13-1B Trigonometric Identities

Using trig. identities to simplify an expression:

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Simplify.

1. sinθ(cscθ - sinθ)

2. cscθcosθtanθ

3. cscθtanθ

4. $\frac{\csc^2\theta - \cot^2\theta}{1 - \cos^2\theta}$