A1**	47 × 6 = *Nice job Anna*	1 / 1
✓	**A2**	1,284 + 3,957 =	1 / 1
✗	**A3**	6,000 − 2,358 = *6,000 − 2,358 = 3,642. Taking away from zeros needs exchanging: try it in columns.*	0 / 1
✗	**A4**	864 ÷ 4 = *No answer yet. 864 ÷ 4 = 216: share 8 hundreds, then 6 tens, then 4 ones.*	0 / 2
✗	**A5**	36 × 25 = *No answer yet. 36 × 25 = 900.*	0 / 2
✗	**A6**	7 + 3 × 8 = *No answer yet. Times before plus: 3 × 8 = 24, then 7 + 24 = 31.*	0 / 1
✗	**A7**	4.6 + 2.75 = *No answer yet. Line up the decimal points: 4.60 + 2.75 = 7.35.*	0 / 1
✗	**A8**	3/8 + 4/8 = *No answer yet. Eighths stay eighths: 3/8 + 4/8 = 7/8.*	0 / 1
✗	**A9**	Round 4,762 to the nearest hundred. *No answer yet. The tens digit is 6, so round up: 4,800.*	0 / 1
✗	**A10**	What is ¼ of 120? *No answer yet. 120 ÷ 4 = 30.*	0 / 1
✓	**B1**	What fraction of the rectangle is shaded?	1 / 1

✓	**B2**	How many more children chose grapes than bananas?	1 / 1
✗	**B3**	Use the chart in B2. How many children are in class 5B altogether? *No answer yet. Add all four bars: 12 + 8 + 15 + 5 = 40.*	0 / 1
✗	**B4**	What is the area of the shaded rectangle? *No answer yet. 8 squares across × 5 down = 40 cm².*	0 / 1
✗	**B5**	What is the perimeter of the L-shape? *No answer yet. Add all six sides: 24 cm.*	0 / 1
✗	**B6**	What number is the arrow pointing to? *You counted 7 steps, well done. But each step is 0.1, so the arrow points to 0.7.*	0 / 1
✗	**B7**	What time will this clock show 25 minutes later? *No answer yet. The clock shows 3:45; 25 minutes later is 4:10.*	0 / 1
✗	**B8**	Which angle is obtuse? Write its letter. *No answer yet. Obtuse is bigger than a square corner: C.*	0 / 1
✗	**B9**	Draw ALL the lines of symmetry on this rectangle. Use a ruler. *No answer yet. A rectangle has 2 lines of symmetry: up-down and across the middle.*	0 / 2
✗	**B10**	a) Write the coordinates of point P. *No answer yet. P is at (4, 3): across first, then up.*	0 / 2
✗	**C1**	The pattern grows like this. How many small squares will picture 5 have? *Picture 5 is a square 5 wide and 5 tall: 5 × 5 = 25.*	0 / 1
✗	**C2**	Both scales balance. How many cubes would balance one cone? *One cylinder balances 3 cubes, and the cone balances 2 cylinders: 3 + 3 = 6.*	0 / 1
✓	**C3**	Draw the arrow that comes next in the empty box.	1 / 1
✗	**C4**	In a magic square every row, every column and both diagonals add up to *No answer yet. Top row: 2 + ? + 6 = 15, so the top middle is 7.*	0 / 2
✓	**C5**	How many triangles can you find in this picture? Count big ones too.	1 / 1
✗	**C6**	Ana is taller than Ben. Cara is shorter than Ben. Dan is taller than Ana. *Try the clues one by one: Dan is the tallest, then Ana, Ben, and Cara is the shortest.*	0 / 1
✗	**C7**	Tom has £1.50. He buys one ruler and two pencils. How much change does *No answer yet. 60p + 35p + 35p = 130p, so the change is 20p.*	0 / 2
✗	**C8**	Only one of these shapes can be folded into a cube. Which one? Write its *No answer yet. Only the cross shape B folds into a cube.*	0 / 1
✗	**C9**	The robot starts in its square. It moves 3 squares right, then 3 squares up, *No answer yet. 3 right, 3 up, 1 left lands on M.*	0 / 1
✗	**C10**	Which number is the odd one out? Explain why. *No answer yet. 27 is the only odd number.*	0 / 2

G5-MATH-1 · ages 10–11 · 37 marks

Grade 5 maths check

Name: Class: Date:

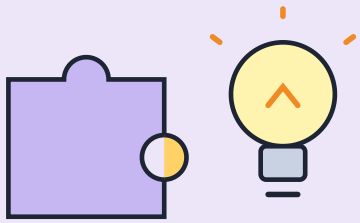
Three short tests, 10 questions each. Read the “Remember” box before each test. Write your answers in the boxes, or on the picture when the question says so. Show your working where there is space: it can earn marks.



