



## Year 2 Sides and Vertices of 2D Shapes

Complete the statements below. Use the word bank to help you:

 = \_\_\_\_ sides. This is called a \_\_\_\_\_.

 = \_\_\_\_ sides. This is called a \_\_\_\_\_.

square

rectangle

Match the shape to its number of sides and name.



5 sides

circle



3 sides

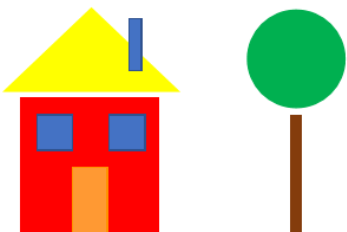
triangle



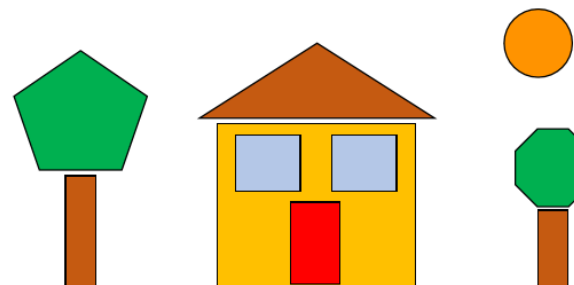
1 side

pentagon

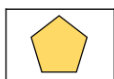
Count the total number of sides in this picture.  
Show your workings.



Count the number of vertices you can see in the picture below.

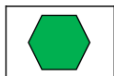


Join the matching sets.



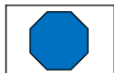
6 vertices

octagon



5 vertices








hexagon



8 vertices

pentagon

The shapes below have been sorted into the table by their vertices.  
Write an appropriate heading for each of the columns.


			
			

# Year 2

## Sides and Vertices of 2D Shapes

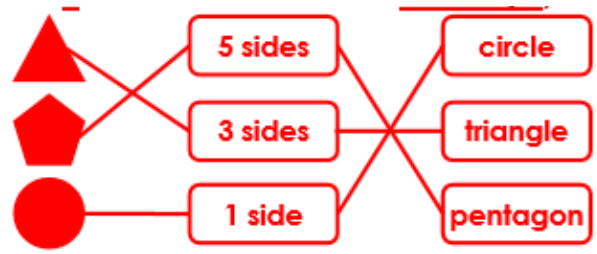
A = 4 sides. This is called a rectangle; B = 4 sides. This is called a square.

 = \_\_\_ sides. This is called a \_\_\_\_\_.

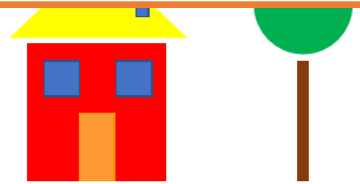
 = \_\_\_ sides. This is called a \_\_\_\_\_.

square
rectangle

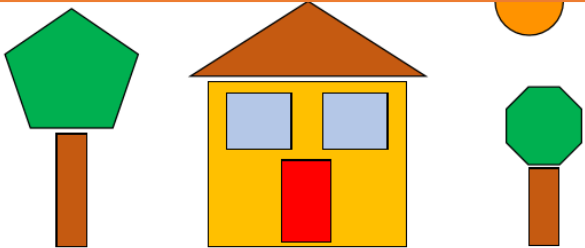
Match the shape to its number of sides and name.





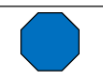
There are 3 rectangles (12 sides), 3 squares (12 sides), 1 triangle (3 sides) and 1 circle (1 side). The total number of sides is 28.










40



A. 5 vertices, pentagon; B. 6 vertices, hexagon; C. 8 vertices, octagon



	6 vertices	octagon
	5 vertices	hexagon
	8 vertices	pentagon

Various answers, for example: Fewer than 5 vertices; 5 vertices or more




## Year 2 Sides and Vertices of 2D Shapes

Complete the statements below. Use the word bank to help you:

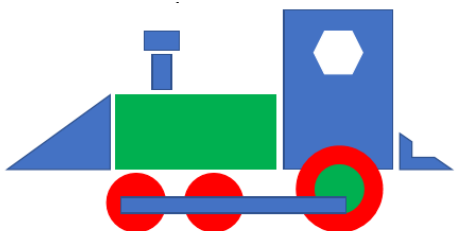
 = \_\_\_\_ sides. This is called a \_\_\_\_\_.  
 = \_\_\_\_ sides. This is called a \_\_\_\_\_.

quadrilateral    triangle

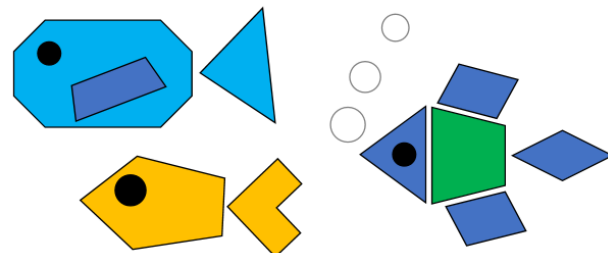
Match the shape to its number of sides and name.

