

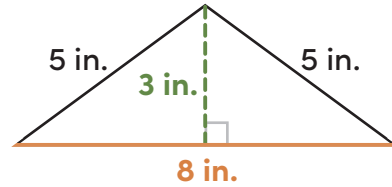
# Finding the Area of a Triangle

To find the area of a triangle, use this formula:

$$A = \frac{1}{2}bh$$

$b$  = base       $h$  = height

Let's try an example! Find the area of the triangle below.



$$A = \frac{1}{2}bh$$

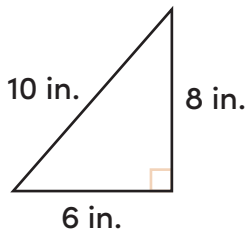
$$A = \frac{1}{2} \cdot 8 \cdot 3$$

$$A = \frac{1}{2} \cdot 24$$

$$A = 12 \text{ in.}^2$$

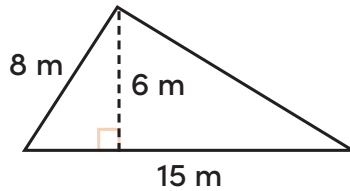
Find the area of each triangle.

1.



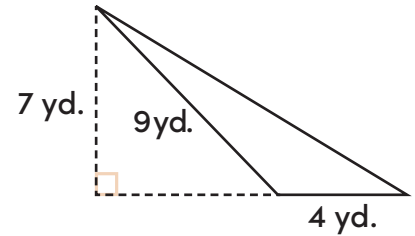
$$A = \underline{24 \text{ in.}^2}$$

2.



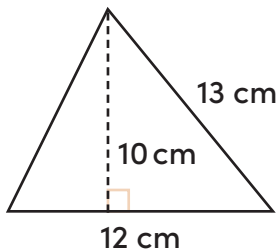
$$A = \underline{45 \text{ m}^2}$$

3.



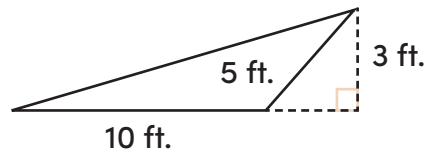
$$A = \underline{14 \text{ yd.}^2}$$

4.



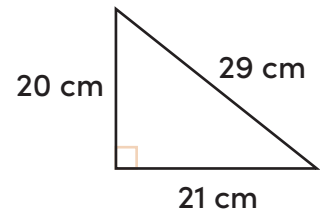
$$A = \underline{60 \text{ cm}^2}$$

5.



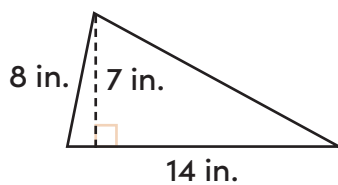
$$A = \underline{15 \text{ ft.}^2}$$

6.



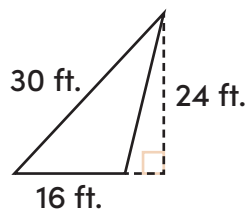
$$A = \underline{210 \text{ cm}^2}$$

7.



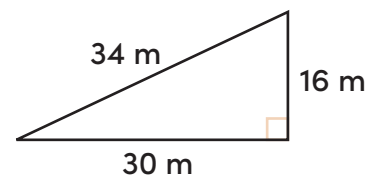
$$A = \underline{49 \text{ in.}^2}$$

8.



$$A = \underline{192 \text{ ft.}^2}$$

9.



$$A = \underline{240 \text{ m}^2}$$