Year 4 maths: Lines of symmetry (Easy)

Maths · Shapes and space
Level: Easy

Student: _____ Date: _____

Instructions
- There are 10 questions. Read each one carefully.
- Write your answers on this paper. Use the space under a question to work it out.
- A grown-up can read a question aloud — that's fine.
- The answers are at the end. Check them together when you have finished.

Questions

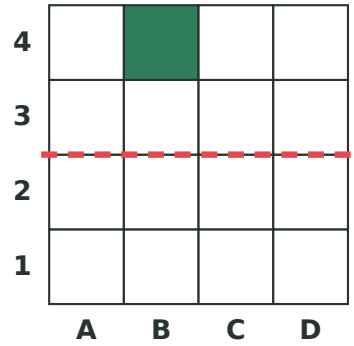
1. Which capital letter has a line of symmetry?

Circle one answer.

○ **A** S ○ **B** N ○ **C** U

2. Which square must be shaded so the dashed line is a line of symmetry?

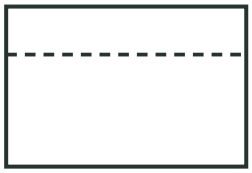
Circle one answer.



○ **A** A1 ○ **B** B1 ○ **C** B2

3. Is the dotted line a line of symmetry?

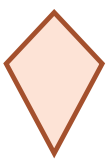
Circle one answer.



○ **A** Yes ○ **B** No

4. How many lines of symmetry does a kite have?

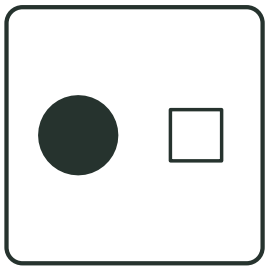
Circle one answer.

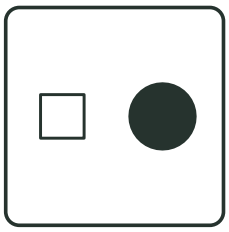


○ **A** 0 ○ **B** 1 ○ **C** 2

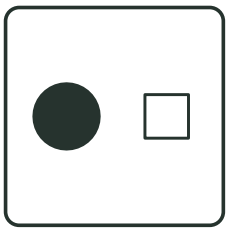
5. Mia holds this card next to a mirror on its right-hand side. Which picture shows what she sees in the mirror?

Circle one answer.





○ **A**



○ **B**

6. Which capital letter has NO line of symmetry?

Circle one answer.

○ **1** O ○ **2** A ○ **3** L

7. How many lines of symmetry does an equilateral triangle have?

Circle one answer.

○ **A** 1 ○ **B** 3 ○ **C** 6

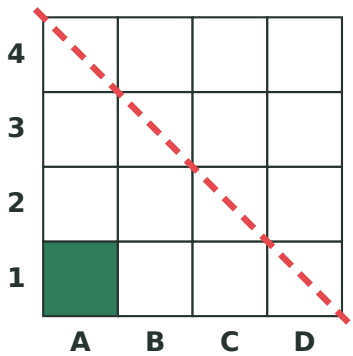
8. A square of paper is folded in half, bringing the top edge down onto the bottom edge. What shape is it now?

Circle one answer.

○ **A** a square ○ **B** a triangle ○ **C** a rectangle

9. The dashed corner-to-corner line is a mirror line. Which square is the partner of A1?

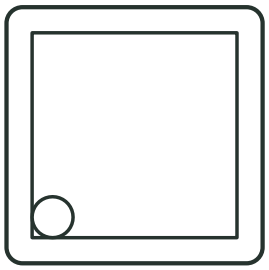
Circle one answer.



○ **A** D4 ○ **B** A4 ○ **C** D1

10. This tile is a square with a small circle in one corner, touching two sides. Which fold is a line of symmetry?

Circle one answer.



○ **A** straight across

○ **B** corner to corner, through the circle

○ **C** straight up and down

Answer key

Year 4 maths: Lines of symmetry (Easy) · Sheet 358597

1. C — U

U folds down the middle into matching halves. N and S look the same upside down, but no fold makes their halves match.

2. B — B1

B4 is 2 squares above the across line. Its mirror square is 2 squares below the line, in the same column: B1.

3. B — No

The line is not in the middle, so the top part and the bottom part are different sizes.

4. B — 1

A kite folds only from its top point to its bottom point. A fold across it does not match.

5. A

Left and right swap in a side mirror. The black circle was on the left, so in the mirror it is on the right.

6. 3 — L

A folds down the middle and O folds many ways. L has no fold that works.

7. B — 3

Fold from each corner to the middle of the opposite side: 3 lines.

8. C — a rectangle

The top half lands on the bottom half. What shows is half as tall but just as wide: a rectangle.

9. A — D4

A1 is 1 column from the left and 4 rows from the top. Swap: 4 columns from the left and 1 row from the top is D4.

10. B — corner to corner, through the circle

Fold from the circle's corner to the opposite corner. The circle folds onto itself and the square's halves match.