

Name : \_\_\_\_\_

T2L2S3

## Solving Trigonometric Equations

Solve each trigonometric equation.

1)  $\sin 2\theta + \sin 4\theta = -\sin 6\theta$

2)  $\tan 4\theta + \tan 8\theta + \tan 4\theta \tan 8\theta = 1$

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3)  $\sin 9\theta + \cos 7\theta = 0$

$5\theta = 0$

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