

Evaluating trig functions

Date _____ Period _____

Find the exact value of each trigonometric function. Draw a unit circle for each problem to assist you.

1) $\cot 120^\circ$

2) $\cos 0^\circ$

3) $\cos 2\pi$

4) $\sec -\frac{5\pi}{4}$

5) $\cot 180^\circ$

6) $\tan -150^\circ$

$$7) \cos -\pi$$

$$8) \tan 0$$

$$9) \tan \frac{\pi}{3}$$

$$10) \sin \frac{17\pi}{6}$$

$$11) \sec \frac{3\pi}{2}$$

$$12) \sin -\frac{\pi}{4}$$