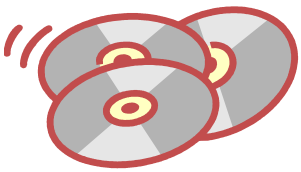
Name _____ Period_____

Circles

Finding Circumference



1. Measure the diameter of the CD (in centimeters).

2. Measure the circumference of the CD (in centimeters) – you are not using a formula; you need to figure out a way to measure the circumference.

3. Find the ratio of the circumference to the diameter:

   C/D =

4. Find the circumference using the formula $C = \pi d$

5. How close was your measured circumference to what you found using the formula?

Finding Area

6. Find the area of the CD using the formula $A = \pi r^2$.

7. Use the formula to find the circumference of the small hole in the center of the CD.

8. Find the area of the small hole in the center of the CD.

9. Find the area of the actual CD (that means not including the small hole).