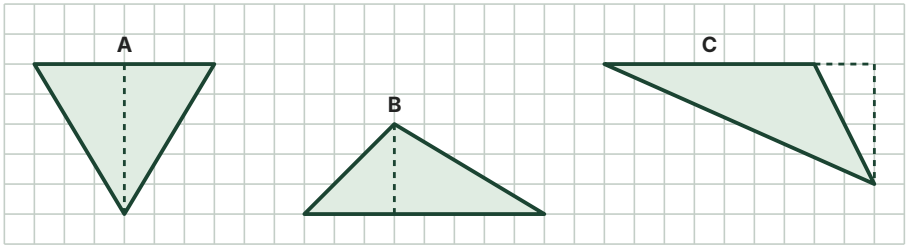
Triangle Area Formula

Geometry & Shapes

Name: _____ Date: _____ Grade 6

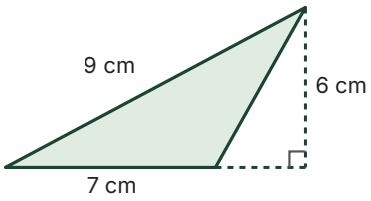
1. For each triangle, a base and its corresponding height are shown. Each small square in the grid has an area of 1 square unit. Complete the table.



	Base (units)	Height (units)	Area (square units)
Triangle A			
Triangle B			
Triangle C			
Any Triangle	*b*	*h*	

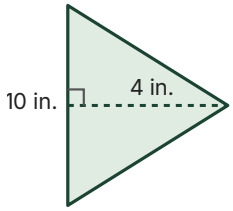
2. Determine the area of each triangle.

a



Area: _____

b

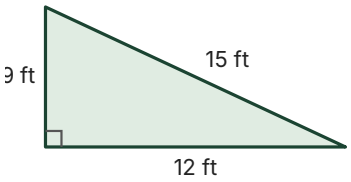


Area: _____

3. Use the given bases and heights to determine the area of each triangle.

	Base (units)	Height (units)	Area (square units)
Triangle A	10	7	
Triangle B	12	9	
Triangle C	5	5	
Triangle D	8.5	6	

4. Determine the area of the triangle. Show your thinking.



5. A triangle has a base of 18.4 centimeters and a height of 10 centimeters. Determine its area.

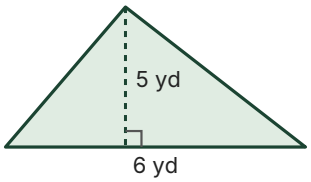
_____

6. A triangle has a base of 9 inches and a height of 11 inches. Determine its area.

_____

7. A pumpkin patch at a farm is shaped like a triangle with the dimensions shown. Determine the area of the pumpkin patch.

_____



8. A triangle has a base of 12 meters and an area of 84 square meters. What is the height of this triangle? Explain your thinking.

