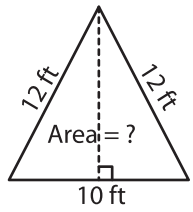
Name : _____

Area of an Isosceles Triangle

T1S1

Example:



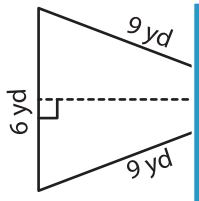
In an isosceles triangle, altitude drawn to the base is a median.
Median divides base into equal line segments.

height = $\sqrt{12^2 - 5^2}$
= $\sqrt{144 - 25}$
= $\sqrt{119}$ **ft**

b = 10 ft , h = $\sqrt{119}$ ft
Area = $\frac{1}{2}$ x b x h
= $\frac{1}{2}$ x 10 x $\sqrt{119}$
= **54.54 ft²**

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

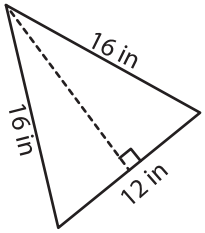
1)



Area =

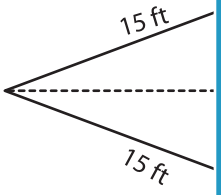
2)

3)

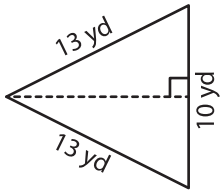


rea =

4)

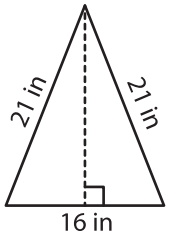


Area =

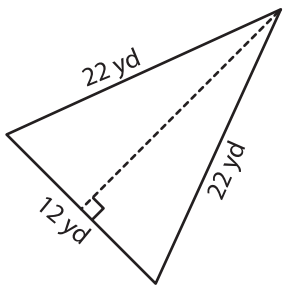


rea =

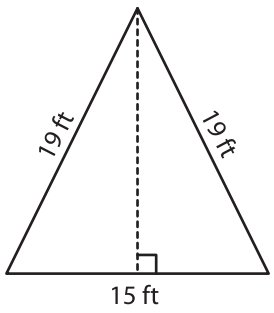
7)



Area =



Area =



Area =