

Quiz 9**Algebra & Trig****11/24/03**

Each problem is worth 5 points. For full credit indicate clearly how you reached your answer.

1. Find exact values for all solutions (in radians) to the equation $2\cos x + 1 = 0$.

2. Verify the trig identity $\cot^2 \theta - \cos^2 \theta = \cot^2 \theta \cos^2 \theta$.