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WORKSHEET 9

NAME

YEAR 9 BASIC TECHNOLOGY

LESSON NOTES

Circle- is a plane figure bounded by continuously curved line called circumference, every point which is equidistant from a point within a circle, called the center.

Parts of a circle

Arc – It is basically the connected curve of a circle.

Sector – A region bounded by two radii and an arc.

Segment- A region bounded by a chord and an arc lying between the chord's endpoints. It is to be noted that segments do not contain the center.

Centre – It is the midpoint of a circle.

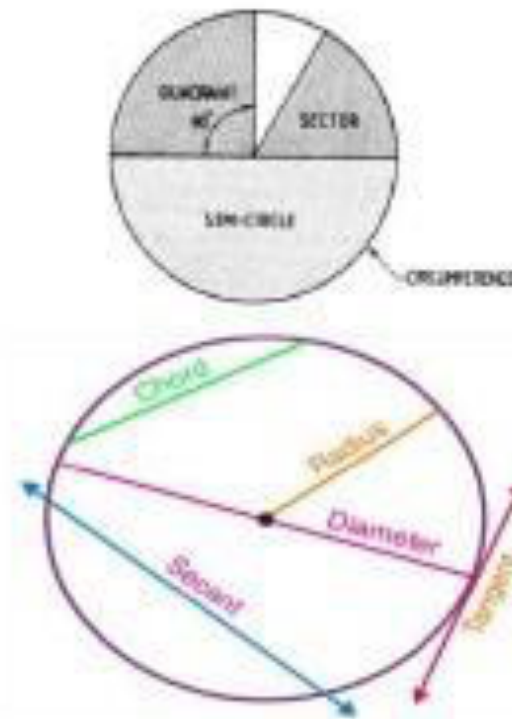
Chord- A line segment whose endpoints lie on the circle.

Diameter- A line segment having both the endpoints on the circle and is the largest chord of the circle.

Radius- A line segment connecting the center of a circle to any point on the circle itself.

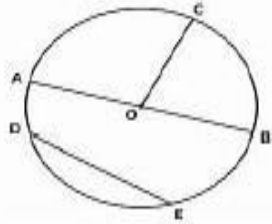
Secant- A straight line cutting the circle at two points. It is also called an extended chord.

Tangent- A coplanar straight line touching the circle at a single point.



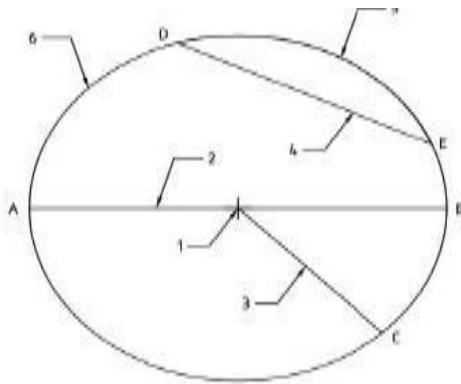
ACTIVITY

1. Label the parts of the circles.



AB _____ DE _____ OC _____

2 Marks Each



- 1 _____
- 2 _____
- 3 _____
- 4 _____
- 5 _____
- 6 _____

1 Mark Each