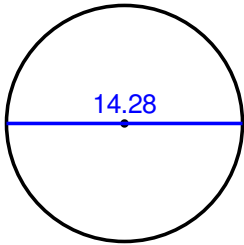


Area of a Circle

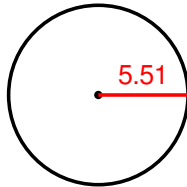
Date _____ Period _____

Find the area of each circle. Use $\pi = 3.14$. Round to the nearest tenth.

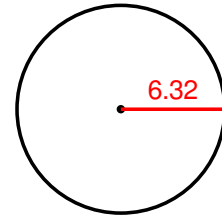
1)



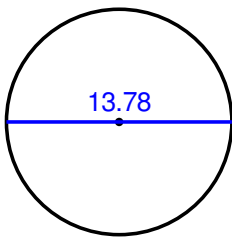
2)



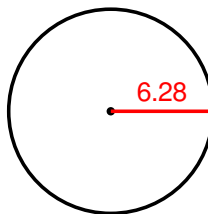
3)



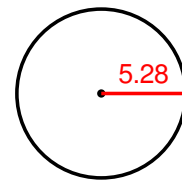
4)



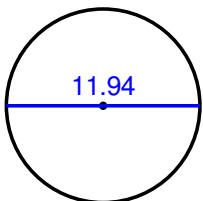
5)



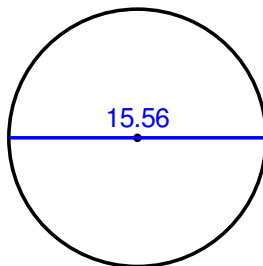
6)



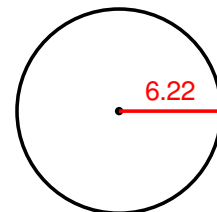
7)



8)

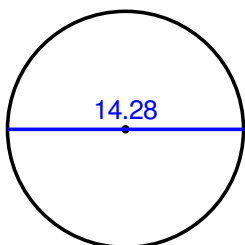


9)

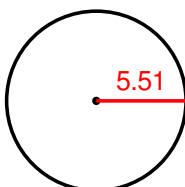


Find the area of each circle. Use $\pi = 3.14$. Round to the nearest tenth.

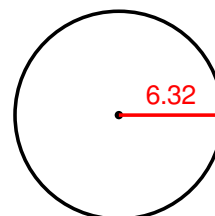
1)

**Answer: 160.08**

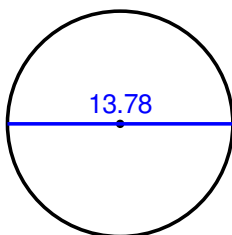
2)

**Answer: 95.33**

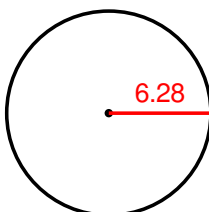
3)

**Answer: 125.42**

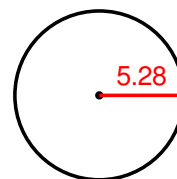
4)

**Answer: 149.06**

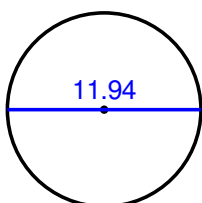
5)

**Answer: 123.84**

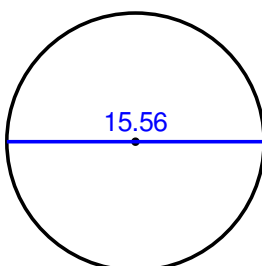
6)

**Answer: 87.54**

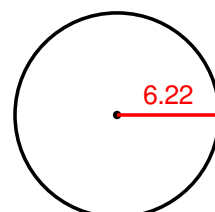
7)

**Answer: 111.91**

8)

**Answer: 190.06**

9)

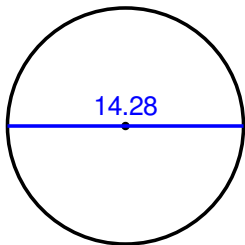
**Answer: 121.48**

Area of a Circle

Date _____ Period _____

Solution Steps

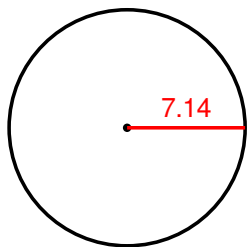
1)



$$\text{Radius} = \frac{\text{Diameter}}{2}$$

$$\text{Radius} = \frac{14.28}{2}$$

$$\text{Radius} = 7.14$$

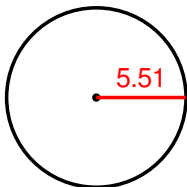


$$\text{Area} = \pi * (\text{Radius})^2$$

$$\text{Area} = 3.14 * 50.9796$$

$$\text{Area} = 160.08$$

2)

