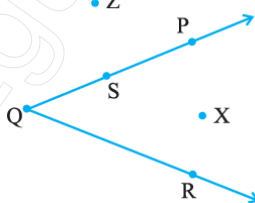


CBSE Worksheet-17

CLASS – VI Mathematics (Basic Geometrical Ideas)

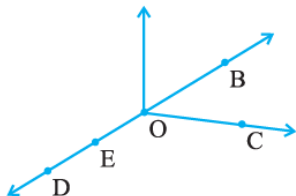
Choose correct option in questions 1 to 5.

- Which of them is not a line segment?
 - an edge of a box
 - a tube light
 - the edge of a post card
 - rail lines
- Which of them is a ray?
 - an edge of a box
 - sun rays
 - the edge of a post card
 - rail lines
- A figure is a _____ if it is a simple closed figure made up entirely of line segments.
 - line
 - line segment
 - polygon
 - ray
- An _____ is made up of two rays starting from a common end point.
 - line
 - line segment
 - ray
 - angle
- Point S is _____.
 - on the angle
 - in the interior of the angle
 - in the exterior of the angle
 - none of these



Fill in the blanks:

- The meeting point of a pair of sides is called a _____.
- The distance around the circle is the _____.
- A _____ contains a countless number of points.
- The line segments forming a polygon are called its _____.
- What are vertices and sides of an angle?
- Use the figure to name five line segments.



- What is a triangle and a quadrilateral?

Answer key:

1. d
2. b
3. c
4. d
5. a
6. vertex
7. circumference
8. line
9. sides

10. Vertex: The common end point is the vertex of the angle.
Sides: The two rays forming the angle are called the arms or sides of the angle.

11. DE, EO, OC, OB, OD

12. Triangle: A triangle is a three-sided polygon.
Quadrilateral: A quadrilateral is a four-sided polygon.