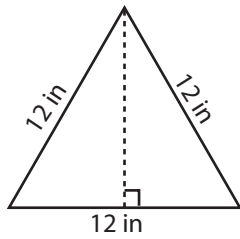


Equilateral Triangle - Finding Area

Example:



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

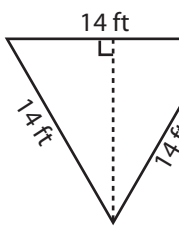
$a = 12 \text{ in}$

Area = $\frac{\sqrt{3}}{4} \times 12 \times 12$

= **62.35 in²**

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

1)

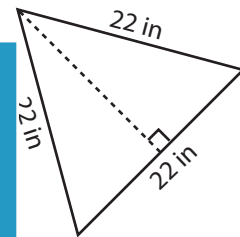


Area =

2)

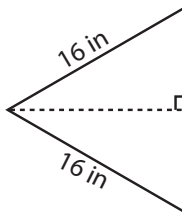


3)



Area =

4)



Area =

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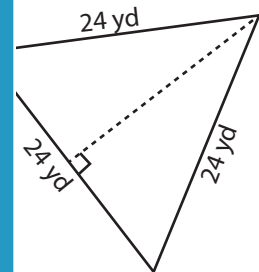
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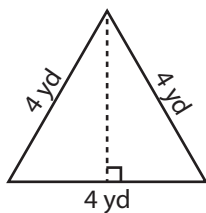
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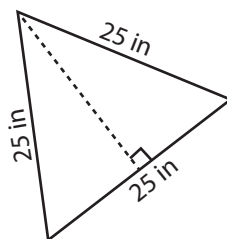


Area =

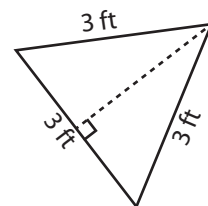
7)



Area =



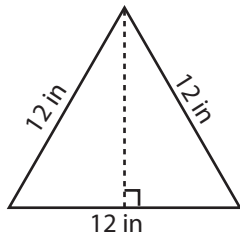
Area =



Area =

Equilateral Triangle - Finding Area

Example:



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

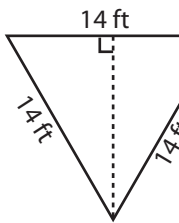
$a = 12 \text{ in}$

Area = $\frac{\sqrt{3}}{4} \times 12 \times 12$

= **62.35 in²**

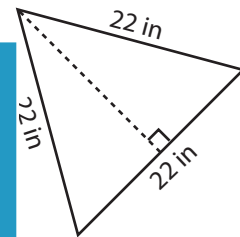
Find the area of each equilateral triangle. Round the answer to two decimal places.

1)



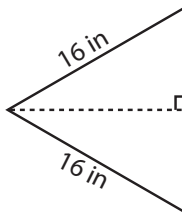
Area = **84.87 ft²**

2)

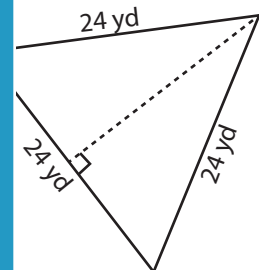


Area = **209.58 in²**

4)

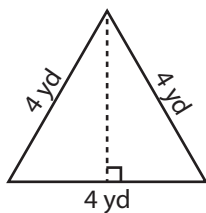


Area = **110.85 in²**

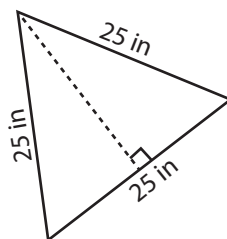


Area = **249.42 yd²**

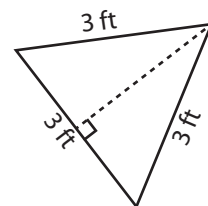
7)



Area = **6.93 yd²**



Area = **270.63 in²**



Area = **3.9 ft²**

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