



Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_

### UNIT CIRCLE WORKSHEET

Evaluate each function using your unit circle and without using a calculator.

1.  $\sin 45^\circ$

2.  $\sin \frac{5\pi}{3}$

3.  $\tan 45^\circ$

4.  $\cos 225^\circ$

5.  $\sin 135^\circ$

6.  $\tan 180^\circ$

7.  $\sin 180^\circ$

8.  $\tan \frac{7\pi}{6}$

9.  $\sin \frac{5\pi}{6}$

10.  $\cos 240^\circ$

11.  $\cos 150^\circ$

12.  $\cos \pi$

13.  $\sin 330^\circ$

14.  $\cos 315^\circ$

15.  $\tan 300^\circ$

16.  $\sin\left(-\frac{13\pi}{4}\right)$

17.  $\cos\left(-\frac{\pi}{4}\right)$

18.  $\tan \frac{14\pi}{3}$