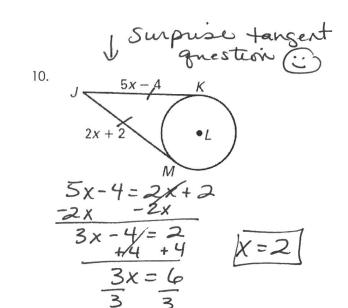
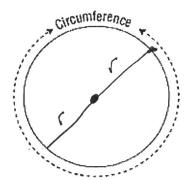
9. $x^2 = 2(6+2)$ $x^2 = 2(8)$ $x^2 = 16$



Arc Length

In 7th grade, you learned how to calculate the circumference of a circle. You also learned that the circumference of a circle divided by the diameter is equal to pi. The circumference of a circle is the distance around the circle.



diameter=Zradii

Circumference
$$C = 2\pi r$$
 or $C = \pi d$

Practice reviewing how to calculate the circumference or radius/diameter of a circle below. Leave your answers in terms of pi. Find the circumference, radius, or diameter.

B.
$$d = 15 in$$

C.
$$C = 16\pi cn$$

D.
$$C = 40 \pi m$$

$$d=2(6)=12f4$$
.

$$\Gamma = \frac{15}{2} = 7.5 in$$
 $C = TId$

$$d=16cm$$
 $r=\frac{40}{2}=20m$ $r=\frac{16}{2}=8cm$