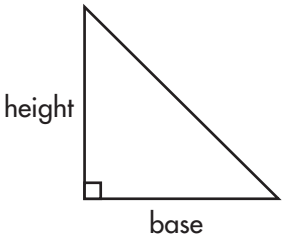
NAME _____

Lesson 5.10 Area: Triangles

To find the area of a triangle, find $\frac{1}{2}$ the product of the measure of its base and its height.

$$A = \frac{1}{2} \times b \times h$$



$b = 6$ in. and $h = 8$ in.

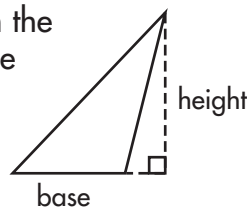
Find A.

$A = \frac{1}{2} \times b \times h$

$A = \frac{1}{2} \times 6 \times 8$

$A = 24$ in.^{2}

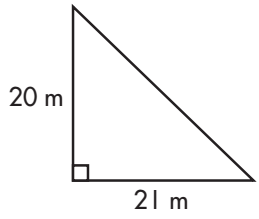
The height is the distance from the base to the highest point on the triangle, using a line perpendicular to the base.



Find the area of each triangle.

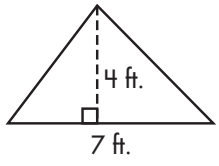
1.

a



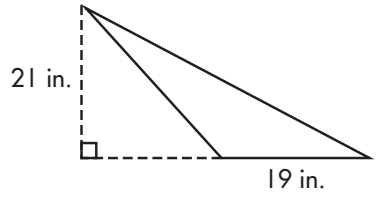
area = _____ m^2

b



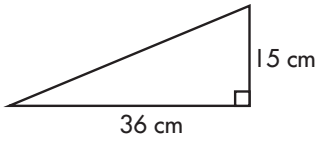
area = _____ ft.^{2}

c

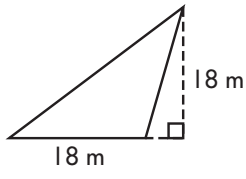


area = _____ in.^{2}

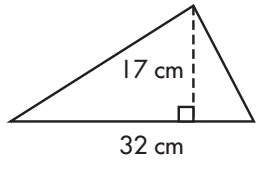
2.



area = _____ cm^2

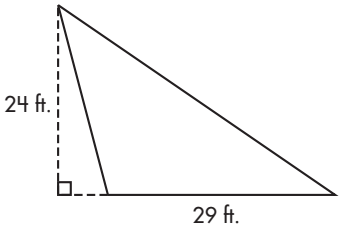


area = _____ m^2

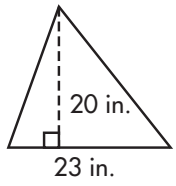


area = _____ cm^2

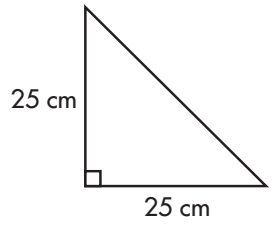
3.



area = _____ ft.^{2}



area = _____ in.^{2}



area = _____ cm^2