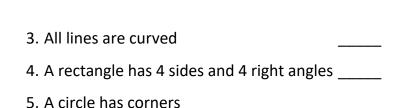
Basic Concepts of Geometry

A.	Choose the correct answer: 1. Which of the following is a closed figure made of straight lines?		
	a) Line	b) Curve	
	c) Triangle	d) Ray	
	2. A straight path that extends endlessly in both directions is cal		
	a) Line segment	b) Ray	
	c) Line	d) Angle	
	3. Which of the following has a fixed starting point but no end point		
	a) Line	b) Ray	
	c) Line segment	d) Point	
	4. The point where two lines meet is called a		
	a) Line	b) Vertex	
	c) Angle	d) Ray	
	5. A triangle has how many sides?		
	a) 2	b) 3	
	c) 4	d) 5	
В.	 Write the Missing Terms to Complete the Sentences: A has no length, breadth or thickness. A has two endpoints. A ray has one and extends endlessly in one direction. A is formed when two rays meet at a common point. 		
	5. A square hass	sides and	corners.
C. Mark each sentence with a True (✔) or			False (X):
	. A line segment has infinite length		
	2. A point is a basic concept in geometry		



D. Figure out the answers to these questions:

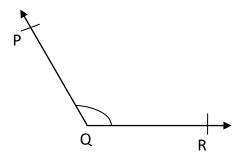
- 1. Draw a line segment AB and a ray CD.
- 2. Identify and name three objects around you that have a flat surface.
- 3. Write two differences between a line and a line segment.
- 4. Name any three plane shapes and write their number of sides.
- 5. Measure and draw an angle of 60 degrees using a protractor.

E. Challenge yourself with these questions:

- 1. Identify shapes from your classroom that are triangles, rectangles, or circles.
- 2. How many vertices, edges, and faces does a cube have?
- 3. Draw a square and label its sides and corners.
- 4. Classify the following shapes as 2D or 3D: cube, square, sphere, rectangle.
- 5. Observe and name different geometric shapes in traffic signs around you.

F. Write the vertex and arms for each of the following angles.

a.



h

