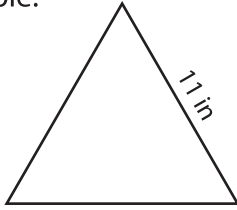


Name : \_\_\_\_\_

## Area of an Equilateral Triangle

T1S2

Example:



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

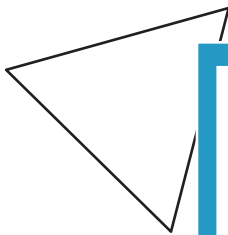
$$a = 11 \text{ in}$$

$$\text{Area} = \frac{\sqrt{3}}{4} \times 11 \times 11$$

$$= 52.39 \text{ in}^2$$

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

1)

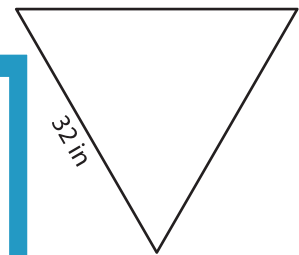


Area =

2)

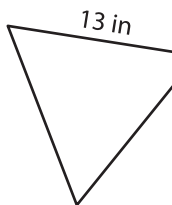
3)

3)



Area =

4)



Area =

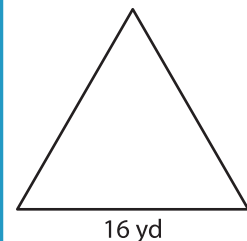
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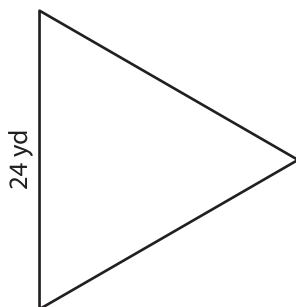
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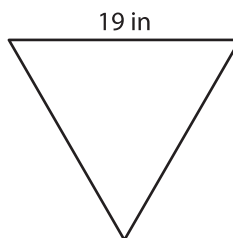


Area =

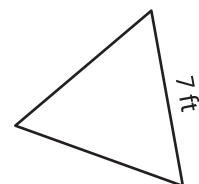
7)



Area =



Area =



Area =