	<b>8 sides</b>	<b>hexagon</b>
	<b>6 sides</b>	<b>pentagon</b>
	<b>5 sides</b>	<b>octagon</b>




Count the total number of sides in this picture.  
Show your workings.



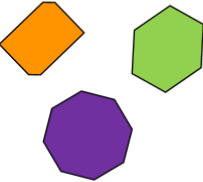
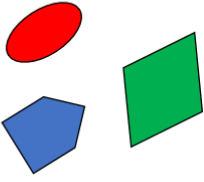
Count the number of vertices you can see in the picture below.



Join the matching sets.

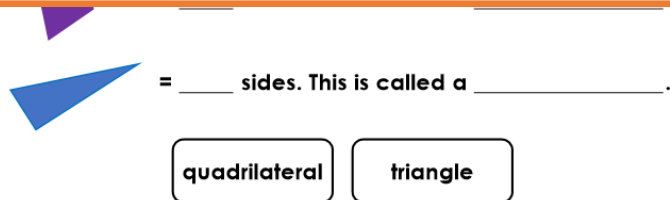
	<b>8 vertices</b>	<b>hexagon</b>
	<b>6 vertices</b>	<b>octagon</b>
	<b>5 vertices</b>	<b>pentagon</b>

The shapes below have been sorted into the table by their vertices.  
Write an appropriate heading for each of the columns.

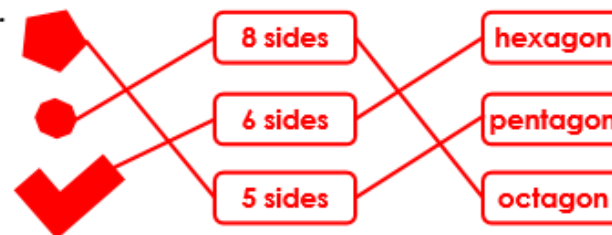
	
---	---

## Year 2 Sides and Vertices of 2D Shapes

A = 4 sides. This is called a quadrilateral; B = 3 sides. This is called a triangle



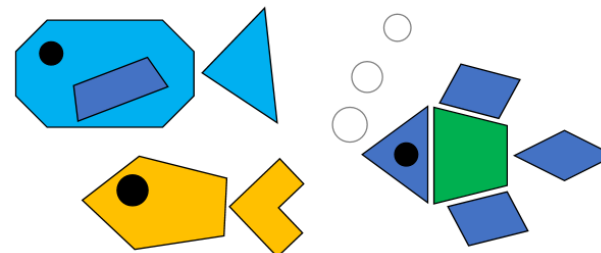
Match the shape to its number of sides and name.



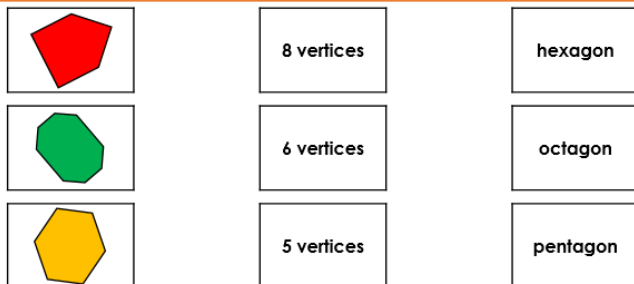
There are 5 rectangles (20 sides), 4 circles (4 sides), 1 regular hexagon (6 sides), 1 irregular hexagon (6 sides) and 1 triangle (3 sides).  
The total number of sides is 39



