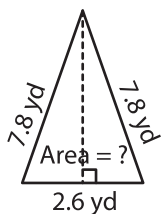


Area of an Isosceles Triangle | Decimals

Example:



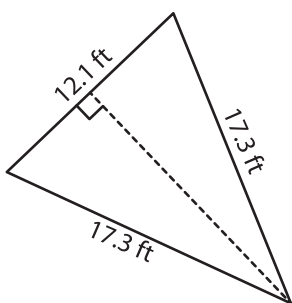
In an isosceles triangle, altitude drawn to the base is a median.
Median divides base into equal line segments.

$$\begin{aligned} \text{height} &= \sqrt{7.8^2 - 1.3^2} \\ &= \sqrt{60.84 - 1.69} \\ &= \sqrt{59.15} \text{ yd} \end{aligned}$$

$$\begin{aligned} b &= 2.6 \text{ yd}, h = \sqrt{59.15} \text{ yd} \\ \text{Area} &= \frac{1}{2} \times b \times h \\ &= \frac{1}{2} \times 2.6 \times \sqrt{59.15} \\ &= 10 \text{ yd}^2 \end{aligned}$$

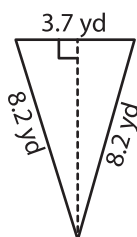
Find the area of each isosceles triangle. Round your answer to two decimal places.

1)



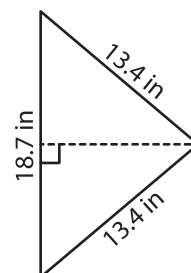
Area =

2)



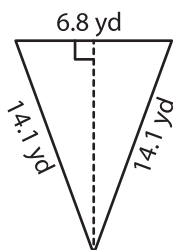
Area =

3)



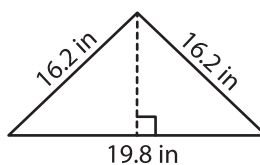
Area =

4)



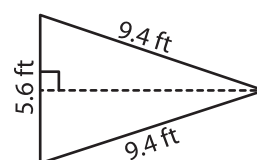
Area =

5)



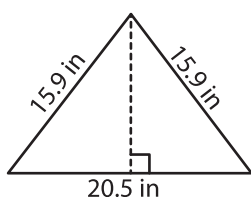
Area =

6)



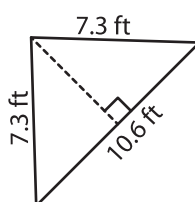
Area =

7)



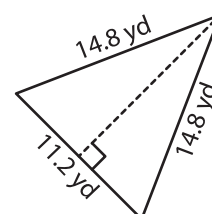
Area =

8)



Area =

9)



Area =