

Name: _____

Mathematics 1613: Trigonometry Quiz #7

Problem 23: Completely solve the following trigonometric equations:

(1) $2\sin^2 x + 3\sin x - 2 = 0$

(2) $\tan 3\beta = -\sqrt{3}$

(3) $2\cos \theta + 1 = 0$

(4) $\tan^2 \theta = 3$