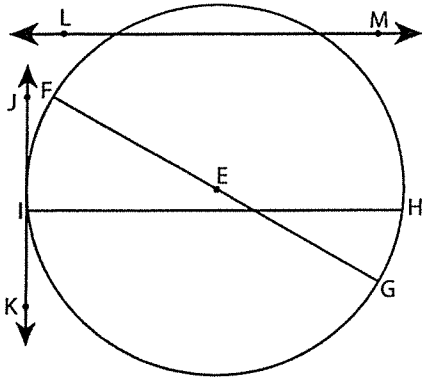


**Parts of Circle**

Moderate: S1

Identify the parts of each circle.

1)

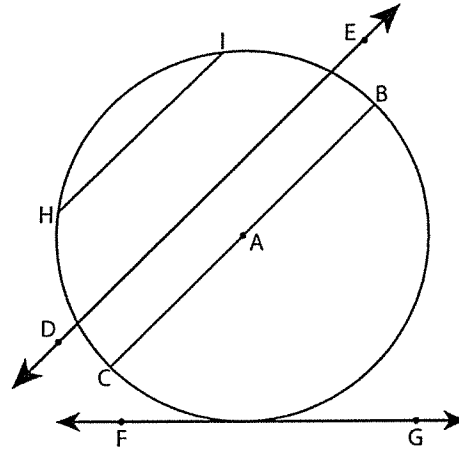


Circle = \_\_\_\_\_ Chord = \_\_\_\_\_

Radius = \_\_\_\_\_ Tangent = \_\_\_\_\_

Diameter = \_\_\_\_\_ Secant = \_\_\_\_\_

2)

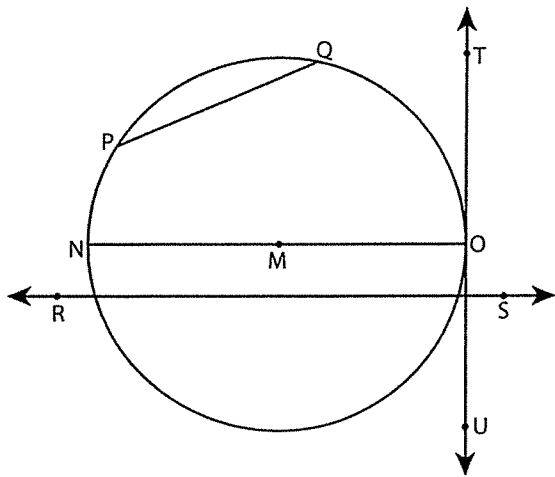


Circle = \_\_\_\_\_ Chord = \_\_\_\_\_

Radius = \_\_\_\_\_ Tangent = \_\_\_\_\_

Diameter = \_\_\_\_\_ Secant = \_\_\_\_\_

3)

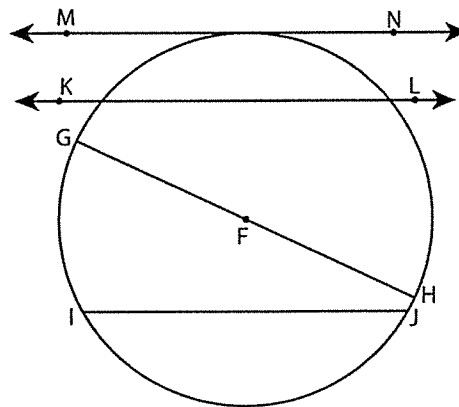


Circle = \_\_\_\_\_ Chord = \_\_\_\_\_

Radius = \_\_\_\_\_ Tangent = \_\_\_\_\_

Diameter = \_\_\_\_\_ Secant = \_\_\_\_\_

4)



Circle = \_\_\_\_\_ Chord = \_\_\_\_\_

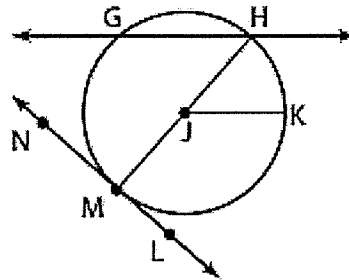
Radius = \_\_\_\_\_ Tangent = \_\_\_\_\_

Diameter = \_\_\_\_\_ Secant = \_\_\_\_\_

1. Sketch a circle. Then sketch and label a radius, a diameter, a chord, and a tangent.

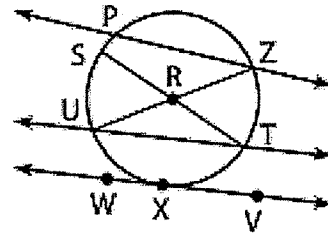
Match the part of the circle with the term that best describes it.

