



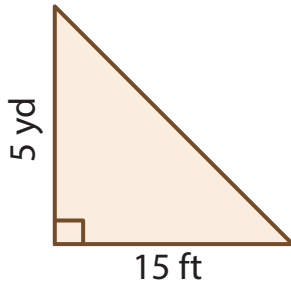
AREA OF TRIANGLES

Name _____

Score _____

AT:14

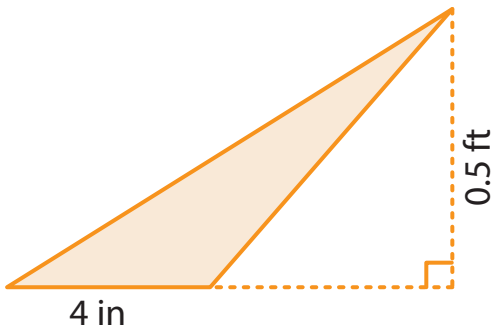
Example : Find the area of given triangle.



$$\begin{aligned} \text{Area} &= \frac{1}{2} \times \text{base}(b) \times \text{height}(h) \\ &= \frac{1}{2} \times 5 \times 5 \\ &= \mathbf{12.5 \text{ yd}^2} \end{aligned}$$

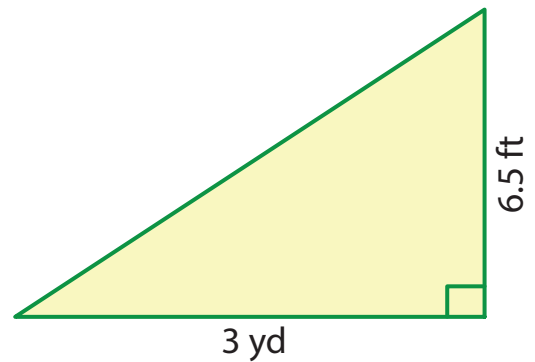
Find the area of each triangle.

1)



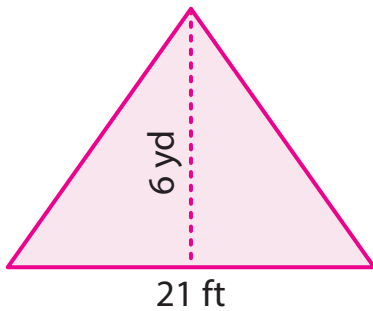
Area = in²

2)



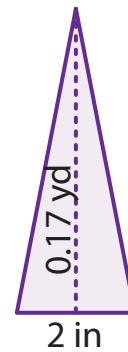
Area = ft²

3)



Area = yd²

4)



Area = in²

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

1) base = 12 yd
height = 18 ft

Area = yd²

2) base = 1 ft
height = 5 in

Area = in²

3) base = 48 in
height = 9 ft

Area = ft²



AREA OF TRIANGLES

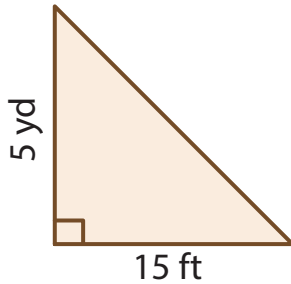
Name _____

Score _____

Answer key

AT:14

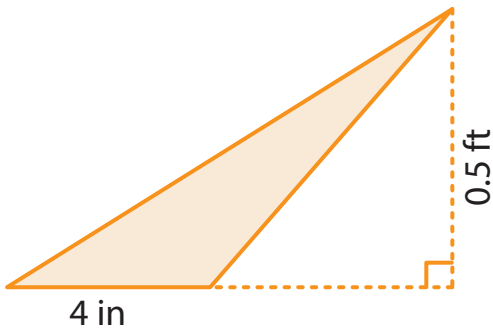
Example : Find the area of given triangle.



$$\begin{aligned}\text{Area} &= \frac{1}{2} \times \text{base}(b) \times \text{height}(h) \\ &= \frac{1}{2} \times 5 \times 5 \\ &= \mathbf{12.5 \text{ yd}^2}\end{aligned}$$

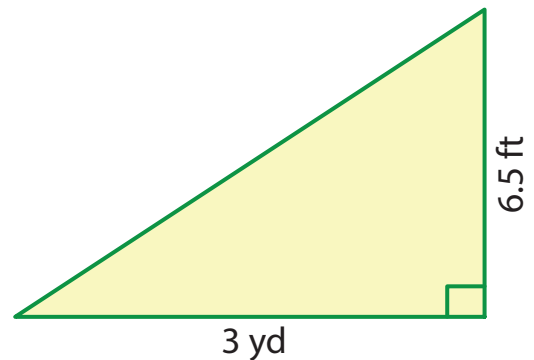
Find the area of each triangle.

1)



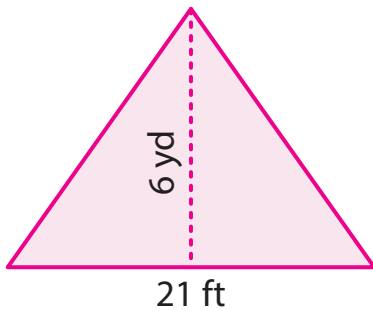
Area = **12** in²

2)



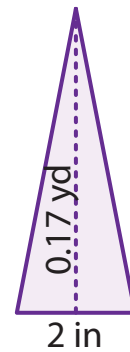
Area = **29.25** ft²

3)



Area = **21** yd²

4)



Area = **6.12** in²

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

1) base = 12 yd
height = 18 ft

Area = **36** yd²

2) base = 1 ft
height = 5 in

Area = **30** in²

3) base = 48 in
height = 9 ft

Area = **18** ft²