

Name: _____

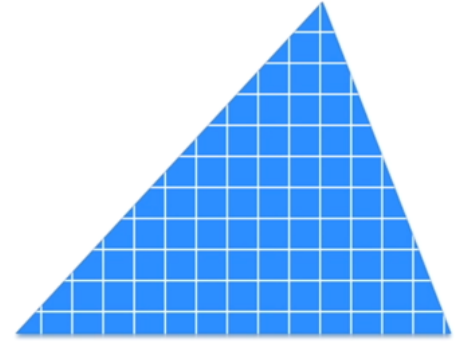
Lesson Guide

This lesson guide accompanies the following video lesson:

Area of a Triangle

Key Questions

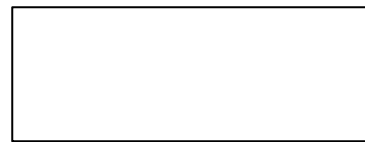
- What is the base of a triangle?
- What is the height of a triangle?
- How can you find the area of a triangle?



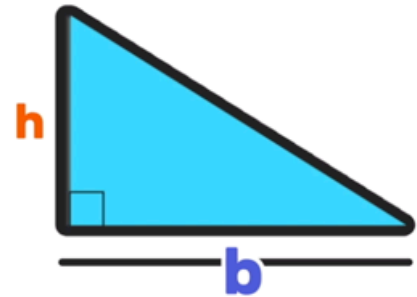
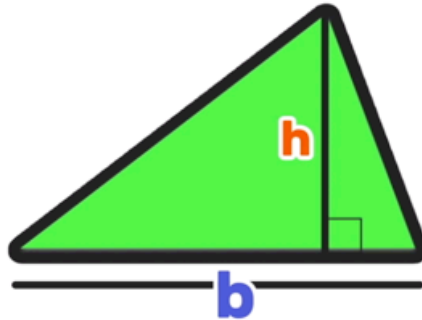
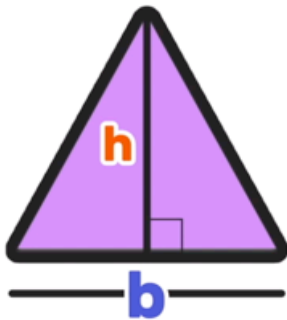
Triangle Properties



Any bottom line of a triangle.

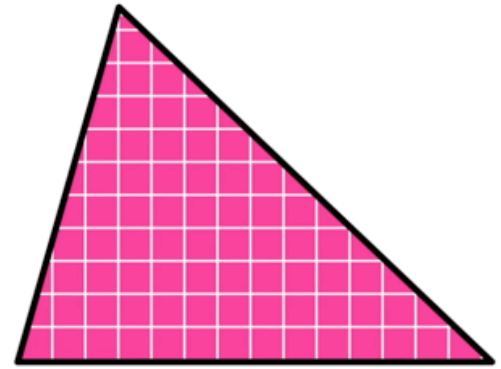


A **perpendicular** line that extends from the base of a triangle to the vertex of the opposite angle.



How can you find the area of a triangle?

The area of a triangle represents the number of that covers the surface of the figure.

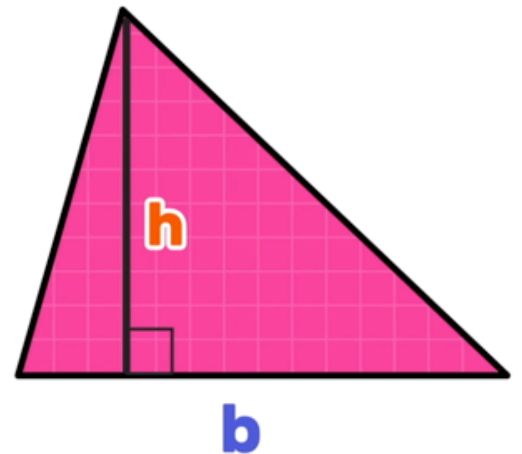


Area is expressed in

Formula Reference

Formula Reference

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

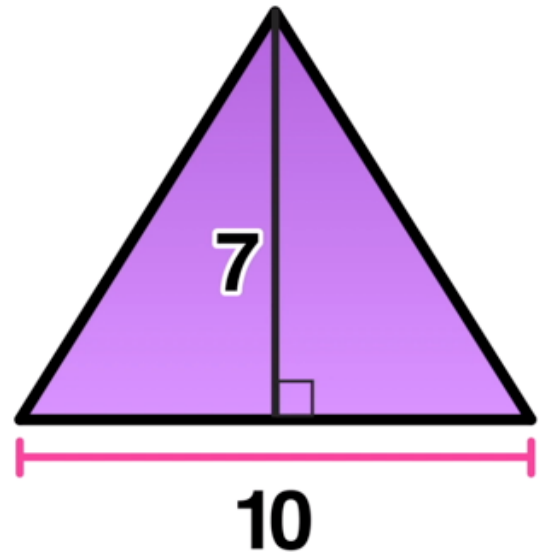


Practice Problem #1

Find the area of the triangle:

