

Name : _____

Solving Trigonometric Equations

L1S1

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

1) $(2 \cos x)^2 = 2$

2) $\frac{\sin x}{\sqrt{3}} = \frac{1}{2}$

3) $-3 \csc x = 2\sqrt{3}$

4

5) $\frac{\sec x - 1}{\sqrt{5}} = 0$

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