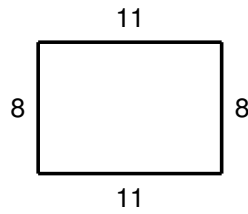


Find the area of each figure. Use $\pi = 3.14$. Round to the nearest tenth.

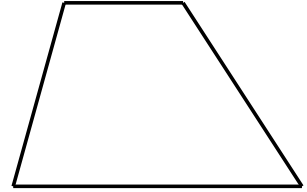
1)



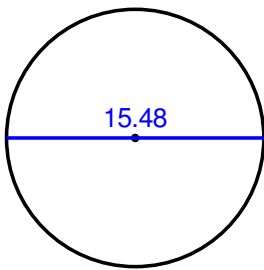
2)



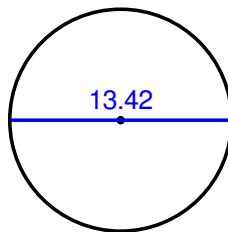
3)



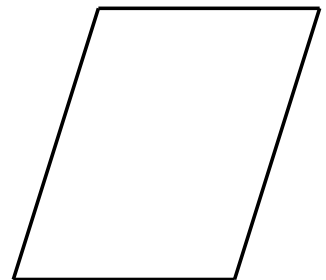
4)



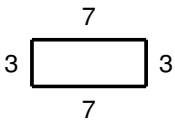
5)



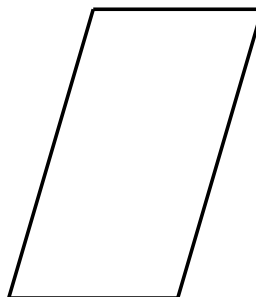
6)



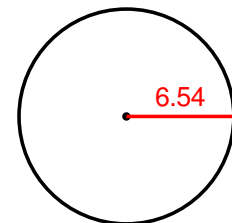
7)



8)



9)

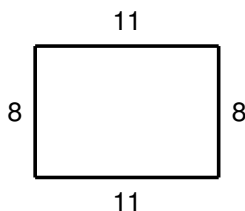


Find the area of each figure. Use $\pi = 3.14$. Round to the nearest tenth.

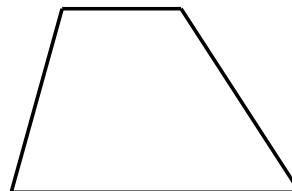
1)

**Answer: 108**

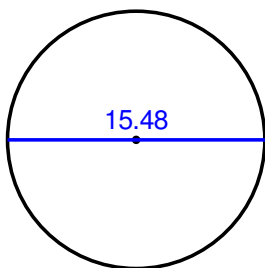
2)

**Answer: 88**

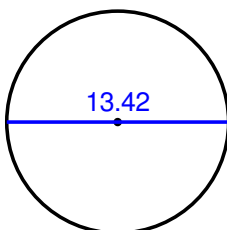
3)

**Answer: 132**

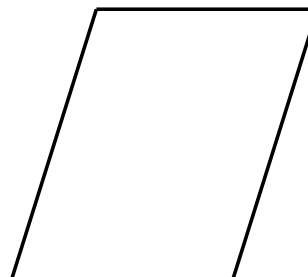
4)

**Answer: 188.11**

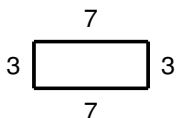
5)

**Answer: 141.38**

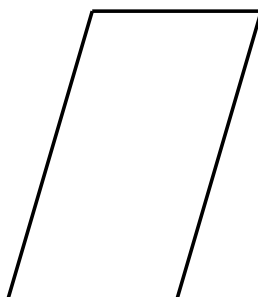
6)

**Answer: 208**

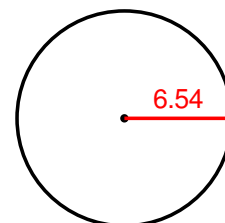
7)

**Answer: 21**

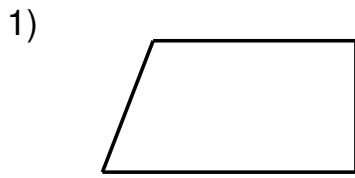
8)

**Answer: 170**

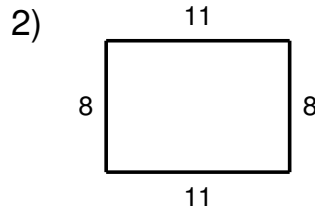
9)

