

Name: _____

Mathematics 1613: Trigonometry Quiz #12

37: Use the cosine subtraction formula $\cos(\alpha - \beta) = \cos \alpha \cos \beta + \sin \alpha \sin \beta$ to evaluate the following:

$$\cos \frac{7\pi}{12}$$

$$\cos \frac{\pi}{12}$$

38: Use the cosine subtraction formula to find an expression for the following:

$$\cos(\alpha + \beta)$$

$$\cos(\theta + \pi)$$