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?
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.

Question 2: Can you spot any mistakes?

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  
  True  False
- A rectangle has four lines of symmetry  
  True  False
- A rectangle has rotational symmetry of order 2  
  True  False

Answers

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