

MATH110 - College Trigonometry

Short Quiz 009

The Law of Sines can be used to solve a triangle where all three sides are known.

=False

What is the measure of the shortest side in the triangle below?

=10.32

A triangle can be solved given the measures of all of its angles.

=False

Solve for y in the triangle below.

=21.20

The equation $12/\sin 57 = w/\sin 83$ is a result of the application of the Law of Sines to a triangle. Which of the following statements is NOT TRUE?

=The smallest angle in this triangle has a measure of 57° .

The Law of Sines can be used to solve a triangle with an SAA situation

=True

Which of the following equations is a result of the application of the Law of Sines on the triangle below?

= $b \sin M = a \sin T$

What equation will solve for y in the triangle below?

= $\sin^{-1}(13 \sin 50 / 12)$

Which of the following equations can be formed from the triangle below.?

= $y/\sin 93 = 8/\sin 35$

Which of the following unknowns below can be determined?

=z