

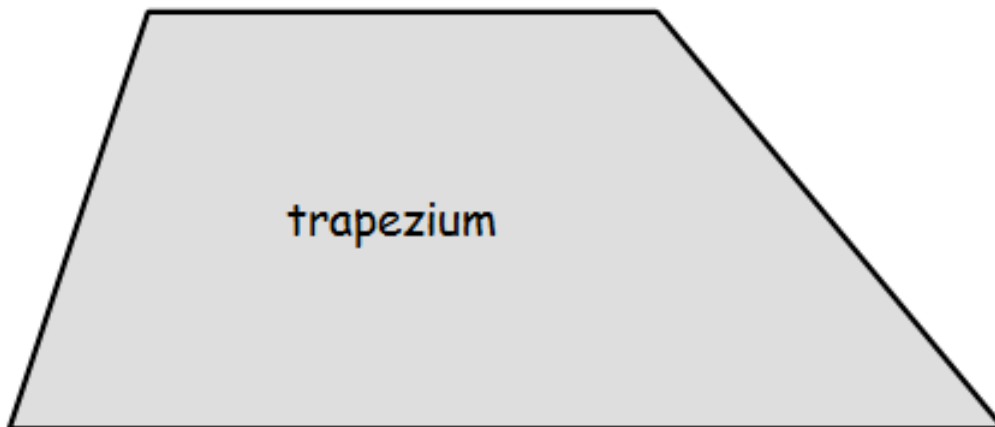


Quadrilateral properties quiz

<http://topdrawer.aamt.edu.au/Geometric-reasoning/Good-teaching/Exploring-quadrilaterals/Properties-of-quadrilaterals/Quadrilateral-property-quiz>

You will need the list of *quadrilateral properties*.

I am a trapezium



Make a copy of me then cut me out so you can fold me and measure me.

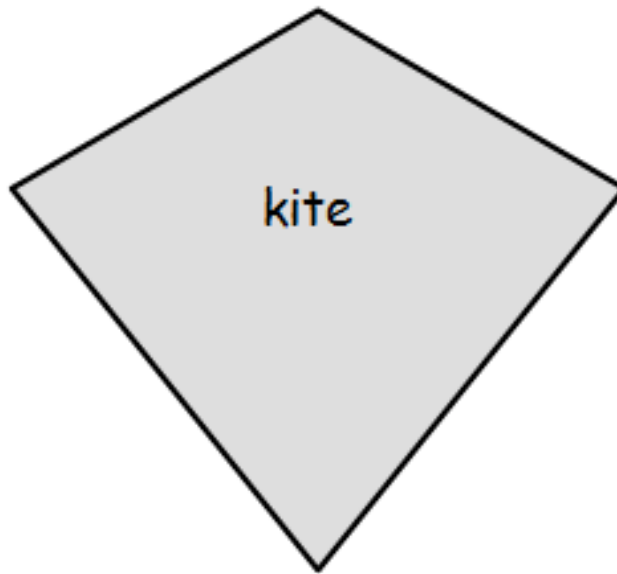
Which properties do I possess?

Using the letters in the list, write down the letters for all the properties that are true for every trapezium.

Write your letters here in alphabetical order:



I am a kite



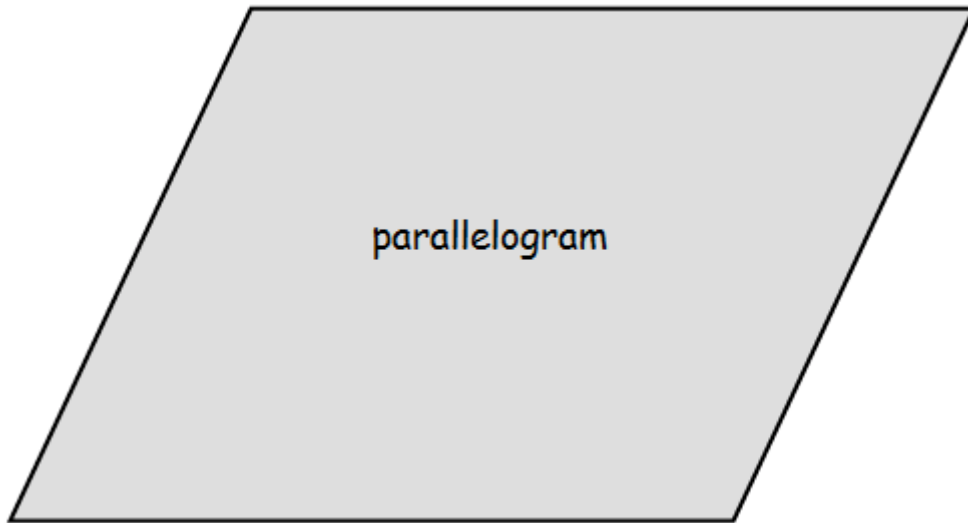
Make a copy of me then cut me out so you can fold me and measure me.