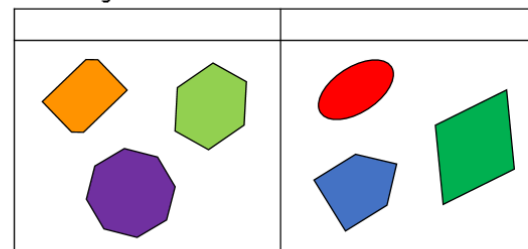
45



A. 5 vertices, pentagon; B. 8 vertices, octagon; C. 6 vertices, hexagon

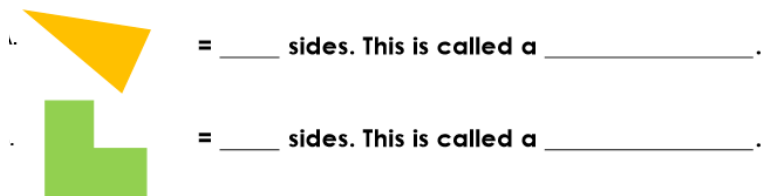


Various answers, for example: 6 vertices or more; fewer than 6 vertices

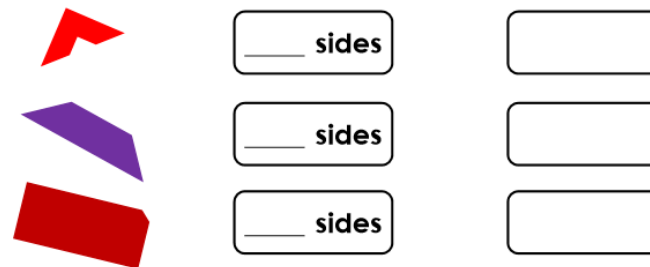


## Year 2 Sides and Vertices of 2D Shapes

Complete the statements below. Use the word bank to help you:



Match the shape to its number of sides and name.

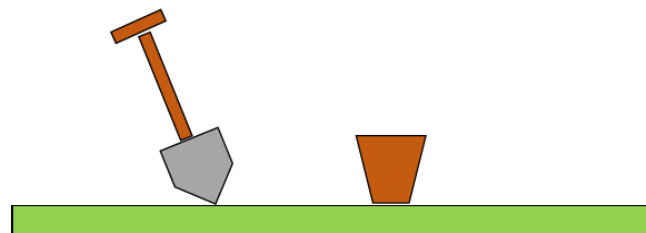


Investigate the shapes you can make by combining some or all of the shapes below.

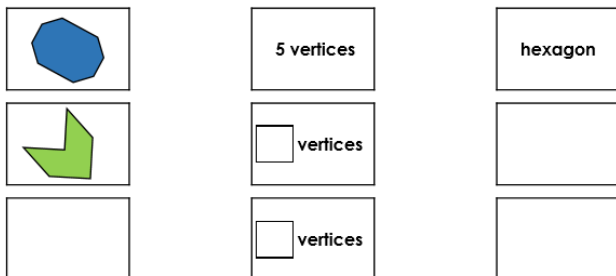
Which of the shapes you have made gives you the greatest number of sides?  
Which of the shapes you have made gives you the least number of sides?



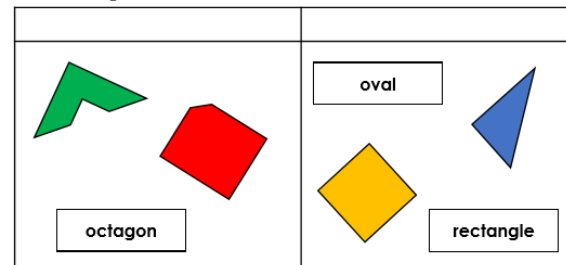
Complete the picture below. When completed, the picture must have a total of 50 vertices.



Complete the missing labels to make matching sets.





The shapes below have been sorted into the table by their vertices. Write an appropriate heading for each of the columns



## Year 2

### Sides and Vertices of 2D Shapes

A = 3 sides. This is called a triangle; B = 6 sides. This is called a hexagon.

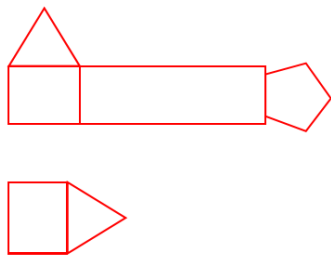
 = \_\_\_\_ sides. This is called a \_\_\_\_\_.  
 = \_\_\_\_ sides. This is called a \_\_\_\_\_.

Match the shape to its number of sides and name.

 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

6 sides	hexagon
4 sides	quadrilateral
5 sides	pentagon

Various answers, for example:




Which of the shapes you have made gives you the greatest number of sides? 11  
Which of the shapes you have made gives you the least number of sides? 5




29 vertices need to be added. Various answers, for example:



A. 8 vertices, octagon; B. 6 vertices, hexagon; C. picture of a pentagon, 5 vertices, pentagon

	<input type="text"/> vertices	<input type="text"/>
<input type="text"/>	<input type="text"/> vertices	<input type="text"/>

Various answers, for example: 5 vertices or more; fewer than 5 vertices

	<input type="text"/>	
	<input type="text"/>	<input type="text"/>
<input type="text"/>	rectangle	<input type="text"/>