Name:

Date:

Trig ratios of General Angles

Use a calculator to find each. Round your answers to the nearest ten?thousandth.

1) $\sin -330^\circ$

2) $\sin 150^\circ$

3) $\cos 180^\circ$

4) $\sin -120^\circ$

5) $\sin 120^\circ$

6) $\cos 315^\circ$

Find the exact value of each trigonometric function. Some may be undefined.

7) $\cos \frac{11\pi}{6}$

8) $\cot \frac{5\pi}{3}$

9) $\sec 0$

10) $\sec -\frac{3\pi}{4}$

Answer Key - www.testinar.com

Scan me for more PRACTICE

testinar.com/t/?c=21

1) $\sin -330^\circ$

$\frac{1}{2}$

2) $\sin 150^\circ$

$\frac{1}{2}$

3) $\cos 180^\circ$

-1

4) $\sin -120^\circ$

$-\frac{\sqrt{3}}{2}$

5) $\sin 120^\circ$

$\frac{\sqrt{3}}{2}$

6) $\cos 315^\circ$

$-\frac{\sqrt{2}}{2}$

7) $\cos \frac{11\pi}{6}$

$\frac{\sqrt{3}}{2}$

8) $\cot \frac{5\pi}{3}$

$-\frac{\sqrt{3}}{3}$

9) $\sec 0$

1

10) $\sec -\frac{3\pi}{4}$

$-\sqrt{2}$