
MATH110 - College Trigonometry

Assignment 005

If $\sec \theta = -\frac{17}{8}$ and θ is in QIII, then what is $\sin \theta$?
= $-\frac{15}{7}$

If $\sin \theta = \frac{3}{5}$ is in the second quadrant, then what is $\cos \theta$?
= $-\frac{4}{5}$

What is the product $(\csc \theta - \cot \theta)(\csc \theta + \cot \theta)$?
= 1

Which of the following expressions is NOT ALWAYS equal to 1?
= $\sec \theta \sin \theta$

If $\sin \theta \cos \theta = \frac{12}{25}$, then what is the value of $(\sin \theta + \cos \theta)^2$?
= $\frac{49}{25}$

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