

MATH110 - College Trigonometry

Short Quiz 004

The period of any sine function is 2π
=False

What is the amplitude of $y = -4\cos x$
=4

The cosine function is an even function
=True

Which of the following characteristics is TRUE for $f(x) = \sin x$?
=Its amplitude is 1

What is the period of $y = \sin 3x$?
= $2(\pi)/3$

What are the x-intercepts of $y = \cos x$?
= $k(\pi)/2$, where k is an odd integer

If $\cos A = -3/4$, then what is $\cos (-A)$?
= $-3/4$

If $\sin A = 2/3$, then what is $\sin (-A)$?
= $-2/3$

In which quadrant is $((4\pi)/3, \sin(4\pi)/3)$ located?
=QIV

What is the domain of $y = \sin x$?
= $\{x \in \mathbb{R}\}$