



## Year 2 Worksheet 9: Geometry 2D Shapes

# Regular Polygons



Triangle



Quadrilateral



Pentagon



Hexagon



Heptagon



Octagon



Nonagon



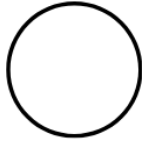
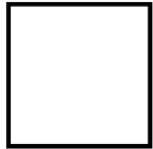
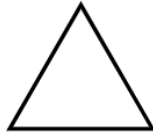
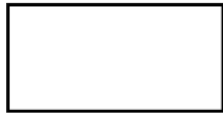
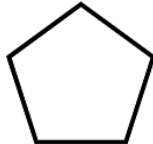


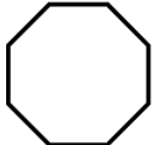
Decagon



Hendecagon








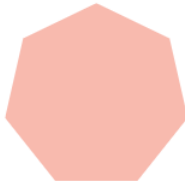






Question 1: Draw a line to connect the shape with its name.

	• rectangle
	• hexagon
	• pentagon
	• circle
	• triangle
	• oval
	• octagon
	• square



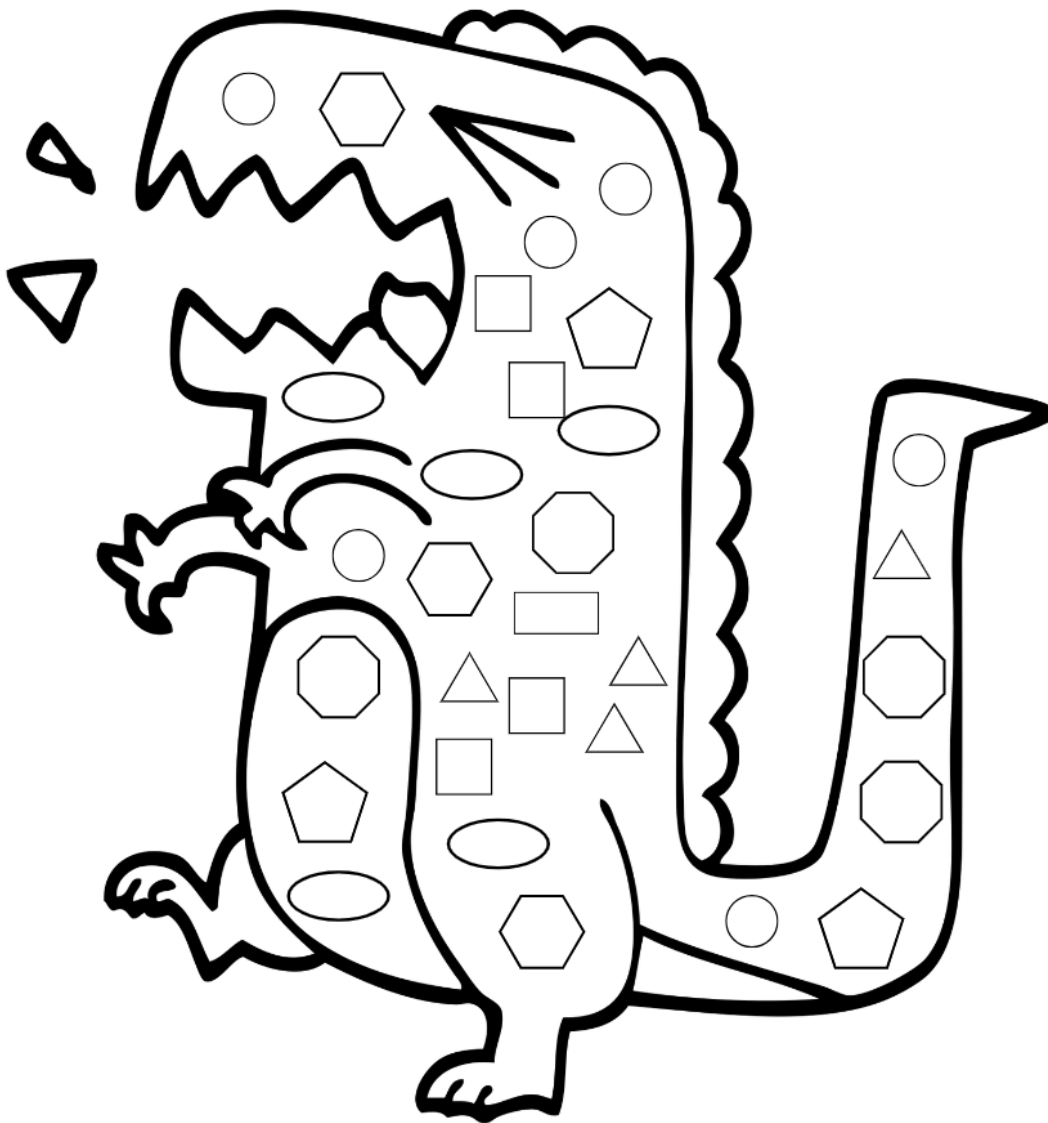
Question 2: Write the names of the 2D geometric shapes.

CIRCLE	TRIAPEZIUM	SQUARE	PENTAGON
OVAL	RECTANGLE	TRIANGLE	HEPTAGON
STAR	SEMICIRCLE	OCTAGON	HEXAGON









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Question 3: Color each shape with the color next to its name.





Color each shape with the color next to its name.

rectangle 	hexagon 	pentagon 	circle 
triangle 	oval 	octagon 	square 



Question 4: Count the edges and vertices of 2D shapes.

- **Vertices** are the corners or points of a shape.
- **Edges** are the lines that connect the corners of a shape.

Shape	Name	Edges	Vertices
			
			
			
			
			
			
			



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# Answer Key

Question 1: Draw a line to connect the shape with its name.






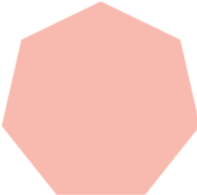






The image shows a matching exercise with eight shapes on the left and eight names on the right. Red lines connect each shape to its correct name:

- Circle is connected to circle.
- Square is connected to square.
- Triangle is connected to triangle.
- Rectangle is connected to rectangle.
- Pentagon is connected to pentagon.
- Hexagon is connected to hexagon.
- Oval is connected to oval.
- Octagon is connected to octagon.

Shape	Name
Circle	circle
Square	square
Triangle	triangle
Rectangle	rectangle
Pentagon	pentagon
Hexagon	hexagon
Oval	oval
Octagon	octagon










Question 2: Write the names of the 2D geometric shapes.

 TRIANGLE	 SQUARE	 RECTANGLE
 PENTAGON	 HEXAGON	 HEPTAGON
 OCTAGON	 TRIAPEZIUM	 STAR
 SEMICIRCLE	 OVAL	 CIRCLE





Question 4: Count the edges and vertices of 2D shapes.

Shape	Name	Number of Sides	Number of Vertices
	Triangle	<b>3</b>	<b>3</b>
	Square	<b>4</b>	<b>4</b>
	Rectangle	<b>4</b>	<b>4</b>
	Trapezoid	<b>4</b>	<b>4</b>
	Parallelogram	<b>4</b>	<b>4</b>
	Pentagon	<b>5</b>	<b>5</b>
	Hexagon	<b>6</b>	<b>6</b>