Name _____   Roll No. _____
(Class-VI)   [Math SA-1]

Worksheet - 4

Class VI

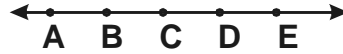## Chapter - 4 (Basic Geometrical Concepts)

1. Fill in the blank

    i)   Distance around a circle is its _____.

    ii) In given line

         $\overline{AC}$ = $\overline{AB}$ + _____

         $\overline{BC}$ = $\overline{BD}$ - ....

         <------•——•——•——•——•------>
                A   B   C   D   E

    iii) An angle is formed by two _____ with same initial points called vertex.

2. Match the following

    i)   a) Ray

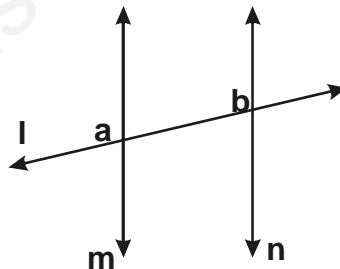   ii)   b) Line Segment

    iii)   c) Line

3. Name the intersecting pairs of line and points of intersection.

4. In the following figure, answer the questions :-

    i)   Name the diameter of circle _____.

    ii)   Name any radius of circle _____.
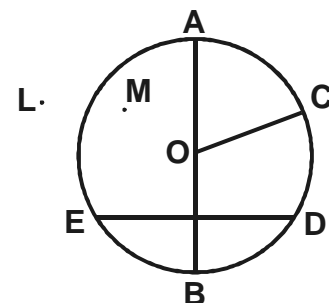
    iii) Name centre of the circle _____.

    iv)   Name chord of circle other than diameter _____.

    v)   One interior point in the circle _____.

    vi)   A point on the circle _____ .

    vii) Any exterior point of circle _____ .

Name _____   Roll No. _____
(Class-VI)   [Math SA-1]

Worksheet - 5

Class VI

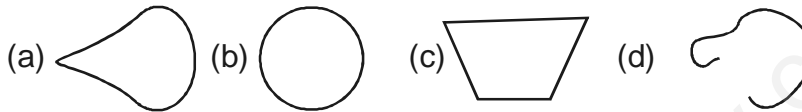## Chapter - 4 (Basic Geometrical Concepts)

1. Fill in the blank

    i)   A triangle is a sided polygon.

    ii) a quadrilateral is a _____ sided polygon.

    iii) from two points, a _____ can be drawn.

2. MCQ

    i)   Identify the open curve from the following :-

    (a) ⟨   (b) ◯   (c) ⬡   (d) ⟨

    ii) Identify the polygon from the figure :-

    iii) A pair of lines which don't intersect at any point :-   (a)   (b)   (c) ◯   (d) ◯
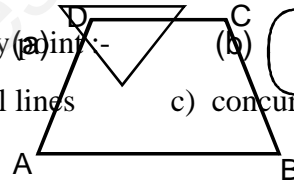
         a) Perpendicular lines   b) parallel lines   c) concurrent lines   d) none

    iv) A _____ is a mark of position.   A‾‾‾‾‾‾‾‾‾‾B
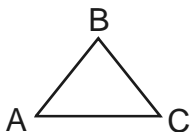
3. Here is a rough sketch of a quadrilateral ABCD.

    State

    i)   Two pairs of opposite sides _____.

    ii) Two pairs of adjacent angles _____ .

    iii) Two diagonals _____.

2. Name theangles in the triangle

    B
    △
    A‾‾‾C

    a)   ∠ ABC   b) _____,   c) _____.