- |                              |                      |
|------------------------------|----------------------|
| 2. GH                        | A. Center            |
| 3. M                         | B. Chord             |
| 4. MJ                        | C. Diameter          |
| 5. J                         | D. Radius            |
| 6. MH                        | E. Point of tangency |
| 7. $\overleftrightarrow{GH}$ | F. Secant            |

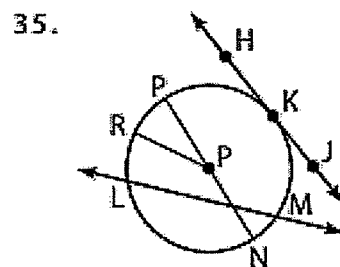
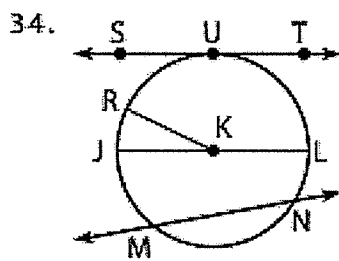
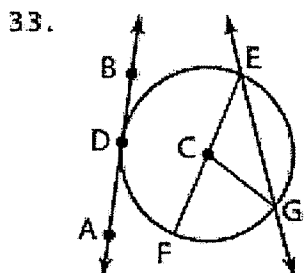


Identifying Terms Tell whether the line or segment is best described as a chord, a secant, a tangent, a diameter, or a radius.

- |        |        |
|--------|--------|
| 27. PZ | 28. SR |
| 29. ST | 30. PZ |
| 31. VW | 32. TU |



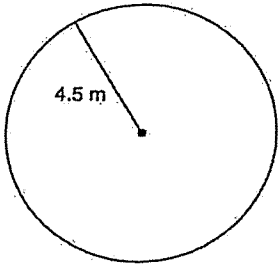
Identifying Terms Identify a chord, a secant, a diameter, a radius, and a point of tangency.



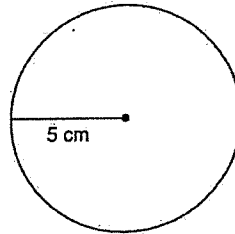
Circles

Find the circumference of each circle. Round to the nearest tenth.

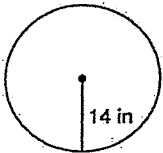
1)



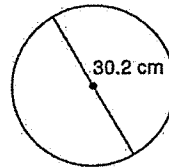
2)



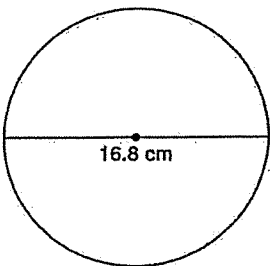
3)



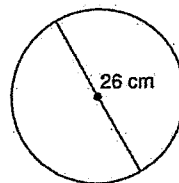
4)



5)



6)

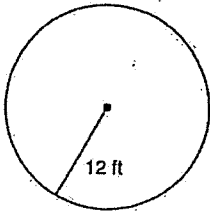


7) radius = 12 yd

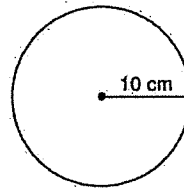
8) radius = 5.5 mi

Find the area of each. Round to the nearest tenth.

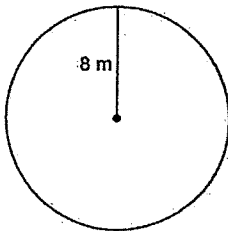
9)



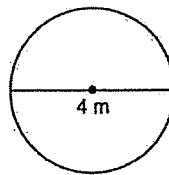
10)



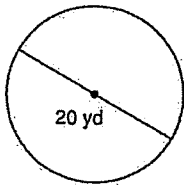
11)



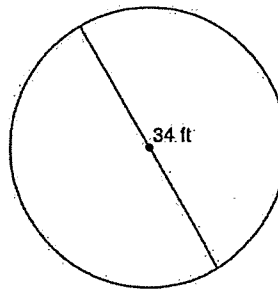
12)



13)



14)



15) radius = 8 ft

16) radius = 5 cm

Find the diameter of each circle.

