

A Circle is the set of all points in a plane that are connected and equidistance from a fixed point of the circle called the center of the circle.

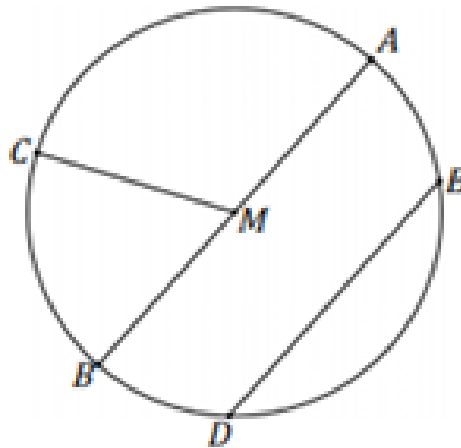
A circle is usually named by its center O .

Any segment with an endpoint at the center and an endpoint on the circle is a radius.

Any segment with endpoints that are on the circle is a Chord of the circle.

A chord that passes through the center is a diameter of the circle, and it measures twice the radius.

Practice:



Identify the parts of the circle in each space provided below.

Center	M
Radius	\overline{CM} , \overline{AM} , \overline{MB}
Chord	\overline{DE} , \overline{BA}
Diameter	\overline{BA}

If the diameter of circle M is 10 millimeters, what is the length of the radius of circle M?

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