

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.

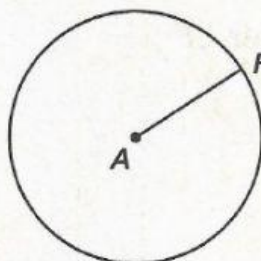
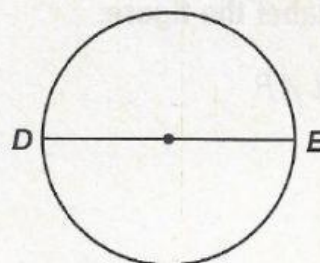
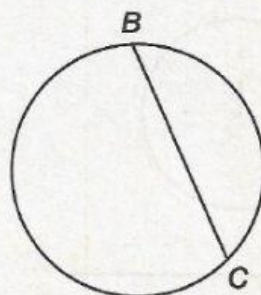
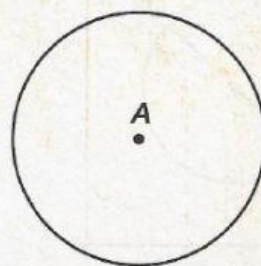
Segment BC is a _____.

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.

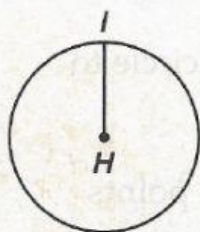
Segment AF is a _____.



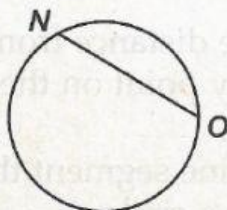
Getting Started

Identify and name the part of the circle.

1.



2.



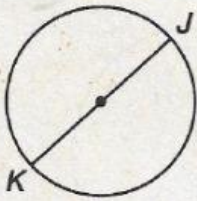
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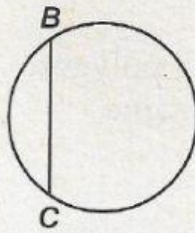
Practice

Identify and name the part of the circle.

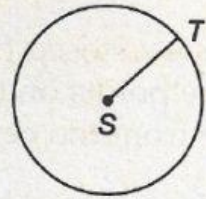
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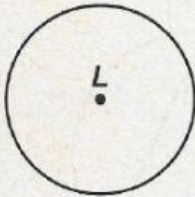
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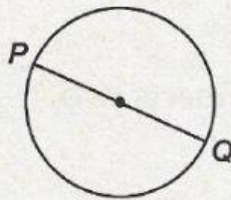
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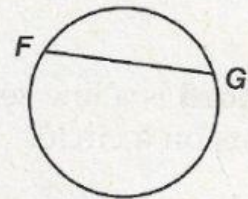
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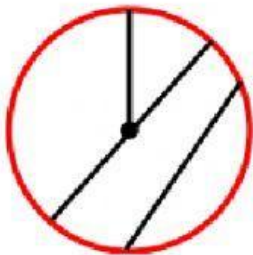
5.



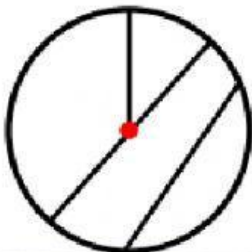
6.



Circle the word that represents the red part of the circle



radius
diameter
center
circumference
chord



radius
diameter
center
circumference
chord

Match the part of the circle to its definition.

11. chord _____

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

12. diameter _____

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

13. radius _____

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