

Name : _____

T353

Solving Trigonometric Equations

Solve each trigonometric equation.

1) $4 \tan^2 \theta - 3 \sec^2 \theta = -\frac{8}{3}$

2) $3 \sin^2 \theta + 7 \cos^2 \theta = 4$

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3) $3 \cos^2 \theta + \cos^2 2\theta$

$n^2 \theta = \sec^2 \theta - 3 \tan^2 \theta$

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