

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

T352

## Solving Trigonometric Equations

Solve each trigonometric equation.

1)  $2 \sin^2 \theta = 2 - \sin^2 2\theta$

2)  $\tan^2 \theta + \sec^2 \theta = 3$

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3)  $\cos^2 \theta + 5 \sin^2 \theta =$

$\cot^2 \theta = 3$

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