

Student Name: \_\_\_\_\_

Score: \_\_\_\_\_

Find the approximate value to the nearest hundredth

$$\sec \frac{\pi}{7} =$$

$$\csc \frac{3\pi}{2} =$$

$$\tan \frac{5\pi}{3} =$$

$$\cot \frac{2\pi}{3} =$$

$$\sin \frac{3\pi}{8} =$$

$$\cos \frac{6\pi}{7} =$$

$$\sin 3\pi =$$

$$\tan \frac{5\pi}{4} =$$

$$\csc \frac{2\pi}{3} =$$

$$\cos 5\pi =$$

$$\cot \frac{3\pi}{2} =$$

$$\sec \frac{5\pi}{4} =$$

$$\sin \frac{4\pi}{3} =$$

$$\cos \frac{\pi}{5} =$$

$$\sec \frac{2\pi}{5} =$$

$$\cot \frac{11\pi}{2} =$$

$$\tan \frac{3\pi}{4} =$$

$$\sin 160^\circ =$$

$$\csc 42^\circ =$$

$$\sin 35^\circ =$$

$$\cos 80^\circ =$$

Student Name: \_\_\_\_\_

Score: \_\_\_\_\_

**Answers:**

$$\sec 125^\circ = -1.74$$

$$\csc 48^\circ = 1.35$$

$$\tan 78^\circ = 4.70$$

$$\cot 36^\circ = 1.38$$

$$\sin 129^\circ = 0.78$$

$$\cos 52^\circ = 0.62$$

$$\sin 78^\circ = 0.98$$

$$\tan 260^\circ = 5.67$$

$$\csc 84^\circ = 1.01$$

$$\cos 66^\circ = 0.41$$

$$\cot 39^\circ = 1.23$$

$$\sec 21^\circ = 1.07$$

$$\sin 280^\circ = -0.98$$

$$\cos 34^\circ = 0.83$$

$$\sec 42^\circ = 1.35$$

$$\cot 50^\circ = 0.84$$

$$\tan 75^\circ = 3.73$$

$$\sin 160^\circ = 0.34$$

$$\csc 42^\circ = 1.49$$

$$\sin 35^\circ = 0.57$$

$$\cos 80^\circ = 0.17$$

$$\sec 110^\circ = -2.92$$

$$\tan 185^\circ = 0.09$$

$$\cos 235^\circ = -0.57$$