

# Year 4 Mathematics Homework

## Shape

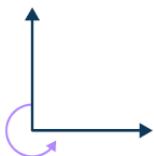
Tick your answer to each question, like in the example below. You can use any space left below or around a question for your working out, if you need it.

Example Question

$$1,435 + 2,870 =$$

- a  3,205
- b  4,305
- c  3,295
- d  5,110

1 What type of turn is this?



- a  Three-quarter turn clockwise
- b  Quarter turn clockwise
- c  Quarter turn anticlockwise
- d  Three-quarter turn anticlockwise

4 Which of these angles is acute?

- a  
- b  
- c  
- d  

5 Which of these quadrilaterals has perpendicular sides?

- a  
- b  
- c  
- d  

2 Which of these shapes is not an isosceles triangle?

- a  
- b  
- c  
- d  

3 An obtuse angle is an angle...

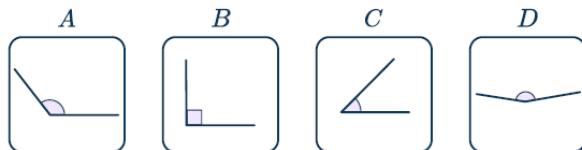
- a  greater than a right angle.
- b  less than a right angle.
- c  greater than a right angle but less than a half turn.
- d  equal to a quarter turn.

6 Here are some shapes in a Carroll diagram. Which shape has been incorrectly placed?

	Triangles	Quadrilaterals
At least one right angle	 	
No right angles		

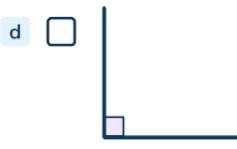
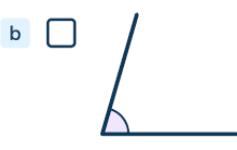
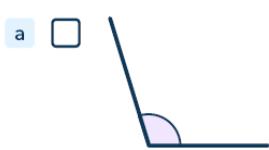
- a  A
- b  B
- c  C
- d  D

7 Order these angles from smallest to largest.

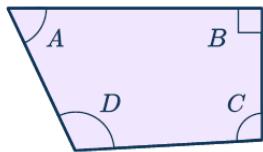


- a  D, A, B, C
- b  C, B, D, A
- c  C, A, B, D
- d  C, B, A, D

8 Which angle below is the greatest angle?



9 Which angle in the shape is the smallest angle?



a  Angle A

b  Angle B

c  Angle C

d  Angle D

12 An equilateral triangle has...

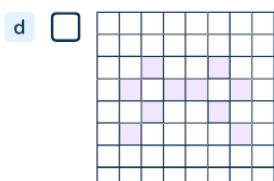
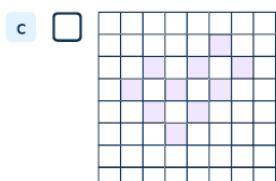
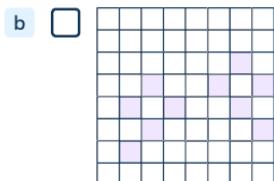
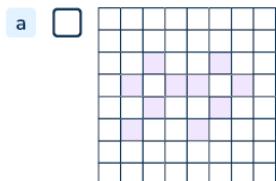
a  four equal length sides.

b  equal length sides.

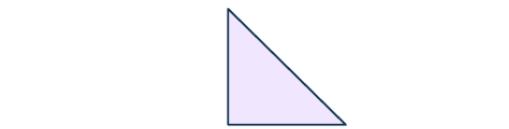
c  two equal length sides.

d  no equal length sides.

13 Mark is making a symmetrical pattern. Which of these is his pattern?



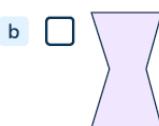
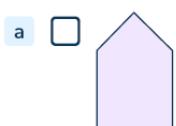
10 What will the triangle look like after a quarter turn clockwise?



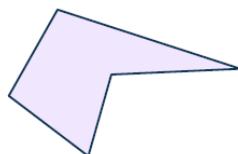
11 Which of these quadrilaterals contains a right angle?



14 Which of these shapes is a regular polygon?



15 What is the name of this shape?



a  quadrilateral

b  hexagon

c  heptagon

d  pentagon