

02/01/2001

NAME:

MATH 1151 QUIZ-2 (20 minutes)

1. (2 points) If $\tan \theta = 3$, find $\tan(\theta + \pi)$.

2.(3 points) By using periodicity and even-odd properties; If $\cos(a) = \frac{1}{4}$, then find the exact value of $\cos(a) + \cos(a + 2\pi) + \cos(a - 2\pi)$.

3.(2 points) Find $\cos 35^\circ \sin 55^\circ + \sin 35^\circ \cos 55^\circ$.

4.(3 points) Use transformations to graph the function $y = 2 \sec 3x$