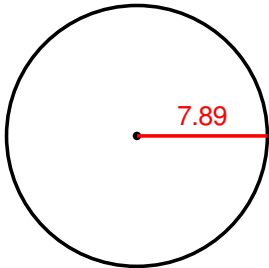


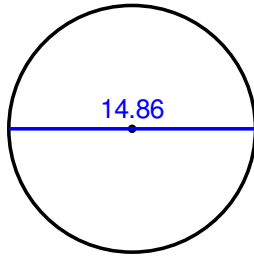
Area of a Circle

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

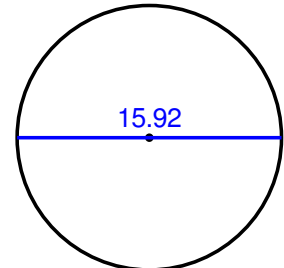
1)



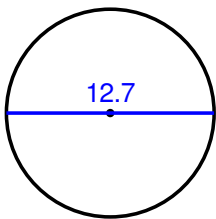
2)



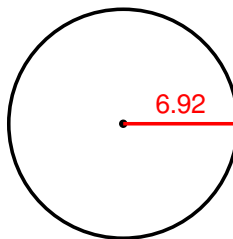
3)



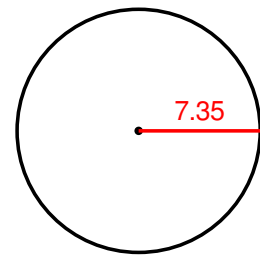
4)



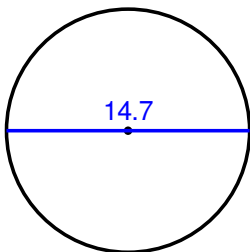
5)



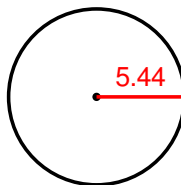
6)



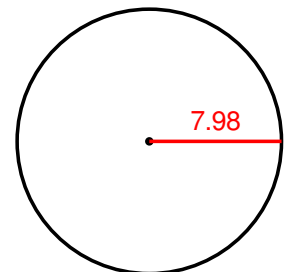
7)



8)

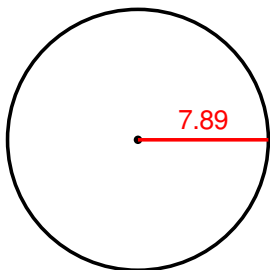


9)

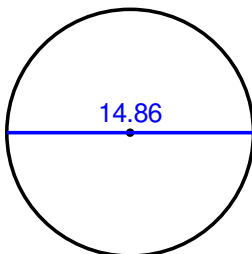


Find the area of each circle. Use $\pi = 3.14$. Round to the nearest tenth.

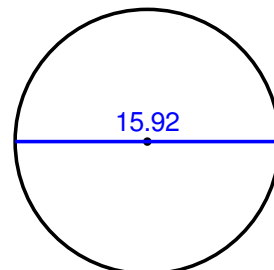
1)

**Answer: 195.47**

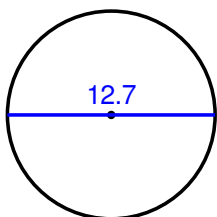
2)

**Answer: 173.34**

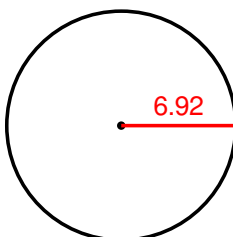
3)

**Answer: 198.96**

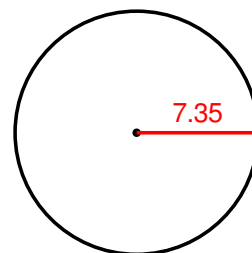
4)

**Answer: 126.61**

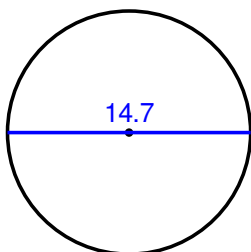
5)

**Answer: 150.36**

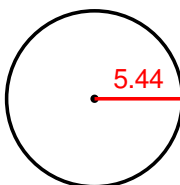
6)

**Answer: 169.63**

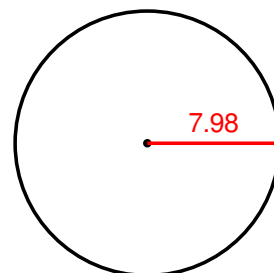
7)

**Answer: 169.63**

8)

**Answer: 92.92**

9)

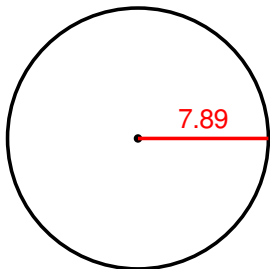
**Answer: 199.96**

Area of a Circle

Date _____ Period _____

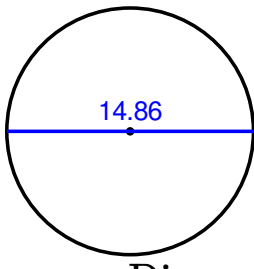
Solution Steps

1)

