

Chapter 9-8 1/4/07

SWBAT: Find perimeter
or circumference of
a figure.

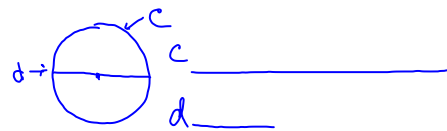
Perimeter - the distance
around a figure.

Circumference - is the
distance around a
circle

formula $C = \pi \times d$
 $= \pi d$

$$P_i = \pi$$

is a Ratio (fraction)
compares the circumference
to the diameter

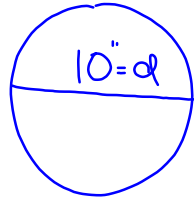


$$\pi = \frac{22}{7} = 3.142857143$$
$$= 3.14$$

means the circumference
is @ 3 times Bigger
than the diameter.

Find C given d

$$C = \pi \times d$$



$$C = 3.14 \times 10''$$

$$C = 31.4''$$

If you're given
Circumference find
the diameter

$$C = \pi \times d$$

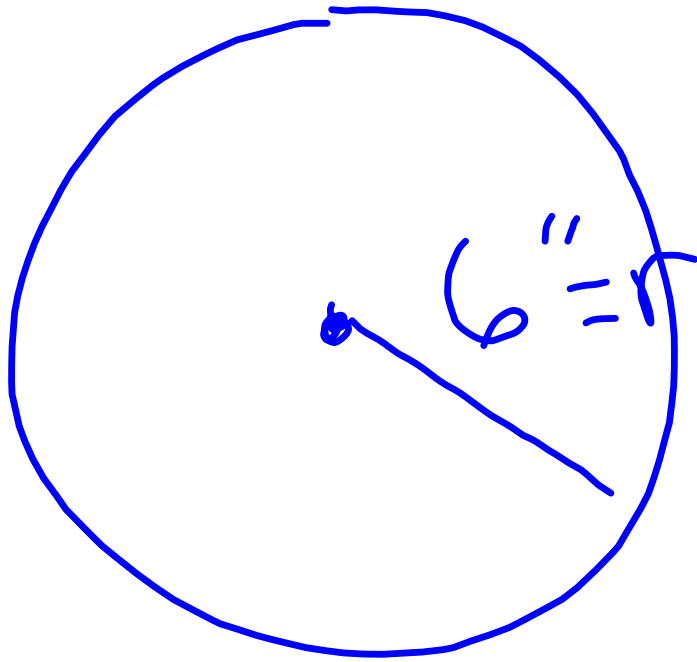
$$30' = 3.14 \times d$$

$$30 \div 3.14 = d$$

$$9.55 = d$$

$$C = \frac{30'}{\quad}$$

$$d = \underline{\underline{9.55'}}$$



$$d = 2r$$

$$d = 2 \times 6$$
$$d = 12$$

$$C = 3.14 \times 12$$

$$\frac{9}{7} = \frac{36}{x}$$

$$7 \times 36 = 9x$$

$$252 = 9x$$

$$28 = x$$

$$\frac{9}{12} = \frac{36}{y}$$

$$432 = 9y$$

$$48 = y$$

$$\frac{9}{7} = \frac{36}{x}$$

$$9x = 252$$

$$x = 28$$

$$\frac{9}{12} = \frac{36}{5}$$

- 1.) Pencil Only
- 2.) Heading
Name, DT, Assign#
- 3.) Write out
Problems
- 4.) Show your
work!