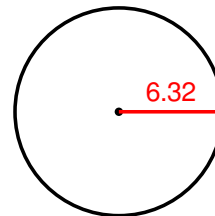


$$\text{Area} = \pi * (\text{Radius})^2$$

$$\text{Area} = 3.14 * 30.3601$$

$$\text{Area} = 95.33$$

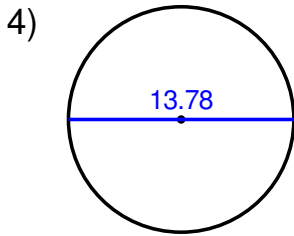
3)



$$\text{Area} = \pi * (\text{Radius})^2$$

$$\text{Area} = 3.14 * 39.9424$$

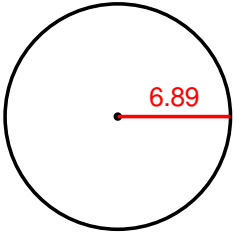
$$\text{Area} = 125.42$$



$$\text{Radius} = \frac{\text{Diameter}}{2}$$

$$\text{Radius} = \frac{13.78}{2}$$

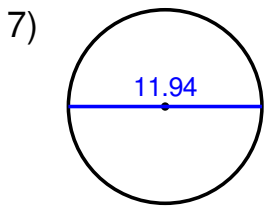
$$\text{Radius} = 6.89$$



$$\text{Area} = \pi * (\text{Radius})^2$$

$$\text{Area} = 3.14 * 47.4721$$

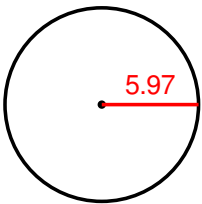
$$\text{Area} = 149.06$$



$$\text{Radius} = \frac{\text{Diameter}}{2}$$

$$\text{Radius} = \frac{11.94}{2}$$

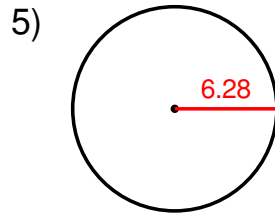
$$\text{Radius} = 5.97$$



$$\text{Area} = \pi * (\text{Radius})^2$$

$$\text{Area} = 3.14 * 35.6409$$

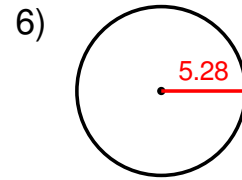
$$\text{Area} = 111.91$$



$$\text{Area} = \pi * (\text{Radius})^2$$

$$\text{Area} = 3.14 * 39.4384$$

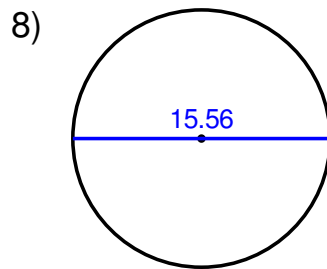
$$\text{Area} = 123.84$$



$$\text{Area} = \pi * (\text{Radius})^2$$

$$\text{Area} = 3.14 * 27.8784$$

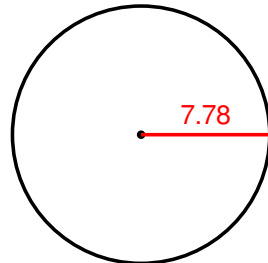
$$\text{Area} = 87.54$$



$$\text{Radius} = \frac{\text{Diameter}}{2}$$

$$\text{Radius} = \frac{15.56}{2}$$

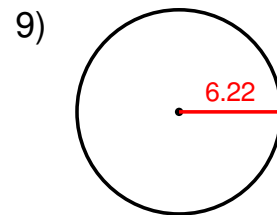
$$\text{Radius} = 7.78$$



$$\text{Area} = \pi * (\text{Radius})^2$$

$$\text{Area} = 3.14 * 60.5284$$

$$\text{Area} = 190.06$$



$$\text{Area} = \pi * (\text{Radius})^2$$

$$\text{Area} = 3.14 * 38.6884$$

$$\text{Area} = 121.48$$