

MATH110 - College Trigonometry

Short Quiz 010

Using the right triangle below, what is $\cos B - \sec A + \tan B$?

=41/60

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

=13/12

If we apply the Pythagorean theorem in the right triangle below, then what expression solves for the value of b ?

= $\sqrt{a^2+c^2}$

The sum of the measures of the two acute angles in a right triangle is always equal to 90.

=True

The ratio of the hypotenuse to the adjacent leg is called the secant.

=True

What expression gives the hypotenuse h of the triangle below?

= $12/\cos 20$

The tangent of an angle is never greater than 1.

=False

Which of the following statements is TRUE about the cosecant of an acute angle in a right triangle?

=Its value is greater than 1.

If $\cot \theta = 11/60$, then what is x ?

=300

Which of the following trigonometric ratios do not involve the adjacent leg?

=sine