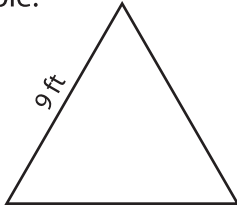


Name : _____

Area of an Equilateral Triangle

T1S1

Example:



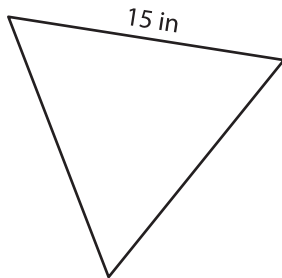
$$\text{Area of an equilateral triangle} = \frac{\sqrt{3}}{4} a^2$$

$$a = 9 \text{ ft}$$

$$\begin{aligned} \text{Area} &= \frac{\sqrt{3}}{4} \times 9 \times 9 \\ &= \mathbf{35.07 \text{ ft}^2} \end{aligned}$$

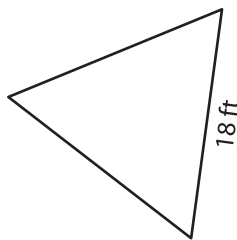
Find the area of each equilateral triangle. Round your answer to two decimal places.

1)



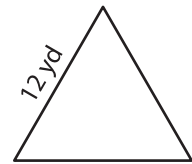
Area =

2)



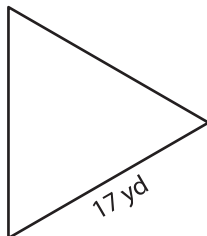
Area =

3)



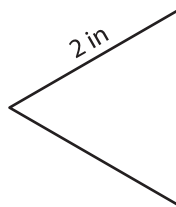
Area =

4)



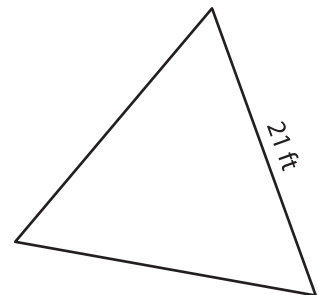
Area =

5)



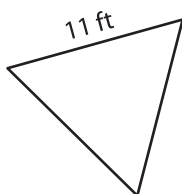
Area =

6)



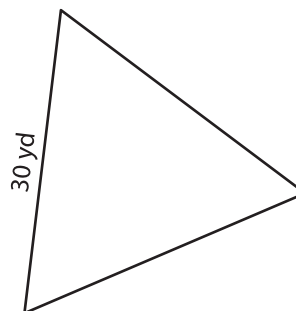
Area =

7)



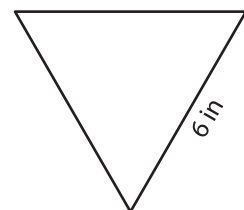
Area =

8)



Area =

9)



Area =