

Recalling The Basics HW

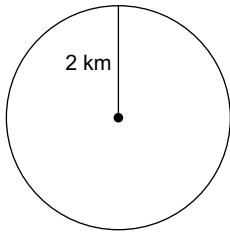
Find the radius of each circle. Round your answer to the nearest tenth.

1) diameter = 19.6 cm

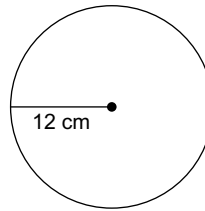
2) diameter = 4 cm

Find the diameter of each circle.

3)

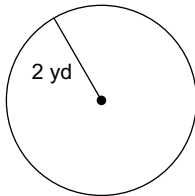


4)

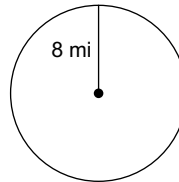


Find the area of each.

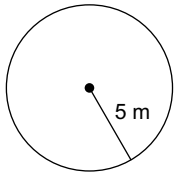
5)



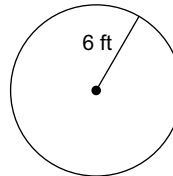
6)



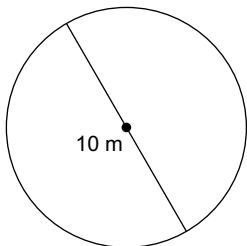
7)



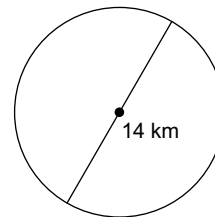
8)



9)

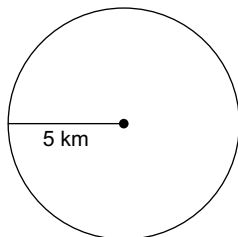


10)

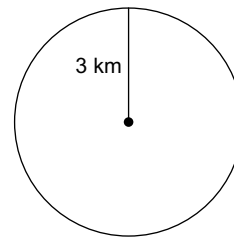


Find the circumference of each circle.

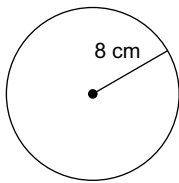
11)



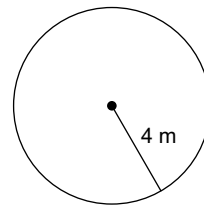
12)



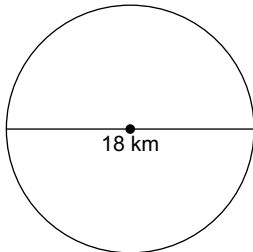
13)



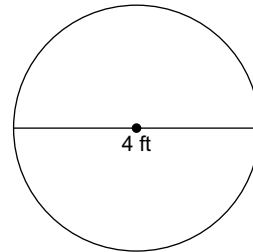
14)



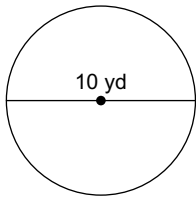
15)



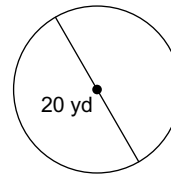
16)



17)

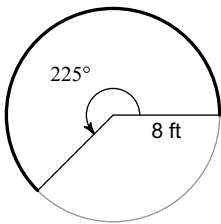


18)

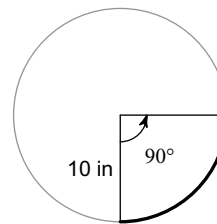


Find the length of each arc.

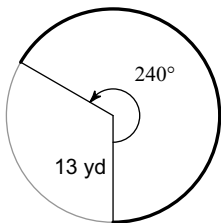
19)



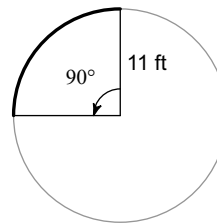
20)



21)

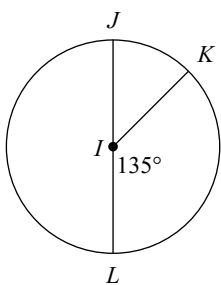


22)

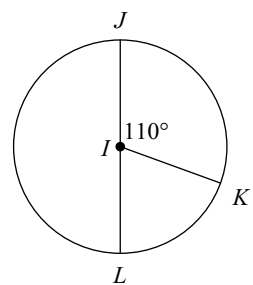


Find the measure of the arc or central angle indicated. Assume that lines which appear to be diameters are actual diameters.

