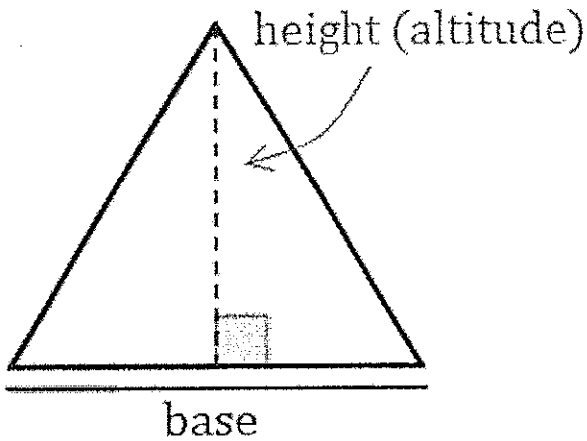


Notes on Area of a Triangle

Name: _____

7th Grade Math

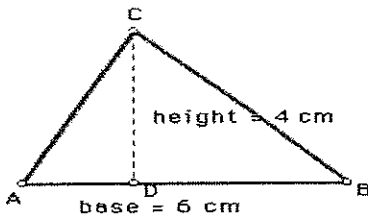
Parts of a Triangle-



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:

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

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

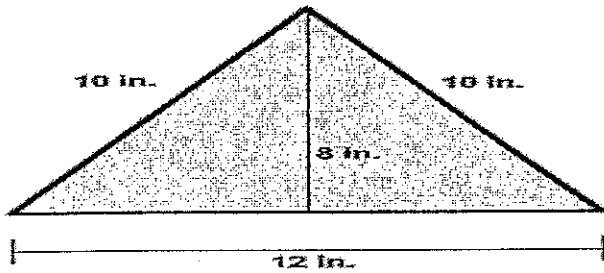
$$A = \frac{1}{2} \times 24$$

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

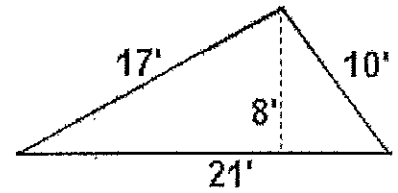
Examples

Find the area:

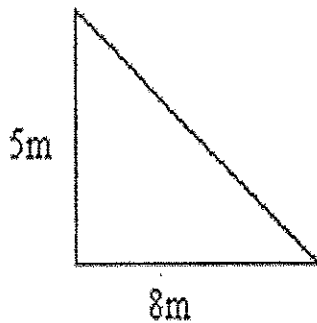
1.



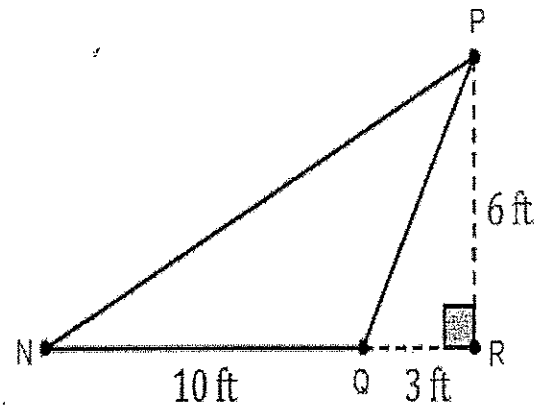
2.



3.



4.



Find the missing part of the triangle

a. If the area of the triangle is 154 cm and the height is 6, find the base of the triangle

b. If the area of the triangle is 32 and the base is 8, what is the height of the triangle?