

Name : _____

T2L2S2

Solving Trigonometric Equations

Solve each trigonometric equation.

1) $\tan \theta \tan 2\theta \tan 3\theta = \tan \theta + \tan 2\theta + \tan 3\theta$ 2) $\cos \theta + \cos 3\theta = 2 \cos 2\theta$

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3) $\cos \theta + \sin 2\theta = 0$

$\sin \theta = -\sin 3\theta$

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