

5-2-3 Verifying Trig Identities

Strategies Notes Tape-in

Ex Graphing to disprove or give potential

$$\sin x + \cos x \cot x = \csc x$$

$$\left(\frac{\sin x}{\sin x}\right) \sin x + \cos x \left(\frac{\cos x}{\sin x}\right)$$

$$\frac{\sin^2 x + \cos^2 x}{\sin x}$$

$$\frac{1}{\sin x} = \underline{\underline{\csc x}} = \csc x \checkmark$$