Calculation practice



Read the picture



Think it through

Test	Marks
Test A: Calculation practice	2 / 12
Test B: Read the picture	2 / 12
Test C: Think it through	2 / 13
Total	**6 / 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

Nice job Anna

✓

Marks: 1 / 1

47 × 6 =

Answer 282

A2 1 mark

✓

Marks: 1 / 1

1,284 + 3,957 =

Answer 5241

A3 1 mark

6,000 − 2,358 = 3,642. Taking away from zeros needs exchanging: try it in columns.

✗

Marks: 0 / 1

6,000 − 2,358 =

Answer 3006

A4 2 marks

No answer yet. 864 ÷ 4 = 216: share 8 hundreds, then 6 tens, then 4 ones.

✗

Marks: 0 / 2

864 ÷ 4 =

Working

Answer

A5 2 marks

No answer yet. 36 × 25 = 900.

✗

Marks: 0 / 2

36 × 25 =

Working

Answer

A6 1 mark

No answer yet. Times before plus: 3 × 8 = 24, then 7 + 24 = 31.

✗

Marks: 0 / 1

7 + 3 × 8 =

Answer

A7 1 mark

No answer yet. Line up the decimal points: 4.60 + 2.75 = 7.35.

✗

Marks: 0 / 1

4.6 + 2.75 =

Answer

A8 1 mark

No answer yet. Eighths stay eighths: 3/8 + 4/8 = 7/8.

✗

Marks: 0 / 1

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

Answer

A9 1 mark

No answer yet. The tens digit is 6, so round up: 4,800.

✗

Marks: 0 / 1

Round 4,762 to the nearest hundred.

Answer

A10 1 mark

No answer yet. 120 ÷ 4 = 30.

✗

Marks: 0 / 1

What is ¼ of 120?

Answer

Test A total: 2 / 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.

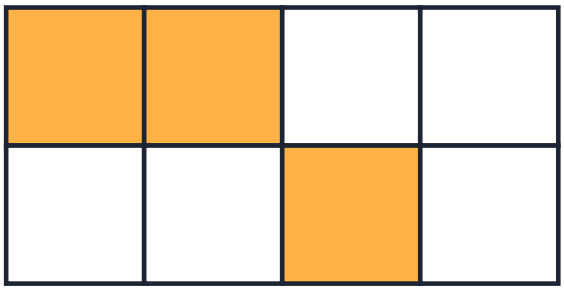


Remember

- 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 / 1

What fraction of the rectangle is shaded?

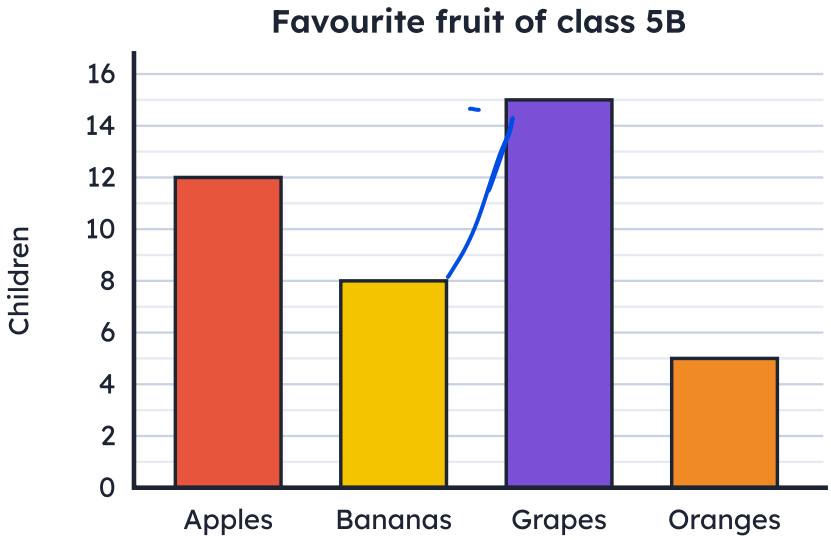


Answer 3/8

B2 **1 mark**

Marks: 1 / 1

How many more children chose grapes than bananas?



Answer 7

B3 **1 mark**

No answer yet. Add all four bars: 12 + 8 + 15 + 5 = 40.

