

MATH110 - College Trigonometry

Short Quiz 003

The sine of $P(0, 12)$ is 1.

=True

All six trigonometric function values of a point that is in QI are positive.

=False

If point A is located in the second quadrant, then what is true about the product of $\sin A$ and $\cos A$?

=Negative

The cosine of a point that is in QII is negative.

=True

Given that $\cos L < 0$ and $\tan L < 0$. In what quadrant is L located?

=QII

Given $P(9, -40)$, determine the value of $\cos P - \sin P$

=49/41

If $0 \leq x \leq 2\pi$, then what are the solutions to the equation $(2\sin x + \sqrt{3})(\tan x + 1) = 0$?

={ $\frac{3\pi}{4}$, $\frac{4\pi}{3}$ }

Given $P(-4, k)$, such that $\tan P > 0$. Which of the following statements is FALSE?

= $k > 0$

What is $\csc B$ given that B has coordinates $(7, -24)$?

= -25/24

Which of the following statements is true about a point K in the fourth quadrant?

= $\cot K < 0$