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# MATH110 - College Trigonometry

## Assignment 008

A 13-foot ladder is placed on a vertical wall such that the top of the ladder is 12 feet high up the wall. How far is the foot of the ladder from the wall?

=5feet

In right  $\triangle ABC$ ,  $\sin A = ?$

=5/13

Using the right triangle below, what is  $\cos 71.08^\circ$ ?

=12/37

Solve the right triangle below.

= $x = 10$ ,  $m\angle A = 36.87^\circ$ ,  $m\angle B = 53.13^\circ$

Which of the following fractions is equal to the tangent of an angle?

=opposite leg/adjacent leg

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