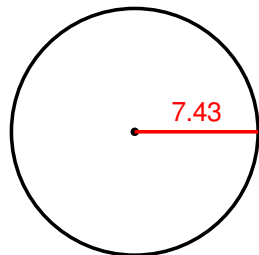


$$\begin{aligned} \text{Area} &= \pi * (\text{Radius})^2 \\ \text{Area} &= 3.14 * 62.2521 \\ \text{Area} &= 195.47 \end{aligned}$$

2)

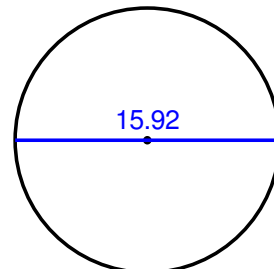


$$\begin{aligned} \text{Radius} &= \frac{\text{Diameter}}{2} \\ \text{Radius} &= \frac{14.86}{2} \\ \text{Radius} &= 7.43 \end{aligned}$$

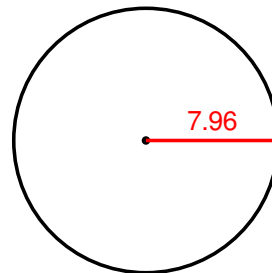


$$\begin{aligned} \text{Area} &= \pi * (\text{Radius})^2 \\ \text{Area} &= 3.14 * 55.2049 \\ \text{Area} &= 173.34 \end{aligned}$$

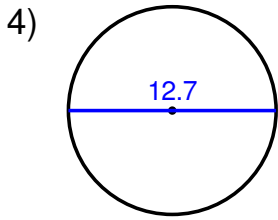
3)



$$\begin{aligned} \text{Radius} &= \frac{\text{Diameter}}{2} \\ \text{Radius} &= \frac{15.92}{2} \\ \text{Radius} &= 7.96 \end{aligned}$$



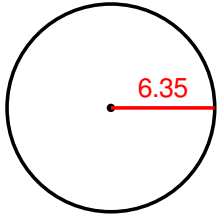
$$\begin{aligned} \text{Area} &= \pi * (\text{Radius})^2 \\ \text{Area} &= 3.14 * 63.3616 \\ \text{Area} &= 198.96 \end{aligned}$$



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

$$\text{Radius} = \frac{12.7}{2}$$

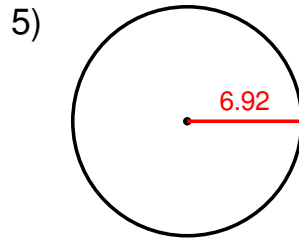
$$\text{Radius} = 6.35$$



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

$$\text{Area} = 3.14 * 40.3225$$

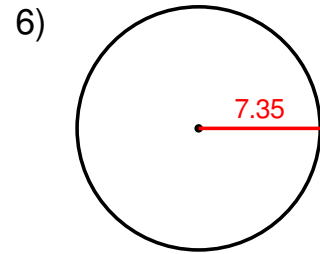
$$\text{Area} = 126.61$$



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

$$\text{Area} = 3.14 * 47.8864$$

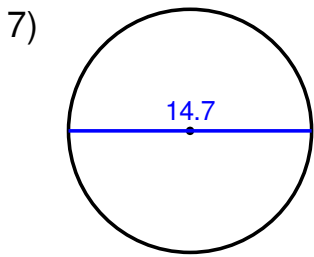
$$\text{Area} = 150.36$$



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

$$\text{Area} = 3.14 * 54.0225$$

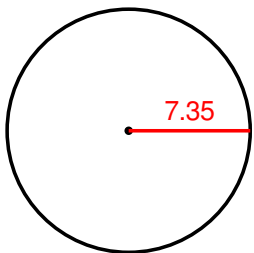
$$\text{Area} = 169.63$$



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

$$\text{Radius} = \frac{14.7}{2}$$

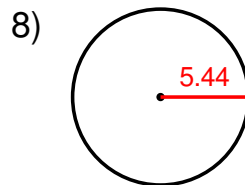
$$\text{Radius} = 7.35$$



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

$$\text{Area} = 3.14 * 54.0225$$

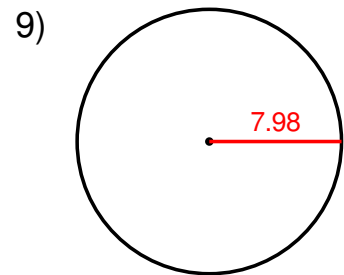
$$\text{Area} = 169.63$$



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

$$\text{Area} = 3.14 * 29.5936$$

$$\text{Area} = 92.92$$



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

$$\text{Area} = 3.14 * 63.6804$$

$$\text{Area} = 199.96$$