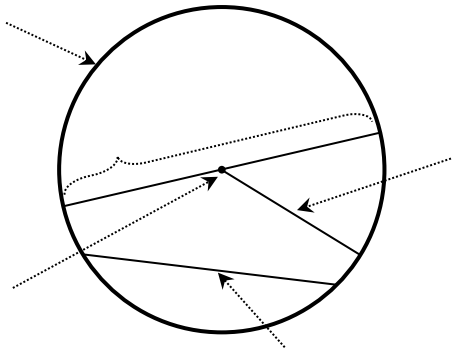
Name_____ Date_____

Geometry – Circumference of Circles

1) Name the parts of the circle



2) Complete the following:

$\sqrt{1}$ =_____ $\sqrt{64}$ =_____

$\sqrt{4}$ =_____ $\sqrt{81}$ =_____

$\sqrt{9}$ =_____ $\sqrt{100}$ =_____

$\sqrt{16}$ =_____ $\sqrt{121}$ =_____

$\sqrt{25}$ =_____ $\sqrt{144}$ =_____

$\sqrt{36}$ =_____ $\sqrt{169}$ =_____

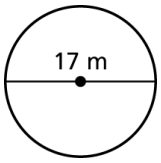
$\sqrt{49}$ =_____ $\sqrt{196}$ =_____

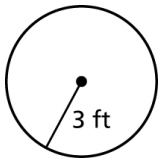
Complete the following:

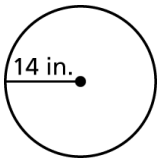
3) To find the circumference of a circle, you would use the formula _____ .

4) To find the area of a circle, you would use the formula _____ .

Find the circumference of the circle. Use 3.14 or $\frac{22}{7}$ for π.

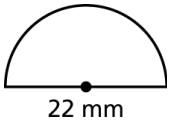
5) 

6) 

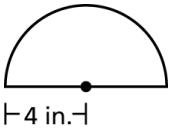
7) 

Find the perimeter of the semicircular region.

8)



9)



Complete the following. Show all algebraic work.

10) Find the circumference of a circular hot tub that has a diameter of 12 feet.

11) Find the circumference of a circle that has a *radius* of 4.5 feet.

12) Find the circumference of a circle that has a diameter of 6.2 feet.

13) Find the *diameter* of a circle that has a circumference of 25.12 ft.