

$$\tan(x)\sec(x)=3\tan(x)$$

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$$\frac{\sin x}{\cos^2 x} - 3 \frac{\sin x}{\cos x} = 0$$

$$\sin x = 0 \quad x = 0$$

$$\cos x = \frac{1}{3} \quad x = \arccos \frac{1}{3} = 1,230959$$