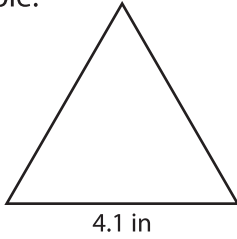


Area of an Equilateral Triangle

Example:



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

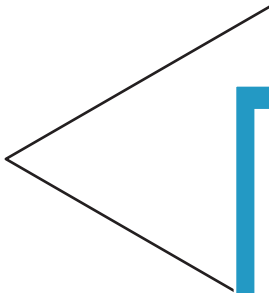
$$a = 4.1 \text{ in}$$

$$\text{Area} = \frac{\sqrt{3}}{4} \times 4.1 \times 4.1$$

$$= \mathbf{7.28 \text{ in}^2}$$

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

1)



Area =

2)



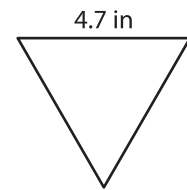
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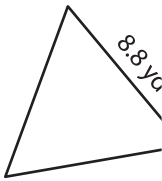
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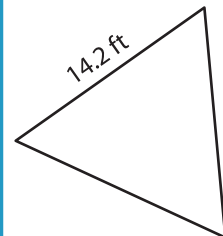


Area =

4)

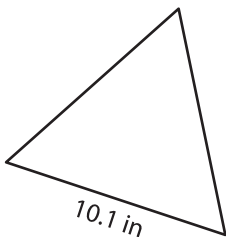


Area =

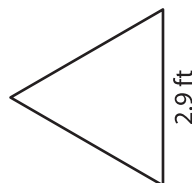


Area =

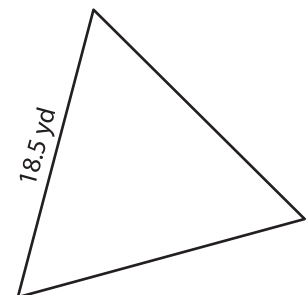
7)



Area =



Area =



Area =