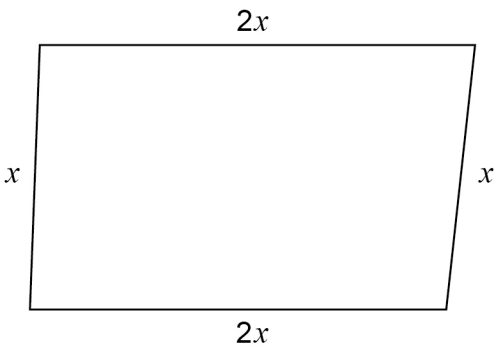**1** Here is a **sketch** of a quadrilateral.

All lengths are in centimetres.

$2x$

x x

Not drawn
accurately

$2x$

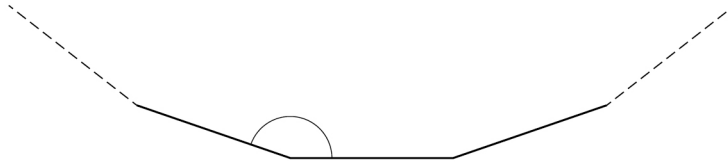Tick **one** box for each statement.

[3 marks]

	True	May be true	Not true
The quadrilateral is a rectangle		✓	
The quadrilateral is a parallelogram	✓		
The quadrilateral is a rhombus			✓
The quadrilateral is a kite			✓

③

2   Part of a regular polygon with 15 sides is shown.

Not drawn
accurately

Work out the size of an **interior** angle.

[2 marks]

$$\frac{(15-2) \times 180}{15} = \frac{2340}{15} = 156$$

Answer   156   degrees

3   A quadrilateral has angles   70°, 110°, 130° and 50°

Circle the possible type of quadrilateral.

[1 mark]

kite   parallelogram   rhombus   trapezium

4   Quadrilateral *ABCD* is reflected in edge *BC*.

How many of the vertices are invariant?

Circle your answer.

← reflection line

only vertice
B and c
are invaria

[1 mark]

A   B

D   C

1   2   0   4

①