

Quadrilaterals

Video 2 on www.corbettmaths.com

Examples



Workout

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Question 1: Draw the following quadrilaterals

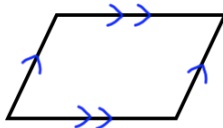
- (a) A kite (b) A rectangle (c) A square (d) A parallelogram
(e) A trapezium (f) A rhombus (g) An arrowhead/A delta

Question 2: Name each of the shapes below

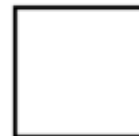
(a)



(b)



(c)



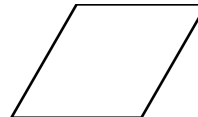
(d)



(e)



(f)



Question 3: Draw all lines of symmetry on the quadrilaterals you have drawn in Question 1.

Question 4: Write down the order of rotational symmetry that each quadrilateral below has:

- (a) A square (b) A rectangle (c) A kite (d) A parallelogram
(e) A trapezium (f) A rhombus

Question 5: Which quadrilaterals have only one pair of equal length sides?

Question 6: Which quadrilaterals have two pairs of equal length sides?

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Question 7: Which quadrilaterals have four equal length sides?

Question 8: Which quadrilaterals have two pairs of parallel sides?

Question 9: Which quadrilaterals have one pair of parallel sides?

Question 10: Which quadrilaterals have diagonals of equal length?

Apply

Question 1: Explain why Martin is incorrect.

A trapezium has no lines of symmetry



Question 2: Can you spot any mistakes?

Below is a rectangle.



Tick the correct boxes for the four statements.

	True	False
A rectangle has four right angles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
A rectangle has one pair of parallel lines	<input checked="" type="checkbox"/>	<input type="checkbox"/>
A rectangle has four lines of symmetry	<input checked="" type="checkbox"/>	<input type="checkbox"/>
A rectangle has rotational symmetry of order 2	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Answers



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