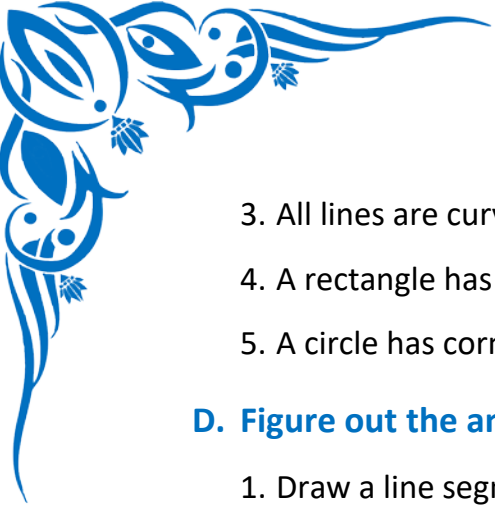


- # Basic Concepts of Geometry



3. All lines are curved _____
4. A rectangle has 4 sides and 4 right angles _____
5. A circle has corners _____

D. Figure out the answers to these questions:

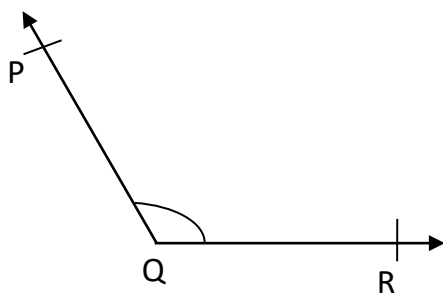
1. Draw a line segment AB and a ray CD.
2. Identify and name three objects around you that have a flat surface.
3. Write two differences between a line and a line segment.
4. Name any three plane shapes and write their number of sides.
5. Measure and draw an angle of 60 degrees using a protractor.

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.



b.

