Quadrilateral properties 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:

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