

High School Functions Playlist: The Pythagorean Identity and Other Relationships Between Trigonometric Functions

Aligns with *CCSS.MATH.CONTENT.HSF.TF.C.8*: Prove the Pythagorean identity $\sin^2(\theta) + \cos^2(\theta) = 1$ and use it to find $\sin(\theta)$, $\cos(\theta)$, or $\tan(\theta)$ given $\sin(\theta)$, $\cos(\theta)$, or $\tan(\theta)$ and the quadrant of the angle.

Related Standards

- *CCSS.MATH.CONTENT.HSF.TF.C.9*: Prove the addition and subtraction formulas for sine, cosine, and tangent and use them to solve problems.

PREVIEW

