

Name: _____

Reading the Unit circle

Find the exact value – simplest form and rationalized

1.) $\cos \frac{\pi}{4}$

2.) $\sin \frac{4\pi}{3}$

3.) $\tan \frac{11\pi}{6}$

4.) $\sin \frac{3\pi}{2}$

5.) $\tan \frac{\pi}{2}$

6.) $\cos \frac{5\pi}{6}$

7.) $\cos \pi$

8.) $\tan \frac{3\pi}{2}$

9.) $\cos \frac{7\pi}{6}$

10.) $\tan \frac{-\pi}{6}$

11.) $\tan \frac{2\pi}{3}$

12.) $\cos \frac{-3\pi}{4}$

Honors:

13.) $\csc \frac{\pi}{3}$

14.) $\sec \frac{5\pi}{4}$

15.) $\cot \frac{5\pi}{6}$

16.) $\csc \frac{4\pi}{3}$

17.) $\cot \frac{3\pi}{4}$

18.) $\csc \frac{7\pi}{6}$

19.) $\cot 0$

20.) $\csc \pi$