Marks: 0 / 1

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

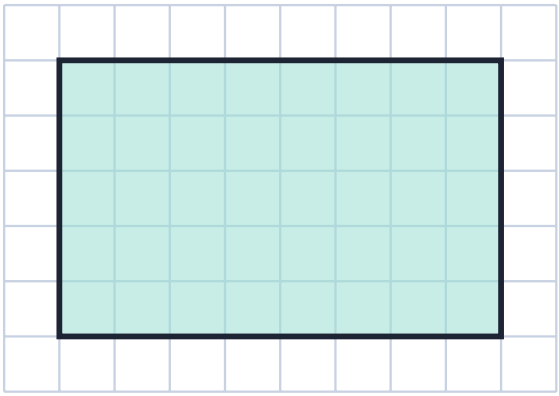
Answer

B4 **1 mark**

No answer yet. 8 squares across × 5 down = 40 cm².

Marks: 0 / 1

What is the area of the shaded rectangle?



1 small square = 1 cm × 1 cm

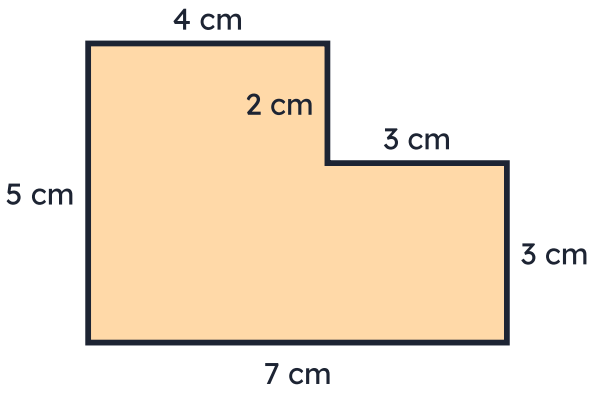
Answer

B5 **1 mark**

No answer yet. Add all six sides: 24 cm.

Marks: 0 / 1

What is the perimeter of the L-shape?



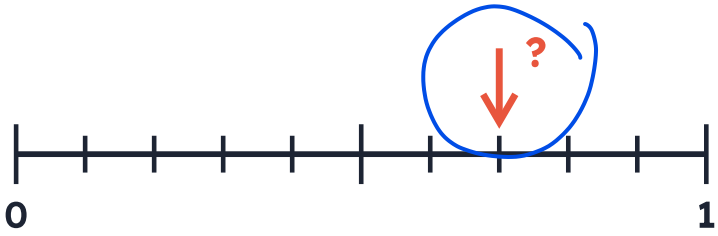
Answer

B6 1 mark

You counted 7 steps, well done. But each step is 0.1, so the arrow points to 0.7.

Marks: 0 / 1

What number is the arrow pointing to?



Answer

7

B7 1 mark

No answer yet. The clock shows 3:45; 25 minutes later is 4:10.

Marks: 0 / 1

What time will this clock show 25 minutes later?



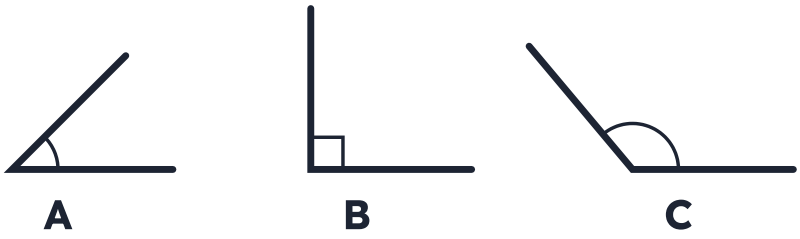
Answer

B8 **1 mark**

No answer yet. Obtuse is bigger than a square corner: C.

Marks: 0 / 1

Which angle is obtuse? Write its letter.



Answer

B9 **2 marks**

No answer yet. A rectangle has 2 lines of symmetry: up-down and across the middle.

Marks: 0 / 2

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



Answer on the picture.