17) area =  $4\pi$  in<sup>2</sup>

18) area =  $49\pi$  yd<sup>2</sup>

19) circumference =  $162\pi$  yd

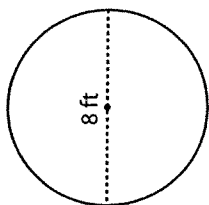
20) circumference =  $30\pi$  yd

**Area & Circumference**

Easy: S1

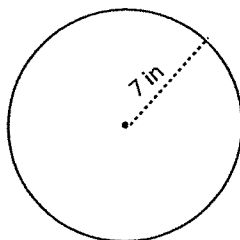
Find the exact area and circumference of each circle.

1)



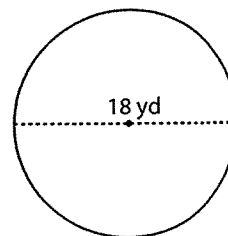
Radius = \_\_\_\_\_  
 Diameter = \_\_\_\_\_  
 Area = \_\_\_\_\_  
 Circumference = \_\_\_\_\_

2)



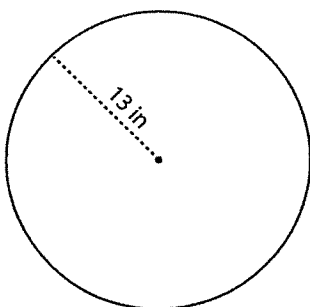
Radius = \_\_\_\_\_  
 Diameter = \_\_\_\_\_  
 Area = \_\_\_\_\_  
 Circumference = \_\_\_\_\_

3)



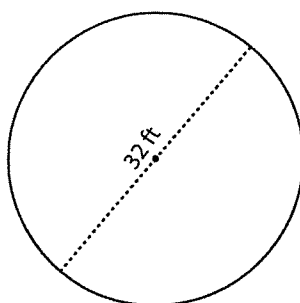
Radius = \_\_\_\_\_  
 Diameter = \_\_\_\_\_  
 Area = \_\_\_\_\_  
 Circumference = \_\_\_\_\_

4)



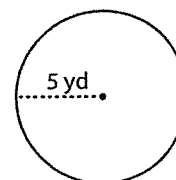
Radius = \_\_\_\_\_  
 Diameter = \_\_\_\_\_  
 Area = \_\_\_\_\_  
 Circumference = \_\_\_\_\_

5)



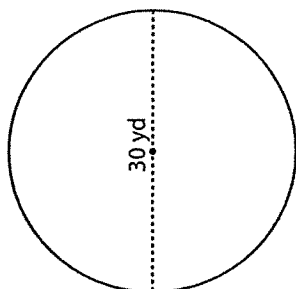
Radius = \_\_\_\_\_  
 Diameter = \_\_\_\_\_  
 Area = \_\_\_\_\_  
 Circumference = \_\_\_\_\_

6)



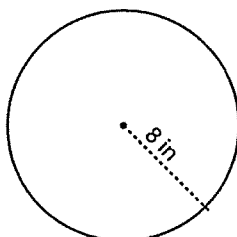
Radius = \_\_\_\_\_  
 Diameter = \_\_\_\_\_  
 Area = \_\_\_\_\_  
 Circumference = \_\_\_\_\_

7)



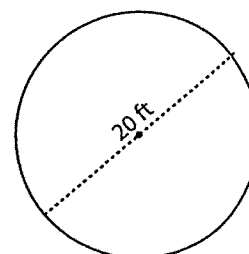
Radius = \_\_\_\_\_  
 Diameter = \_\_\_\_\_  
 Area = \_\_\_\_\_  
 Circumference = \_\_\_\_\_

8)



Radius = \_\_\_\_\_  
 Diameter = \_\_\_\_\_  
 Area = \_\_\_\_\_  
 Circumference = \_\_\_\_\_

9)



Radius = \_\_\_\_\_  
 Diameter = \_\_\_\_\_  
 Area = \_\_\_\_\_  
 Circumference = \_\_\_\_\_