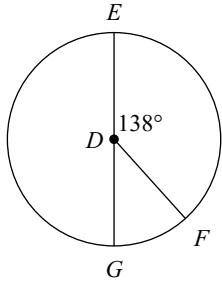
23) $m\angle JIK$



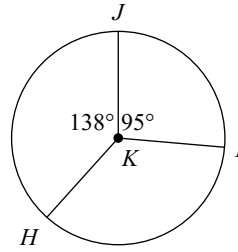
24) $m\angle KIL$



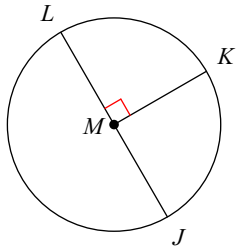
25) $m\angle FDG$



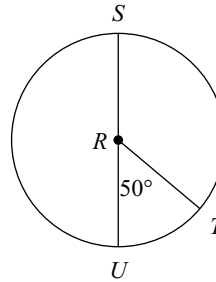
26) $m\angle IKH$



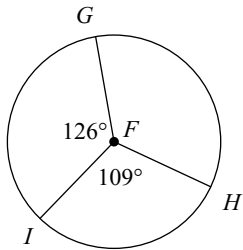
27) $m\angle KMJ$



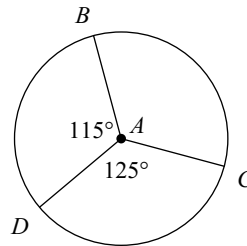
28) $m\angle SRT$



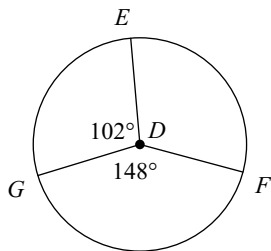
29) $m\angle GFH$



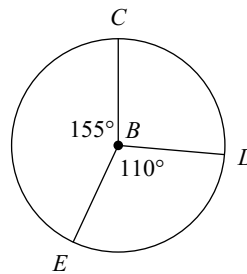
30) $m\angle BAC$



31) $m\angle EDF$

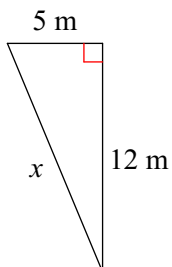


32) $m\angle CBD$

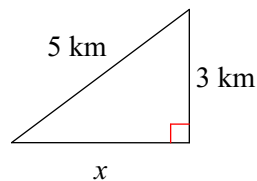


Find the missing side of each triangle. Round your answers to the nearest tenth if necessary.

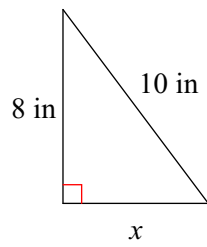
33)



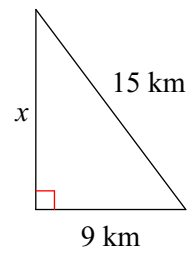
34)



35)

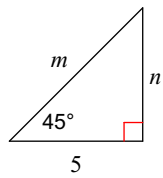


36)

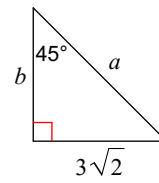


Find the missing side lengths. Leave your answers as radicals in simplest form.

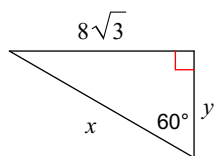
37)



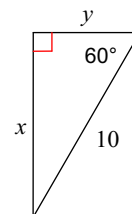
38)



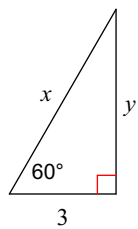
39)



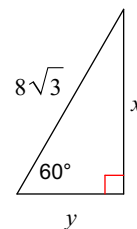
40)



41)



42)



Recalling The Basics HW

Find the radius of each circle. Round your answer to the nearest tenth.

1) diameter = 19.6 cm

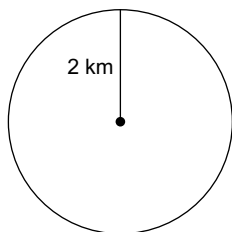
9.8 cm

2) diameter = 4 cm

2 cm

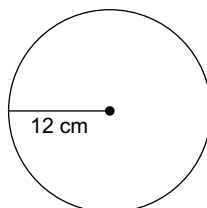
Find the diameter of each circle.