Which properties do I possess?

Using the letters in the list, write down the letters for all the properties that are true for every kite.

Write your letters here in alphabetical order:

I am a parallelogram



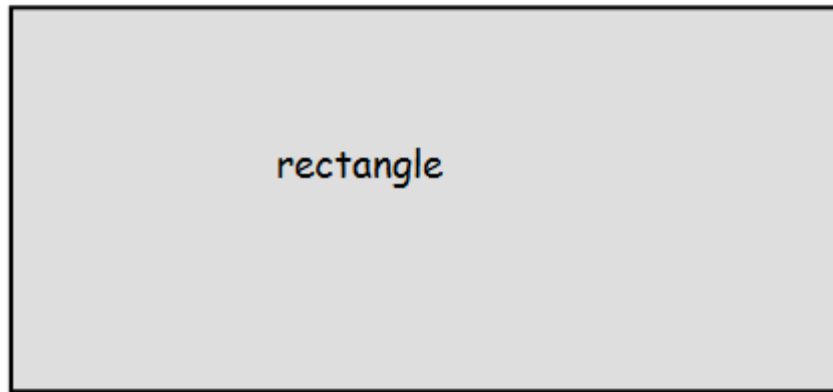
Make a copy of me then cut me out so you can fold me and measure me.

Which properties do I possess?

Using the letters in the list, write down the letters for all the properties that are true for every parallelogram.

Write your letters here in alphabetical order:

I am a rectangle



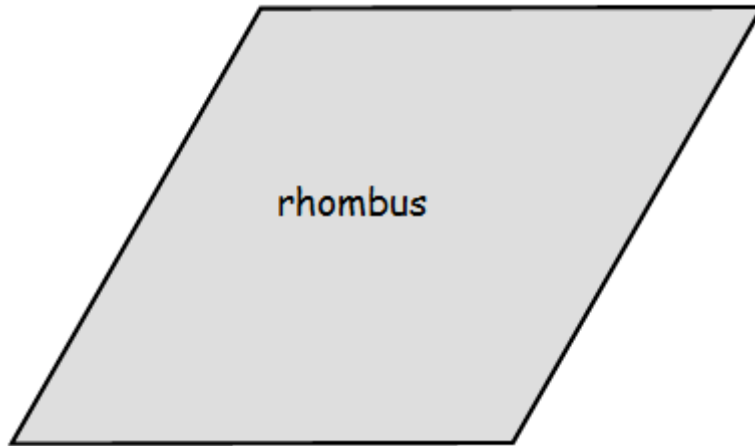
Make a copy of me then cut me out so you can fold me and measure me.

Which properties do I possess?

Using the letters in the list, write down the letters for all the properties that are true for every rectangle.

Write your letters here in alphabetical order:

I am a rhombus



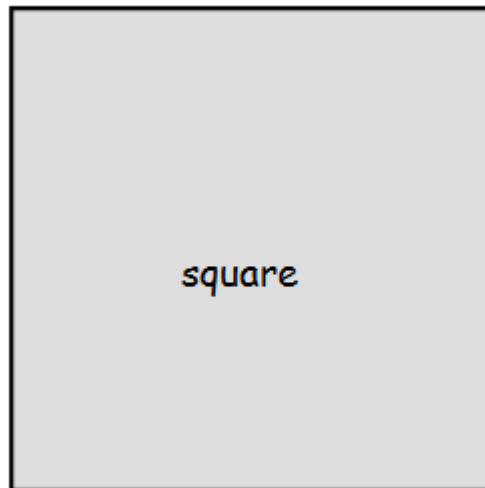
Make a copy of me then cut me out so you can fold me and measure me.

Which properties do I possess?

Using the letters in the list, write down the letters for all the properties that are true for every rhombus.

Write your letters here in alphabetical order:

I am a square



Make a copy of me then cut me out so you can fold me and measure me.

Which properties do I possess?

Using the letters in the list, write down the letters for all the properties that are true for every square.

Write your letters here in alphabetical order:

Quadrilateral properties quiz summary

When you have a full set of correct answers, complete this summary table:

	kite	trapezium	parallelogram	rectangle	rhombus	square
How many axes of symmetry?						
Does it have rotational symmetry?						
How many pairs of opposite equal sides?						
How many pairs of opposite parallel sides?						
How many pairs of opposite equal angles?						
Are the diagonals equal in length?						
Do both diagonals bisect each other?						
Do the diagonals meet at right angles?						
Do the diagonals bisect each other at right angles?						
Do both diagonals bisect the angles through which they pass?						
Does it have 4 equal sides?						
Does it have 4 right angles?						