**Answer: 134.3**

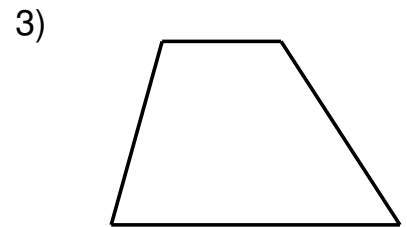
Solution Steps



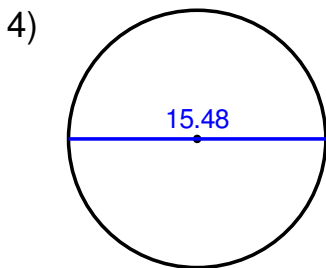
$$\begin{aligned} \text{Area} &= \frac{1}{2} * (\text{Base1} + \text{Base2}) * \text{Height} \\ \text{Area} &= \frac{1}{2} * (12 + 15) * 8 \\ \text{Area} &= \frac{1}{2} * 27 * 8 \\ \text{Area} &= 108 \end{aligned}$$



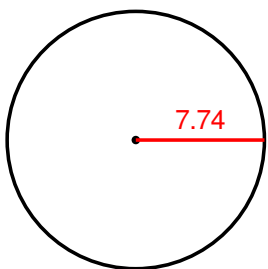
$$\begin{aligned} \text{Area} &= \text{Length} * \text{Width} \\ \text{Area} &= 11 * 8 \\ \text{Area} &= 88 \end{aligned}$$



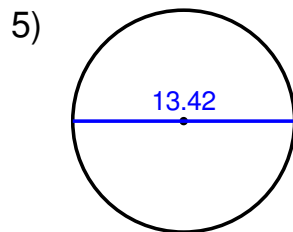
$$\begin{aligned} \text{Area} &= \frac{1}{2} * (\text{Base1} + \text{Base2}) * \text{Height} \\ \text{Area} &= \frac{1}{2} * (7 + 17) * 11 \\ \text{Area} &= \frac{1}{2} * 24 * 11 \\ \text{Area} &= 132 \end{aligned}$$



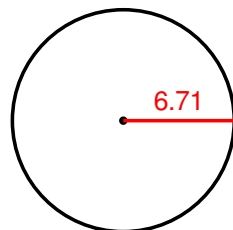
$$\begin{aligned} \text{Radius} &= \frac{\text{Diameter}}{2} \\ \text{Radius} &= \frac{15.48}{2} \\ \text{Radius} &= 7.74 \end{aligned}$$



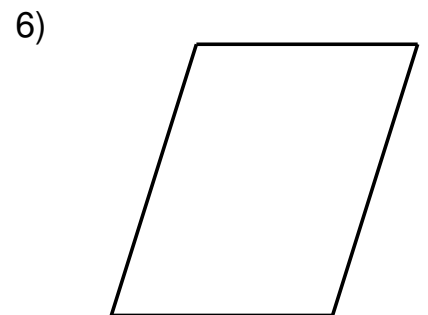
$$\begin{aligned} \text{Area} &= \pi * (\text{Radius})^2 \\ \text{Area} &= 3.14 * 59.9076 \\ \text{Area} &= 188.11 \end{aligned}$$



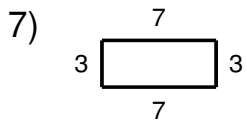
$$\begin{aligned} \text{Radius} &= \frac{\text{Diameter}}{2} \\ \text{Radius} &= \frac{13.42}{2} \\ \text{Radius} &= 6.71 \end{aligned}$$



$$\begin{aligned} \text{Area} &= \pi * (\text{Radius})^2 \\ \text{Area} &= 3.14 * 45.0241 \\ \text{Area} &= 141.38 \end{aligned}$$



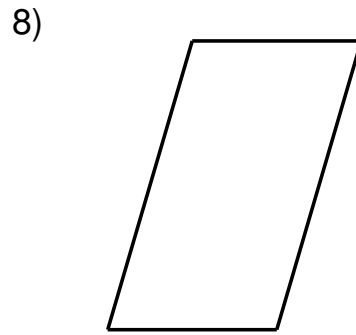
$$\begin{aligned} \text{Area} &= \text{Base} * \text{Height} \\ \text{Area} &= 13 * 16 \\ \text{Area} &= 208 \end{aligned}$$



$$\text{Area} = \text{Length} * \text{Width}$$

$$\text{Area} = 7 * 3$$

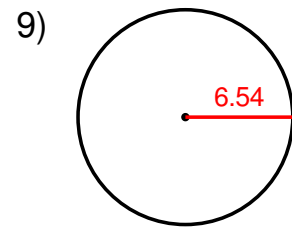
$$\text{Area} = 21$$



$$\text{Area} = \text{Base} * \text{Height}$$

$$\text{Area} = 10 * 17$$

$$\text{Area} = 170$$



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

$$\text{Area} = 3.14 * 42.7716$$

$$\text{Area} = 134.3$$