

## Circles

A **circle** is a closed figure that is not a polygon. All of the points on the circle are the same distance from the **center** of the circle.

A circle is named by its center.

The circle on the right is named \_\_\_\_\_.

A **chord** is a line segment that connects two points on a circle.

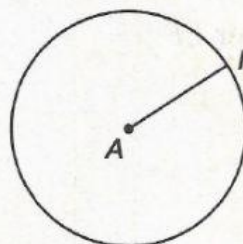
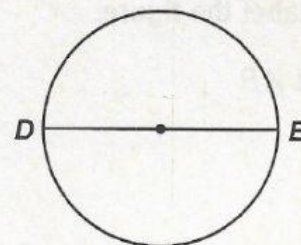
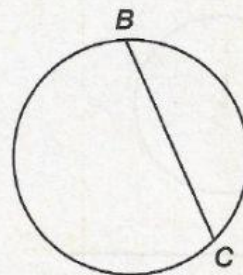
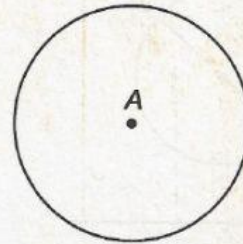
Segment  $BC$  is a \_\_\_\_\_.

A **diameter** is a chord that passes through the center of the circle.

Segment  $DE$  is a \_\_\_\_\_ and a \_\_\_\_\_.

A **radius** is a line segment that connects the center of the circle to any point on the circle.

Segment  $AF$  is a \_\_\_\_\_.



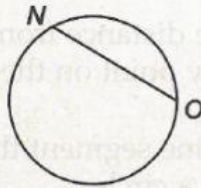
## Getting Started

Identify and name the part of the circle.

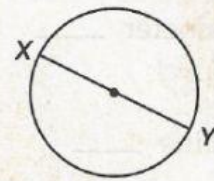
1.



2.



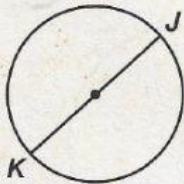
3.



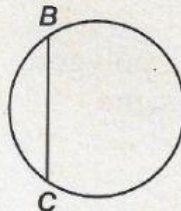
## Practice

Identify and name the part of the circle.

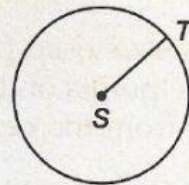
1.



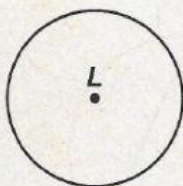
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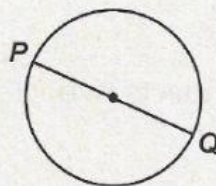
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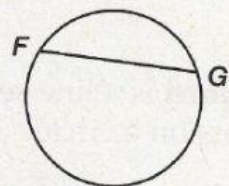
4.



5.



6.



Match the part of the circle to its definition.

11. chord \_\_\_\_\_

12. diameter \_\_\_\_\_

13. radius \_\_\_\_\_

a. a chord that passes through the center of a circle

b. the distance from the center of a circle to any point on the circle

c. a line segment that connects two points on a circle