

Simplifying Trig Expressions

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Name: _____

Simplify each trigonometric expression below.

1) $\sin^2 t \cot t \csc t$

2) $\sec t \tan t \cos t$

3) $\frac{\cos^2 t}{1 - \cos^2 t}$

4) $\frac{\tan^2 t + 1}{1 + \cot^2 t}$

5) $\frac{\tan t + 1}{\sec t}$

6) $\frac{\sin^2 t \cot^2 t}{1 - \sin^2 t}$

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