Verifying Trigonometric Identities with Simple Arguments Involving the Product of Three Trigonometric Functions: Problems with Solutions
(Part 8)

33. $\sin\theta \cdot \sec\theta \cdot \cot\theta = \sin^2\theta + \cos^2\theta$.

34. $\cos\theta \cdot \csc\theta \cdot \tan\theta = \sin^2\theta + \cos^2\theta$.

35. $\sin\theta \cdot \cos\theta \cdot \tan\theta = 1 - \cos^2\theta$.

36. $\cos\theta \cdot \sin\theta \cdot \cot\theta = 1 - \sin^2\theta$.