



Lines of Symmetry



Watch video

MathApex

Name: _____

Date: _____

From the video

A rectangle has 2 lines of symmetry, a square 4

1 Now it's your turn!

How many lines of symmetry does a square have?

Fold it in your head: both halves must fit exactly on top of each other.

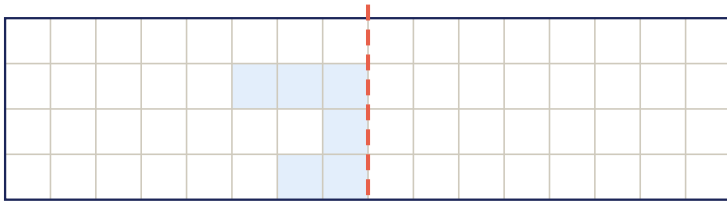
lines

2 How many lines of symmetry?**3 Draw all the lines of symmetry.**

Use a ruler.

5 Think backwards.

Which shape has exactly one line of symmetry? Tick it.

☐☐☐☐**6 Complete the symmetrical shape.**

The red line is the line of symmetry.

4 Symmetrical or not?

Tick the symmetrical letters.

E☐**Z**☐**A**☐**M**☐**F**☐**T**☐**★ Brain teaser**

A circle has infinitely many lines of symmetry. Why? Draw three of them in a circle and explain.



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1 Now it's your turn!**4 lines**

Two through the middles of the sides, two through the corners (diagonals).

2 How many lines of symmetry?

2 (rectangle) 3 (equilateral triangle)
1 (heart) 2 (H)
many (circle)

3 Draw all the lines of symmetry.

Square 4 Rectangle 2
Equilateral triangle 3 Hexagon 6

4 Symmetrical or not?

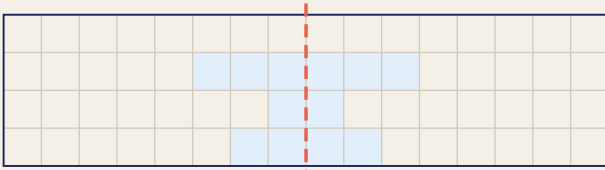
E: yes Z: no A: yes
M: yes F: no T: yes

5 Think backwards.**The isosceles triangle and the arrow**

Rectangle 2 lines, square 4 lines.

★ Brain teaser

Every straight line through the middle is a line of symmetry – and there are infinitely many of them.

6 Completing.

$$6 + 6 = 12 \text{ squares}$$

For parents and teachers: This worksheet goes with the video “Lines of Symmetry” (Math Story 52, Grade 4). You find lines of symmetry by folding: both halves must cover each other exactly. A mirror or tracing paper helps with checking.

More Math Stories with video and worksheet: www.mathapex.app/en/math-stories/