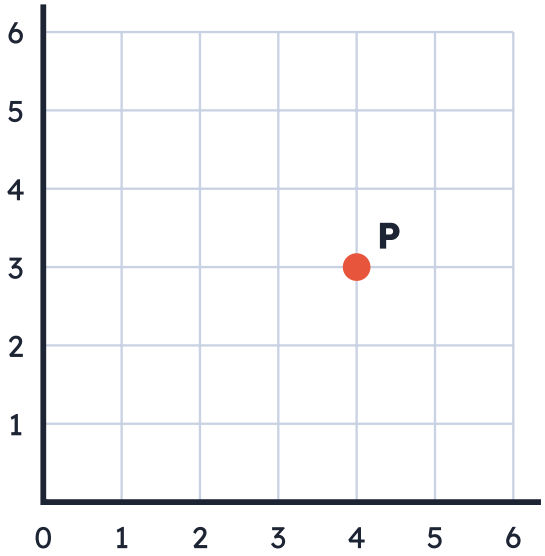
B10 **2 marks**

No answer yet. P is at (4, 3): across first, then up. ✗

Marks: 0 / 2

a) Write the coordinates of point P.

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



a) P =

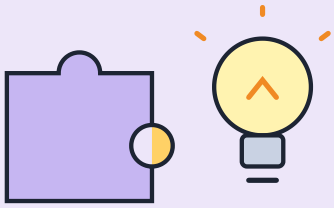
b) Mark Q on the picture.

Test B total: 2 / 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**

Picture 5 is a square 5 wide and 5 tall: 5 × 5 = 25.

✗

Marks: 0 / 1

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



Picture 1 Picture 2 Picture 3 ... Picture 5

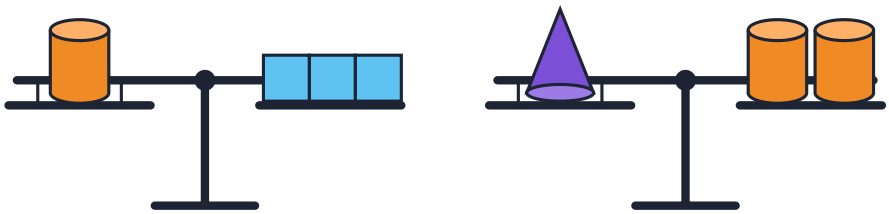
Answer 16

C2 1 mark

One cylinder balances 3 cubes, and the cone balances 2 cylinders: 3 + 3 = 6.

Marks: 0 / 1

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



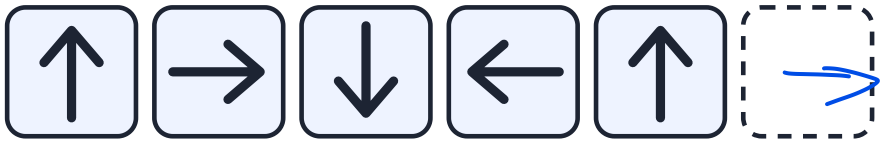
Scale 1 Scale 2

Answer 3

C3 1 mark

Marks: 1 / 1

Draw the arrow that comes next in the empty box.



Answer on the picture.

C4 2 marks

No answer yet. Top row: 2 + ? + 6 = 15, so the top middle is 7.

Marks: 0 / 2

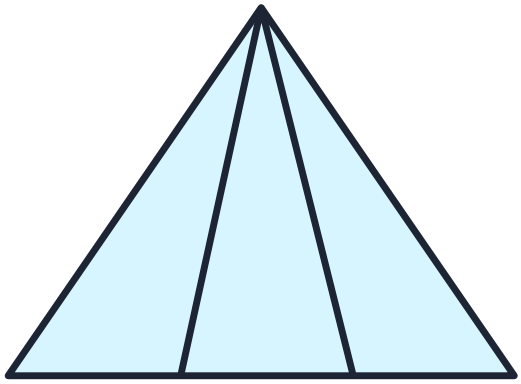
In a magic square every row, every column and both diagonals add up to 15. Fill in the empty boxes.

2		6
	5	
4		8

Answer on the picture.

C5 **1 mark** ✓ Marks: 1 / 1

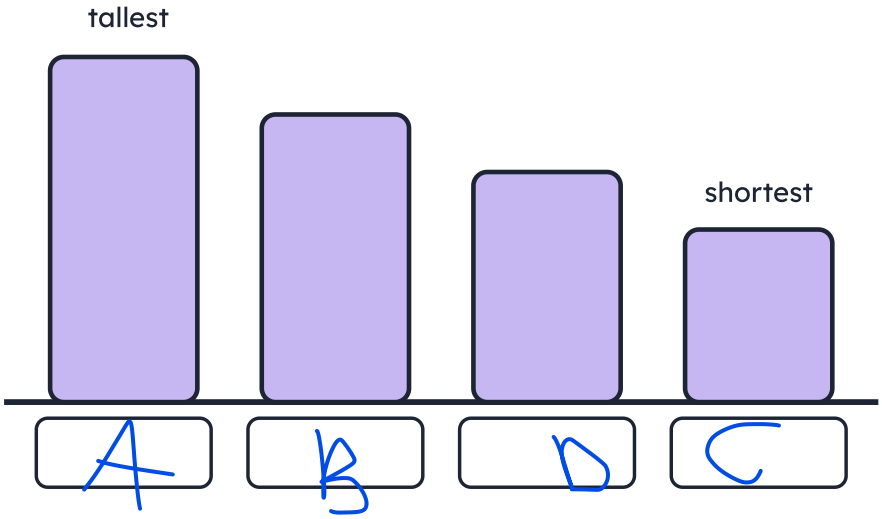
How many triangles can you find in this picture? Count big ones too.



