

Shape

ANSWERS

No calculator | 20 minutes | Total marks: 17

Name

Class

- 1 (a) Write down the name of a quadrilateral with 4 equal sides and 4 right angles.

Answer square (1) [1 mark]

- (b) A quadrilateral has exactly one pair of parallel sides. Write down its name.

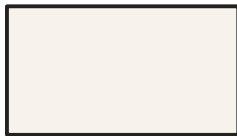
Answer trapezium (1) [1 mark]

- (c) How many sides does a pentagon have?

Answer 5 (1) [1 mark]

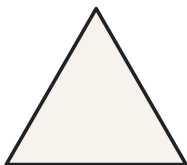
- 2 How many lines of symmetry does each shape have?

- (a) a rectangle



Answer 2 (1) [1 mark]

- (b) an equilateral triangle



Answer 3 (1) [1 mark]

- (c) a square



Answer 4 (1) [1 mark]

3

Write down the order of rotational symmetry of

(a) a square

Answer 4 (1)

[1 mark]

(b) a rectangle

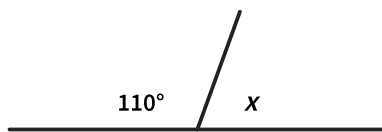
Answer 2 (1)

[1 mark]

4

Work out the size of angle x in each diagram.

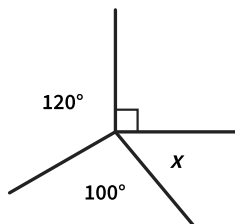
(a)

Answer 70 (1)

°

[1 mark]

(b)



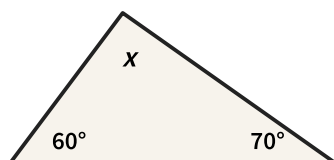
$$360 - 90 - 120 - 100 \text{ (1)}$$

Answer 50 (1)

°

[2 marks]

(c)



$$180 - 60 - 70 \text{ (1)}$$

Answer 50 (1)

°

[2 marks]

5

(a) Is an angle of 95° acute, obtuse or reflex?Answer obtuse (1)

[1 mark]

(b) How many degrees are there in a right angle?

Answer 90 (1)

°

[1 mark]

6

A triangle has angles of 90° , 45° and x .(a) Work out the size of angle x .Answer 45 (1)

°

[1 mark]

(b) What type of triangle is it?

Answer isosceles (1)

[1 mark]

Question	Topic	RAG
1	I can name quadrilaterals and polygons	
2	I can find lines of symmetry	
3	I can find the order of rotational symmetry	
4	I can use angle facts to find a missing angle	
5	I can describe angles	
6	I can use the angles in a triangle	