May 25, 2011

Happy Birthday, Cookie Monster!!

Today's Agenda ~
Notes on circles
Finish tests

Homework: Purple worksheet - Circles

Circles

Do you remember the formulas for…

Diameter = $2r = r + r$
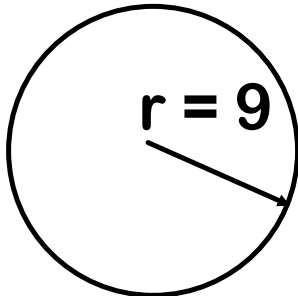
Circumference = $d\pi = 2r\pi$
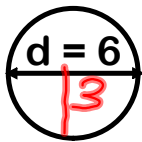
Area = πr^2

A few practice problems...

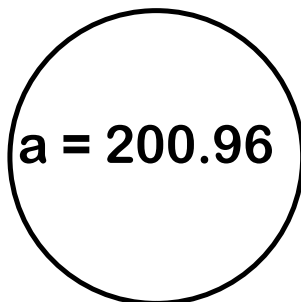Calculate the area and circumference of each circle.
(Use the π key or 3.14.)

r = 9

Area = $\pi \cdot r^2 = \pi \cdot 9^2 = 254.34$

Circumference = $d \cdot \pi = 2 \cdot r \cdot \pi$
$= 2 \cdot 9 \cdot \pi = 56.52$

d = 6
3

Area = $\pi \cdot r^2 = \pi \cdot 3^2 = 28.26$

Circumference = $d \pi = 6 \pi = 18.84$

a = 200.96

Radius = 8

Diameter = $2r = 8 \cdot 2 = 16$

Circumference = $2 r \pi = 16 \pi = 50.24$

$Area = \pi r^2 = \dfrac{200.96}{\pi}$

$\sqrt{r^2} = \sqrt{64}$
$r = 8$

Time to finish the test or
work on the homework.

Everyone must be SILENT.

The purple worksheet is due tomorrow, even if you haven't finished the test.

After getting the tests back to those who still need to finish,
and after handing out the homework worksheet,
<u>then</u> I will hand back the tests to everyone who finished yesterday.
We will talk <u>tomorrow</u> about how to improve your scores.