Answer 6

C6 **1 mark** *Try the clues one by one: Dan is the tallest, then Ana, Ben, and Cara is the shortest.* ✗ Marks: 0 / 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.



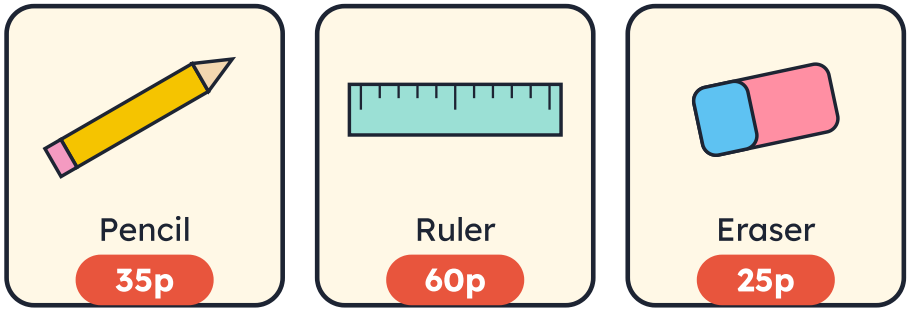
Answer on the picture.

C7 **2 marks**

No answer yet. 60p + 35p + 35p = 130p, so the change is 20p.

Marks: 0 / 2

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



Working

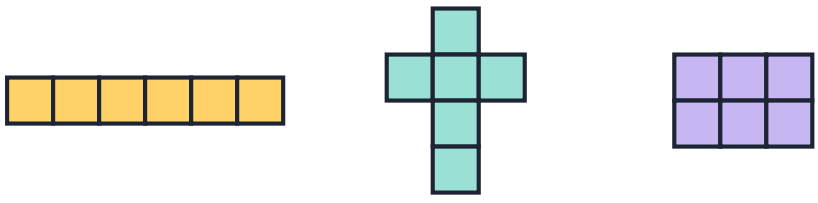
Answer

C8 **1 mark**

No answer yet. Only the cross shape B folds into a cube.

Marks: 0 / 1

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



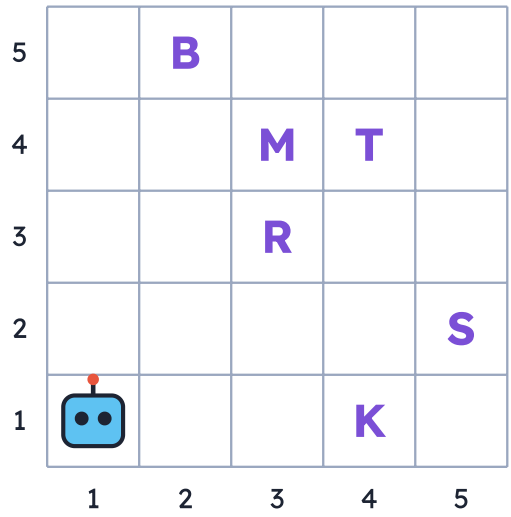
Answer

C9 1 mark

No answer yet. 3 right, 3 up, 1 left lands on M. ✗

Marks: 0 / 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?



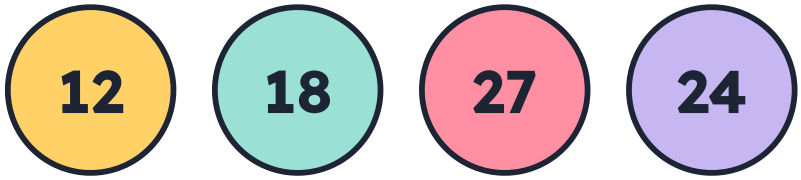
Answer

C10 2 marks

No answer yet. 27 is the only odd number. ✗

Marks: 0 / 2

Which number is the odd one out? Explain why.



Answer and reason

Test C total: 2 / 13