The Weekly Rigor

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"A mathematician is a machine for turning coffee into theorems." September 25, 2021

Verifying Trigonometric Identities with Simple Arguments Involving the Product of Three Trigonometric Functions: Problems with Solutions (Part 4)

17. $\tan \theta \cdot \tan \theta \cdot \cot \theta = \tan \theta$.

18. $\cot\theta \cdot \cot\theta \cdot \tan\theta = \cot\theta$.

19. $\sin\theta \cdot \sin\theta \cdot \sec\theta = \sin\theta \cdot \tan\theta$.

20. $\cos\theta \cdot \cos\theta \cdot \csc\theta = \cos\theta \cdot \cot\theta$.

"Only he who never plays, never loses."

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