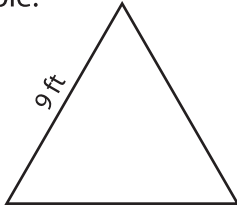


Name : _____

Area of an Equilateral Triangle

T1S1

Example:



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

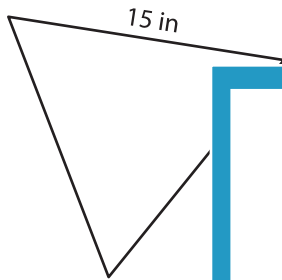
$$a = 9 \text{ ft}$$

$$\text{Area} = \frac{\sqrt{3}}{4} \times 9 \times 9$$

$$= \mathbf{35.07 \text{ ft}^2}$$

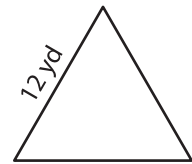
Find the area of each equilateral triangle. Round your answer to two decimal places.

1)



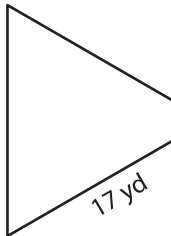
Area =

2)



Area =

4)



Area =

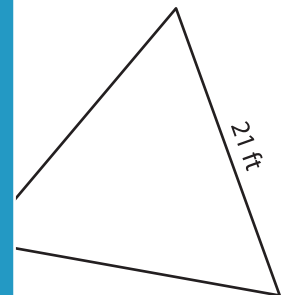
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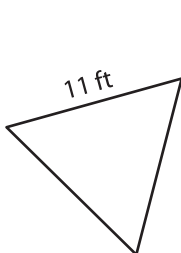
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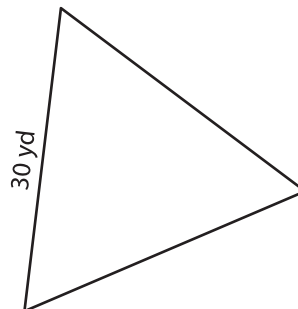


Area =

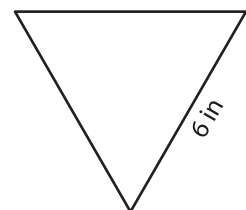
7)



Area =



Area =



Area =