3)



4 km

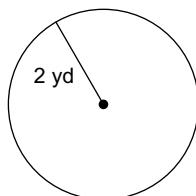
4)



24 cm

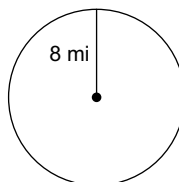
Find the area of each.

5)



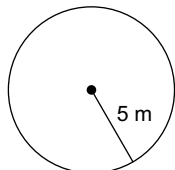
$4\pi \text{ yd}^2$

6)



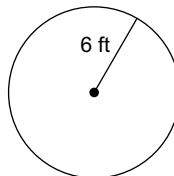
$64\pi \text{ mi}^2$

7)



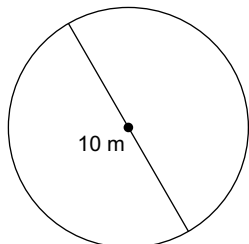
$25\pi \text{ m}^2$

8)



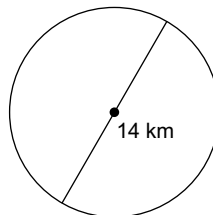
$36\pi \text{ ft}^2$

9)



$25\pi \text{ m}^2$

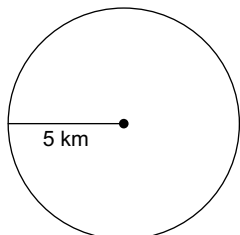
10)



$49\pi \text{ km}^2$

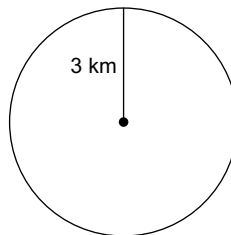
Find the circumference of each circle.

11)



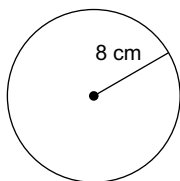
$10\pi \text{ km}$

12)

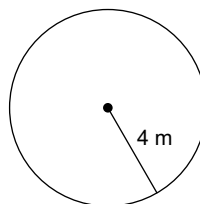


$6\pi \text{ km}$

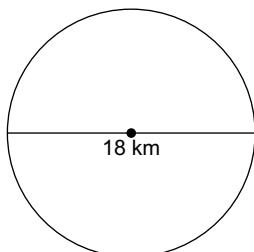
13) 16π cm



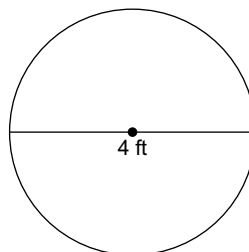
14) 8π m



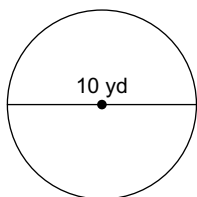
15) 18π km



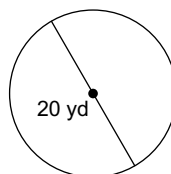
16) 4π ft



17) 10π yd

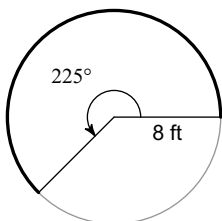


18) 20π yd

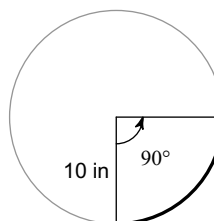


Find the length of each arc.

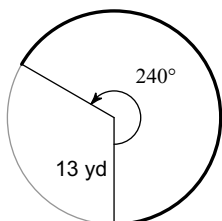
19) 10π ft



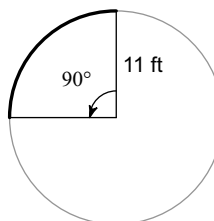
20) 5π in



21) $\frac{52\pi}{3}$ yd

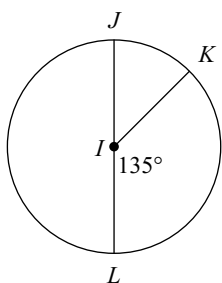


22) $\frac{11\pi}{2}$ ft

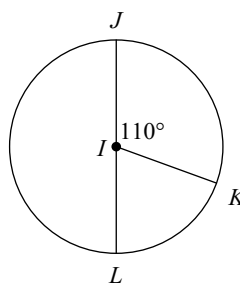


Find the measure of the arc or central angle indicated. Assume that lines which appear to be diameters are actual diameters.

