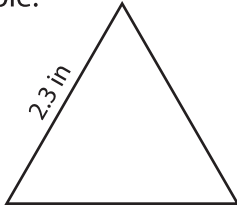


Name : _____

Area of an Equilateral Triangle

T1S1

Example:



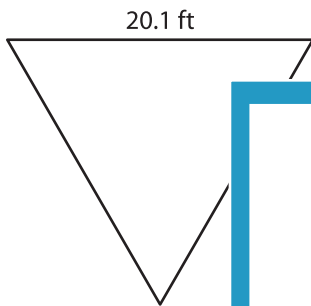
$$\text{Area of an equilateral triangle} = \frac{\sqrt{3}}{4} a^2$$

$$a = 2.3 \text{ in}$$

$$\begin{aligned} \text{Area} &= \frac{\sqrt{3}}{4} \times 2.3 \times 2.3 \\ &= \mathbf{2.29 \text{ in}^2} \end{aligned}$$

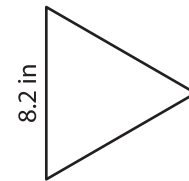
Find the area of each equilateral triangle. Round your answer to two decimal places.

1)



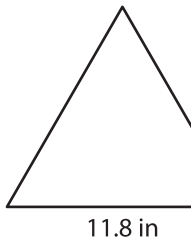
Area =

2)



Area =

4)



Area =

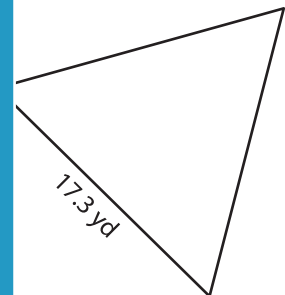
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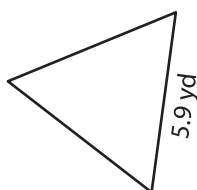
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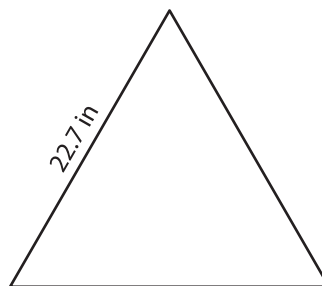


Area =

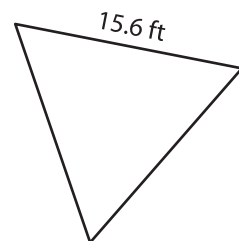
7)



Area =



Area =



Area =