

A. Choose the correct option.

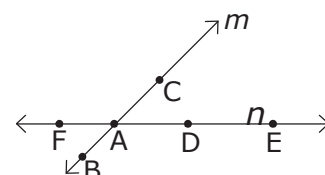
- 1) Three or more points that lie on a single line are called
 a) line points b)linear points c)collinear points d)coplanar points
- 2) The point where two sides of a polygon meet is called
 a) endpoint b)initial point c)centre d)vertex
- 3) The diameter is the longest of a circle.
 a) sector b)chord c)segment d)arc
- 4) A chord divides the circle into two
 a) sector b)semicircle c)segment d)arc
- 5) The distance from the centre to any point in the interior of the circle is the radius.
 a) more than b)equal to c)less than d)not related to

B. Fill in the blanks.

- 1).....line(s) can be drawn by joining two given points.
- 2) Two lines can havepoint(s) of intersection inclined to each other.
- 3) A.....is a closed figure drawn with only line segments.
- 4) In a..... curve, the line does not cross itself.
- 5) In a polygon, a pair of adjacent sides have ain common.
- 6) The line segment joining two points on a circle is called a.....
- 7) Ais exactly one-half of a circle.
- 8) A is a polygon with zero diagonals.
- 9) An angle measures the amount of..... from one arm to the other arm.
- 10) A sector of a circle has an arc and twoas its boundary.

C. Consider the given figure.

- 1) Name the two intersecting lines in at least three different ways and name their point of intersection.
- 2) Name any four points in the figure.
- 3) Name the four rays starting from the point A.



What is point A for them?

4) Name any three line segments in the figure.

D. Answer the following.

- 1) What is the difference between a ray and a line?
- 2) What is the difference between intersecting lines and parallel lines?
- 3) List three differences between a line and a line segment.
- 4) Give any three examples of line segments from your daily life .