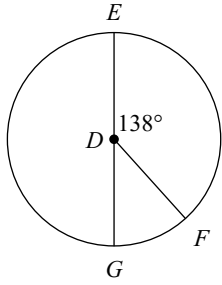
23) $m\angle JIK$ 45°



24) $m\angle KIL$ 70°

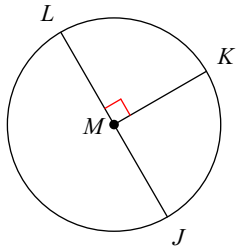


25) $m\angle FDG$



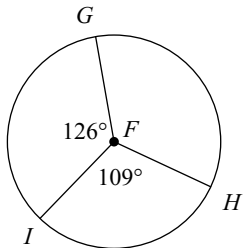
42°

27) $m\angle KMJ$



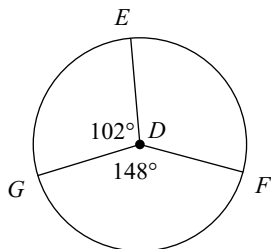
90°

29) $m\angle GFH$



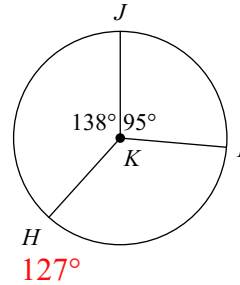
125°

31) $m\angle EDF$



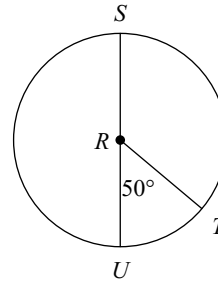
110°

26) $m\angle IKH$



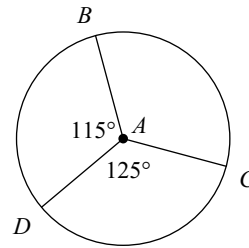
127°

28) $m\angle SRT$



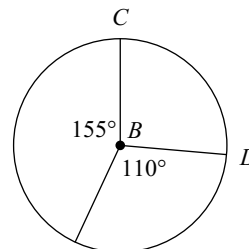
130°

30) $m\angle BAC$



120°

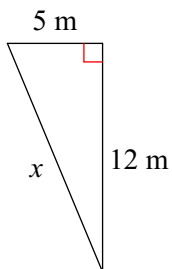
32) $m\angle CBD$



95°

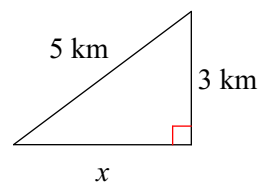
Find the missing side of each triangle. Round your answers to the nearest tenth if necessary.

33)



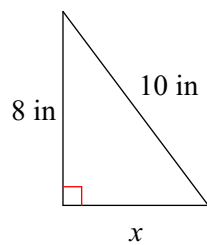
13 m

34)



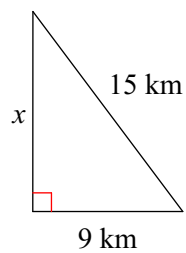
4 km

35)



6 in

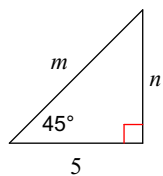
36)



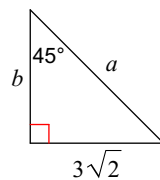
12 km

Find the missing side lengths. Leave your answers as radicals in simplest form.

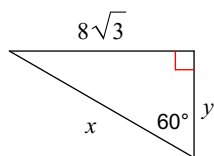
37)


 $m = 5\sqrt{2}, n = 5$

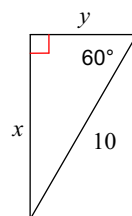
38)


 $a = 6, b = 3\sqrt{2}$

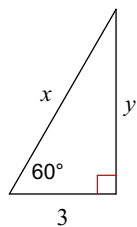
39)


 $x = 16, y = 8$

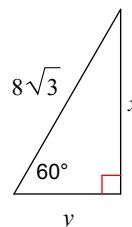
40)


 $x = 5\sqrt{3}, y = 5$

41)


 $x = 6, y = 3\sqrt{3}$

42)


 $x = 12, y = 4\sqrt{3}$