

Worksheet 21 - Lesson 60

Date _____ Period _____

1) Solve $\cot^2 \theta - 1 = 0$ given that $0 \leq \theta < 2\pi$

2) Solve $4 \cdot \sin^2 \theta - 1 = 0$ given that
 $0 \leq \theta < 2\pi$.

3) Solve $\cos^3 \theta = \cos \theta$ given that
 $0 \leq \theta < 2\pi$.

4) Solve $\csc^2 \theta + \csc \theta - 2 = 0$ given that
 $0 \leq \theta < 2\pi$.

5) Solve $3 \cdot \tan^2 \theta - 9 = 0$ given that $0 \leq \theta < 2\pi$.

6) Solve $\sec^3 7\theta = -1$ given that $0 \leq \theta < 2\pi$.

7) Solve $\cos \theta \cdot \csc \theta = 2\cos \theta$ given $0 \leq \theta < 2\pi$

8) Solve $\tan^2 \theta \cot \theta - 3\cot \theta = 0$ given $0 \leq \theta < 2\pi$