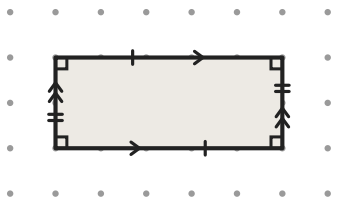
Properties of quadrilaterals

1

Use the marks to complete the properties.
Draw the lines of symmetry.
Name the shape.



pairs of parallel sides: 2

equal sides: opposite

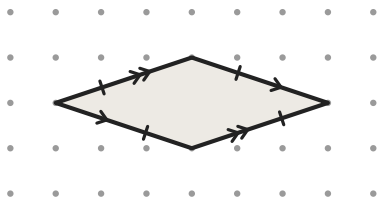
right angles:

lines of symmetry:

name:

2

Use the marks to complete the properties.
Draw the lines of symmetry.
Name the shape.



pairs of parallel sides: 2

equal sides:

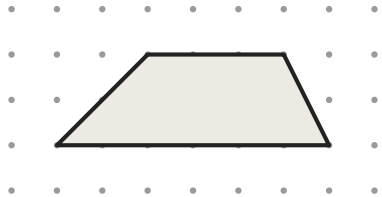
right angles:

lines of symmetry:

name:

3

Add the marks. Complete the properties and name the shape.



pairs of parallel sides:

equal sides:

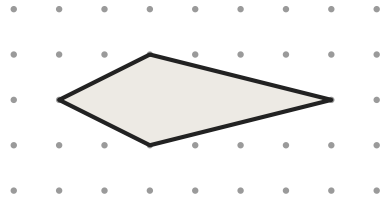
right angles:

lines of symmetry:

name:

4

Add the marks. Complete the properties and name the shape.



pairs of parallel sides:

equal sides:

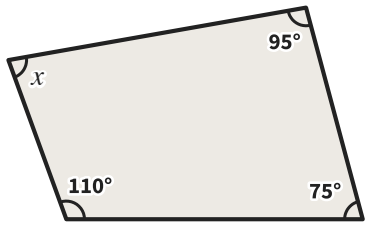
right angles:

lines of symmetry:

name:

5

Find angle x.



angles add up to: 360°

angles you know:

360 take away:

x =

6

What am I? I have four right angles.
My sides are not all equal. Cross out the shapes that don't fit.

square | rectangle | rhombus | parallelogram | trapezium | kite

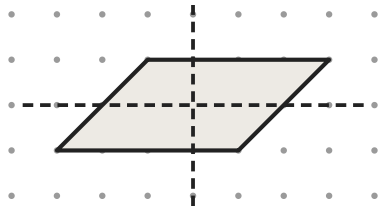
four right angles:

not all equal:

I am a

7

Sam draws two lines of symmetry on this parallelogram. Explain why he is wrong.

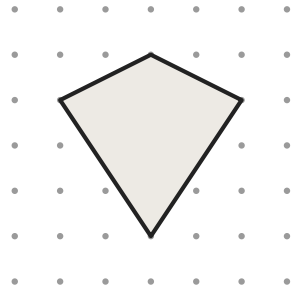


fold on a line:

lines of symmetry:

8

Draw the diagonals of this kite.



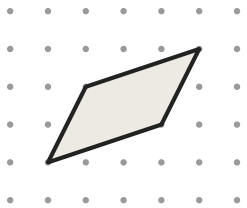
cross at right angles?

cut each other in half?

Properties of quadrilaterals *further practice*

9

Name this shape. How many lines of symmetry does it have?



Answer _____

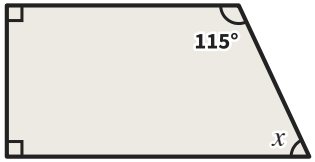
10

What am I? I have four equal sides.
My diagonals cross at right angles.
I have four lines of symmetry.

Answer _____

11

Find angle x.



Answer _____

12

Which of these shapes have diagonals that cross at right angles: square, rectangle, rhombus, parallelogram, kite?

Answer _____

13

Isla measures three angles of a window frame. Each one is 90°.
Find the fourth angle.
Which two shapes could the frame be?

Answer _____

14

A kite for a display has one side 6 cm long and another side 11 cm long.
Find its perimeter.

Answer _____

15

Kai says a quadrilateral has angles 95°, 85°, 95° and 95°. Explain why he must be wrong.

Answer _____

16

Is every square also a rhombus? Explain, using the properties.

Answer _____