



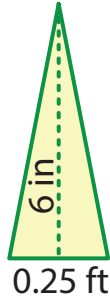
AREA OF TRIANGLES

Name _____

Score _____

AT:15

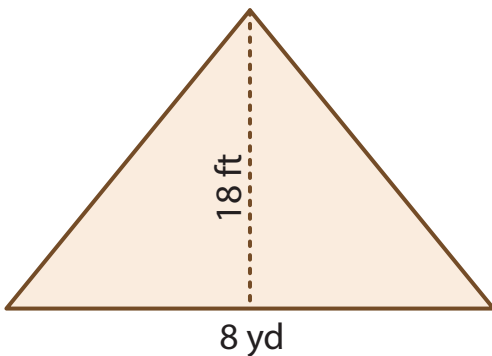
Example : Find the area of given triangle.



$$\begin{aligned} \text{Area} &= \frac{1}{2} \times \text{base}(b) \times \text{height}(h) \\ &= \frac{1}{2} \times 6 \times 3 \\ &= \mathbf{9 \text{ in}^2} \end{aligned}$$

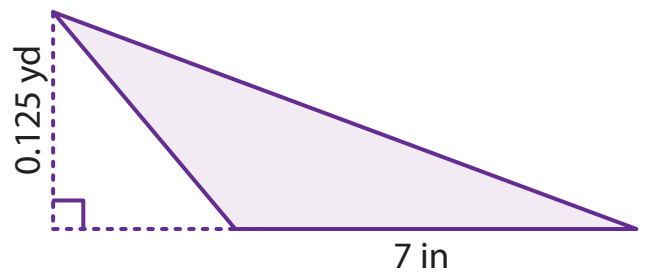
Find the area of each triangle.

1)



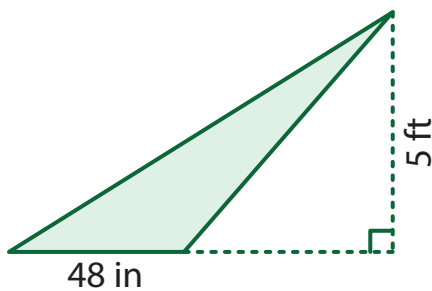
Area = yd²

2)



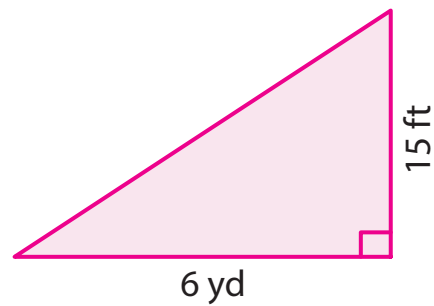
Area = in²

3)



Area = ft²

4)



Area = yd²

Use the below given measurements to find the area of triangle.

1) base = 4.5 ft
height = 36 in

Area = ft²

2) base = 10 yd
height = 33 ft

Area = yd²

3) base = 8 in
height = 0.1 yd

Area = in²



AREA OF TRIANGLES

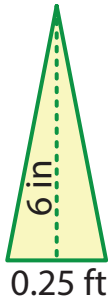
Name _____

Score _____

Answer key

AT:15

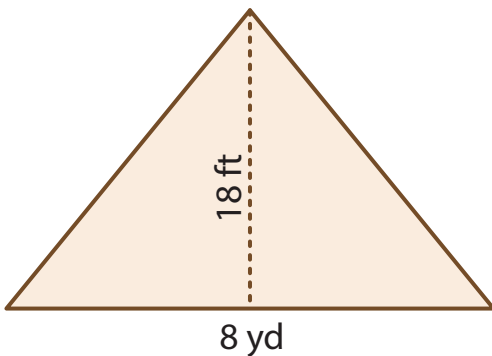
Example : Find the area of given triangle.



$$\begin{aligned} \text{Area} &= \frac{1}{2} \times \text{base}(b) \times \text{height}(h) \\ &= \frac{1}{2} \times 6 \times 3 \\ &= \mathbf{9 \text{ in}^2} \end{aligned}$$

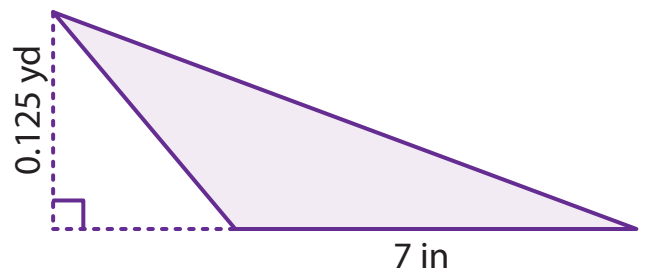
Find the area of each triangle.

1)



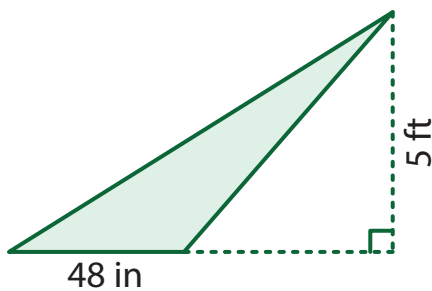
Area = **24** yd²

2)



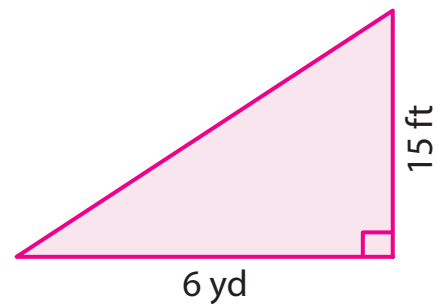
Area = **15.75** in²

3)



Area = **10** ft²

4)



Area = **15** yd²

Use the below given measurements to find the area of triangle.

1) base = 4.5 ft
height = 36 in

Area = **6.75** ft²

2) base = 10 yd
height = 33 ft

Area = **55** yd²

3) base = 8 in
height = 0.1 yd

Area = **14.4** in²