

Mark each equation "True" or "False". If the statement is false, CORRECT IT !!

T 1. $\csc \theta \cdot \sin \theta = 1$ $\frac{1}{\sin} \cdot \frac{\sin}{1} = 1$

F 2. $\tan^2 \theta + 1 = \cot^2 \theta$
 $= \sec^2 \theta$

T 3. $\cos \theta \cdot \tan \theta = \sin \theta$

F 4. $\cos \theta = \frac{1}{\csc \theta}$

F 5. $\sec^2 \theta + 1 = \tan^2 \theta$ $\sec^2 \theta - 1 = \tan^2 \theta$

T 6. $\cot \theta \cdot \tan \theta = 1$

True! $\tan \theta = \frac{\sin \theta}{\cos \theta}$

F 8. $\cos^2 \theta + \sin^2 \theta = 1$ $\cos^2 \theta + \sin^2 \theta = 1$

T 9. $\csc \theta = \frac{1}{\sin \theta}$

F 10. $1 + \cot^2 \theta = \csc^2 \theta$
 ~~$\cos^2 \theta$~~