

## Year 4 Mathematics Homework

### Shape

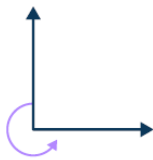
Tick your answer to each question, like in the example below. You can use any space left below or around a question for your working out, if you need it.

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

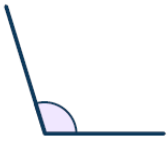
7 Order these angles from smallest to largest.



- 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?

a ☐



b ☐



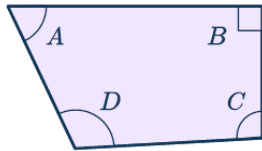
c ☐



d ☐



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.

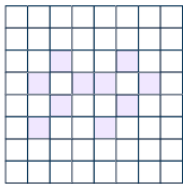
b ☐ equal length sides.

c ☐ two equal length sides.

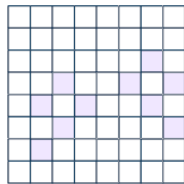
d ☐ no equal length sides.

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

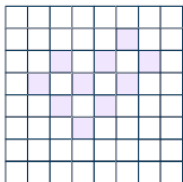
a ☐



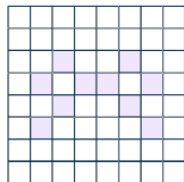
b ☐



c ☐

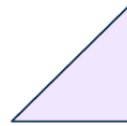


d ☐

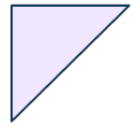


10 What will the triangle look like after a quarter turn clockwise?

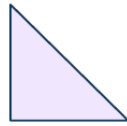
a ☐



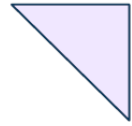
b ☐



c ☐



d ☐



11 Which of these quadrilaterals contains a right angle?

a ☐



b ☐



c ☐

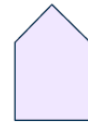


d ☐

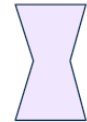


14 Which of these shapes is a regular polygon?

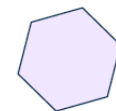
a ☐



b ☐



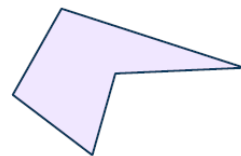
c ☐



d ☐



15 What is the name of this shape?



a ☐ quadrilateral

b ☐ hexagon

c ☐ heptagon

d ☐ pentagon