

Advanced Math

5-2
(Day 2)

Verifying Trigonometric Identities

Verify each identity.

$$25) \frac{\cos\theta \cot\theta}{1 - \sin\theta} - 1 = \csc\theta$$

$$39) \sqrt{\frac{1 + \sin\theta}{1 - \sin\theta}} = \frac{1 + \sin\theta}{|\cos\theta|}$$

Verify the identity.

$$57) \ln|\tan\theta| = \ln|\sin\theta| - \ln|\cos\theta|$$

Assignment:
pg. 472
18-60 even.