Exam Style Questions

Quadrilaterals

Corbettmaths

Ensure you have: Pencil, pen, ruler, protractor, pair of compasses and eraser
You may use tracing paper if needed

Guidance

1. Read each question carefully before you begin answering it.
2. Don’t spend too long on one question.
3. Attempt every question.
4. Check your answers seem right.
5. Always show your workings

Revision for this topic

www.corbettmaths.com/contents

Video 2
1. The names of five quadrilaterals are given.
   square  rhombus  rectangle  kite  trapezium

   Three of them are drawn below.

   ![Shapes A, B, and C]

   Complete these statements.

   Shape A is called a ............................................

   Shape B is called a ............................................

   Shape C is called a ............................................

   (3)

2. A quadrilateral is drawn below.

   ![Quadrilateral]

   (a) Write down the name of this quadrilateral.

       ........................

       (1)

   (b) Draw any lines of symmetry on the quadrilateral.

       (1)
3. A quadrilateral is drawn below. It has two pairs of parallel sides.

(a) Write down the name of this quadrilateral.

................................................................. (1)

(b) How many lines of symmetry does the shape have?

................................................................. (1)

(c) Draw a quadrilateral with two lines of symmetry

................................................................. (1)
4. There are two quadrilaterals below

(a) Write down the names of each quadrilateral.

................................................. .................................................

(b) Draw a rhombus below.

5. Below is a rectangle.

Tick the correct boxes for the four statements.

A rectangle has four right angles  True  False
A rectangle has one pair of parallel lines  False  False
A rectangle has four lines of symmetry  False  False
A rectangle has rotational symmetry of order 2  False  False
6. Here is a list of quadrilaterals.

kite  rectangle  rhombus  square  parallelogram

For each of the following descriptions, choose the correct name from the list.

(a) All four sides are the same length.
All four angles are equal.

..............................
(1)

(b) Two pairs parallel sides.
Opposite angles are equal.
No lines of symmetry.

..............................
(1)

(c) All four sides are the same length.
There are no right angles.

..............................
(1)
7. The names of three quadrilaterals are below.

square    kite    parallelogram

Write each name in the correct position in the table below.

<table>
<thead>
<tr>
<th>Line Symmetry</th>
<th>No Line Symmetry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two pairs of parallel lines</td>
<td></td>
</tr>
<tr>
<td>No parallel lines</td>
<td></td>
</tr>
</tbody>
</table>

(3)

8. Complete the table below.

<table>
<thead>
<tr>
<th></th>
<th>Square</th>
<th>Rhombus</th>
<th>Trapezium</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of pairs of parallel sides</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diagonals always equal in length</td>
<td></td>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>

(4)