

Name \_\_\_\_\_  
Mr. Schlansky

Date \_\_\_\_\_  
Pre Calculus

## *Evaluating Special Angles with Identities*

**Find the exact value of the following**

1.  $\sin 75^\circ$

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

3.  $\tan 15^\circ$

4.  $\cos \frac{5\pi}{12}$

5.  $\cos 105^\circ$

6.  $\sin \frac{13\pi}{12}$

7.  $\tan 165^\circ$

8.  $\cos \frac{11\pi}{12}$

9.  $\sin 285^\circ$

10.  $\cos \frac{17\pi}{12}$

11.  $\sin 525^\circ$

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