

13-1B Trigonometric Identities

Using trig. identities to simplify an expression:

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Simplify.

1. $\sin\theta(\csc\theta - \sin\theta)$

2. $\csc\theta\cos\theta\tan\theta$

3. $\csc\theta\tan\theta$

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