

Name : _____

L2S2

Solving Trigonometric Equations

Solve each equation on the interval $0 \leq x \leq 2\pi$.

1) $2 \cos x - \sec x = 0$

2) $1 = 2 \sin 2x$

3) $2(\tan x + 3) =$

$= 2(\cot x + 1)$

5) $\frac{3}{\cos^2 x} = \frac{4}{\cot x}$

$x = -2$

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