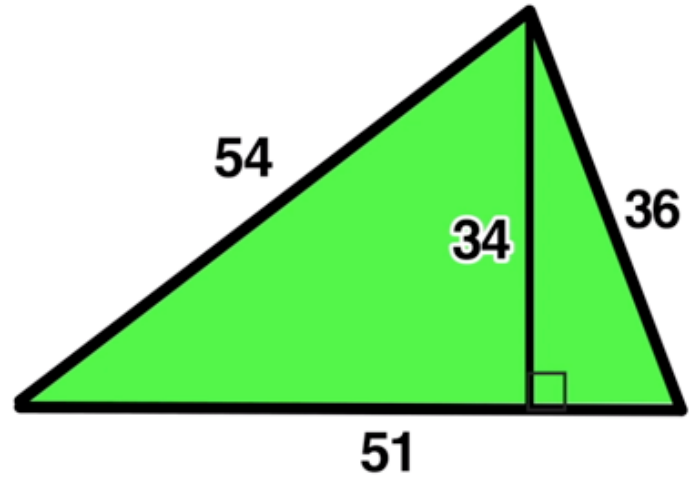
Triangle Area Formula

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



Practice Problem #2

Find the area of the triangle:

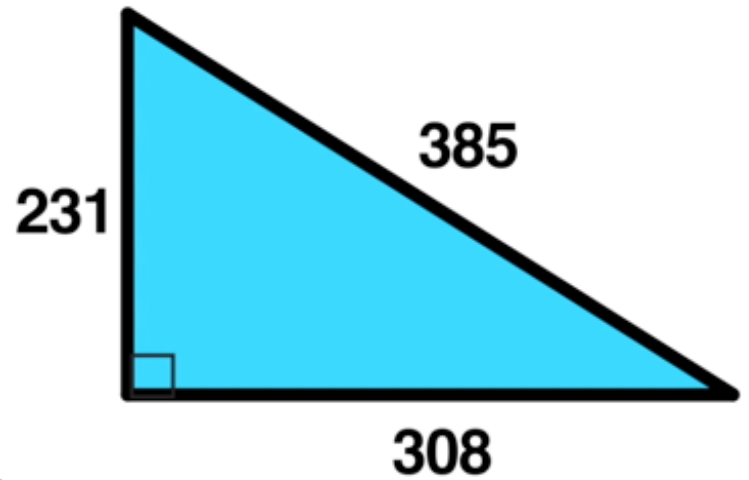


Triangle Area Formula

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

Practice Problem #3

Find the area of the triangle:

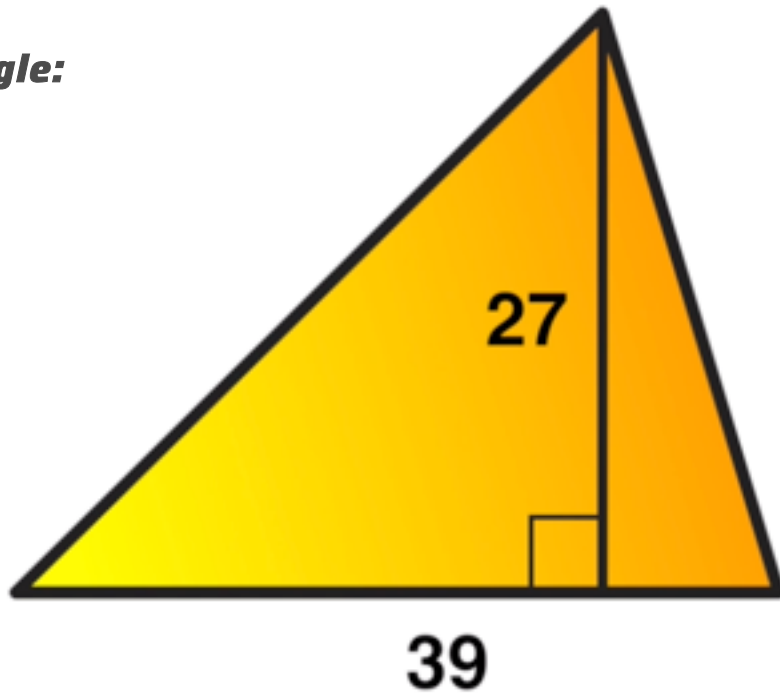


Triangle Area Formula

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

Your Turn!

Find the area of the triangle:



ANSWER KEY

Practice Problem #1: $A = 35$ square units

Practice Problem #2: $A = 867$ square units

Practice Problem #3: $A = 35,574$ square units

Your Turn: $A = 526.5$ square units