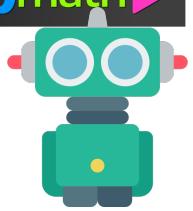


Name: \_\_\_\_\_



# AREA OF TRIANGLES

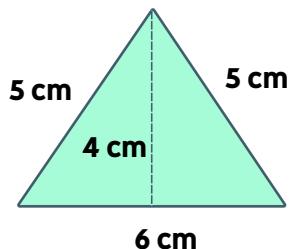
**Formula Reference**

A diagram of a triangle divided into two right triangles by a vertical line from the top vertex to the base, labeled 'h' for height. The base is labeled 'b'. To the right of the diagram is the formula  $A = \frac{1}{2}bh$ .

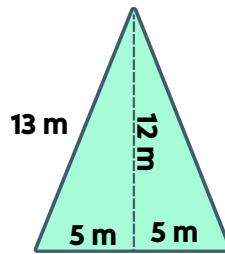
$$A = \frac{1}{2}bh$$

**Directions:** Use a formula to find the area of each figure below.

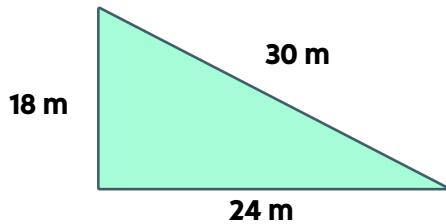
1.)



4.)

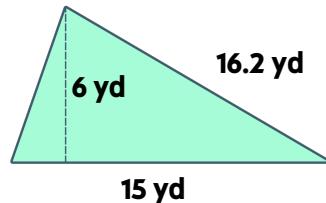


2.)



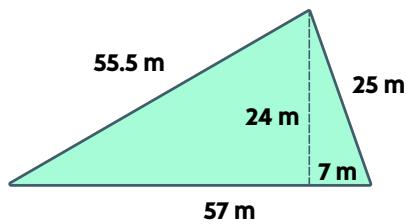
$$A = \underline{\hspace{2cm}}$$

5.)



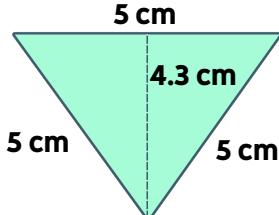
$$A = \underline{\hspace{2cm}}$$

3.)



$$A = \underline{\hspace{2cm}}$$

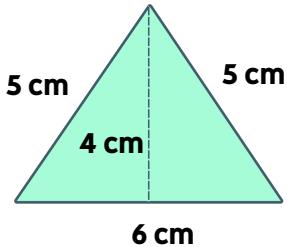
6.)



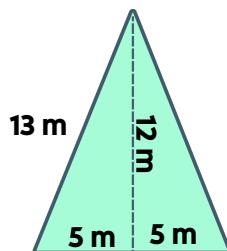
$$A = \underline{\hspace{2cm}}$$

## ANSWER KEY

1.)



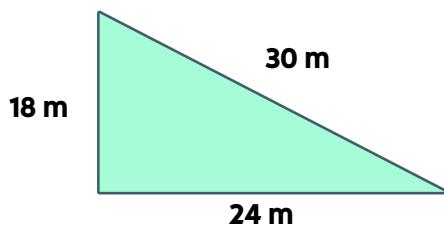
4.)



$$A = 12 \text{ cm}^2$$

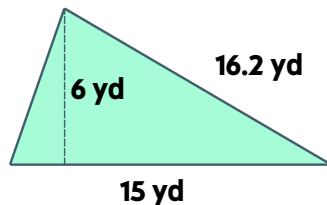
$$A = 60 \text{ m}^2$$

2.)



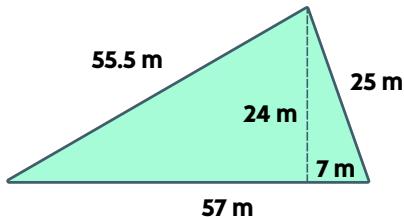
$$A = 216 \text{ m}^2$$

5.)



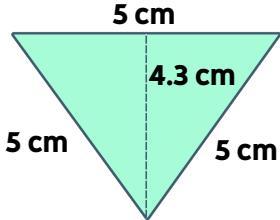
$$A = 45 \text{ yd}^2$$

3.)



$$A = 684 \text{ m}^2$$

6.)



$$A = 10.75 \text{ cm}^2$$