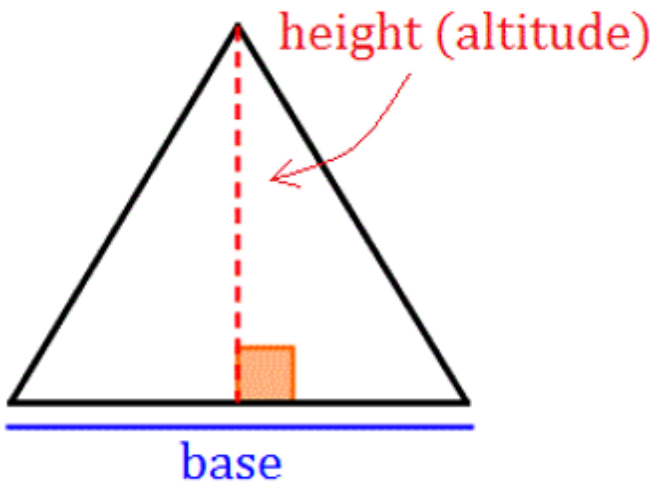


Notes on Area of a Triangle

Name: _____

7th Grade Math

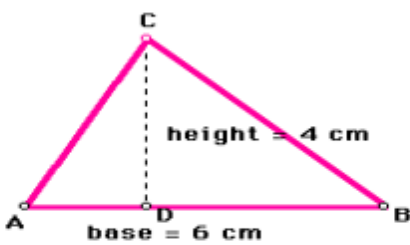
Parts of a Triangle-



Formula for Area of Triangle-

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

The area of a triangle equals one half times the base times the height.



Here is how the math would look:

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

$$A = \frac{1}{2} \times 6 \times 4$$

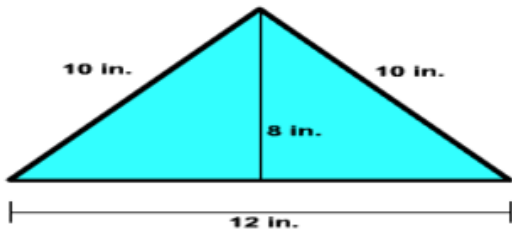
$$A = \frac{1}{2} \times 24$$

$$A = 12 \text{ square cm}$$

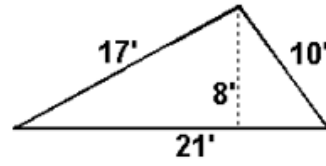
Examples

Evaluate the area:

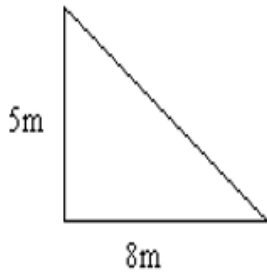
1.



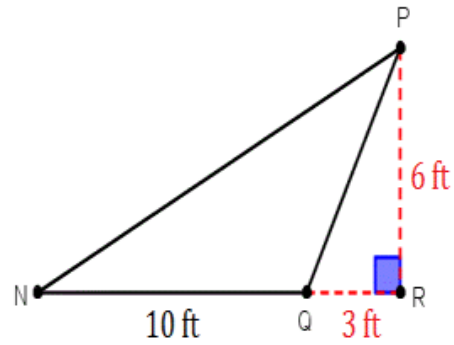
2.



3.



4.



Identify the missing part of the triangle

- If the area of the triangle is 154 cm^2 and the height is 6, identify the base of the triangle.
- If the area of the triangle is 32 and the base is 8, identify the height of the triangle.