

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

T3S1

## Solving Trigonometric Equations

Solve each trigonometric equation.

1)  $7 \tan^2 \theta - 9 = 3 \sec^2 \theta$

2)  $\cos^2 \theta = \frac{1}{4 \sin^2 \theta}$

# PREVIEW

Gain complete access to the largest  
collection of worksheets in all subjects!

Members, please  
log in to  
download this  
worksheet.

Not a member?  
Please sign up to  
gain complete  
access.

3)  $5 \cos^2 \theta + 7 \sin^2 \theta$

$2 \theta = -\cos^2 \theta$

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)