

ALG 2 TRIG - DAY 5**REVIEW SECT 13.1 - 13.3 (DEGREES)**

NAME

Key

Use the unit circle to draw the triangle in the correct quadrant and find the exact trig value. Make sure to check the sign (+ or -) of your answer. No calculators!

1. $\sin 150^\circ$

$\frac{1}{2}$

2. $\cos 135^\circ$

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

3. $\tan 210^\circ$

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

4. $\sin 315^\circ$

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

5. $\csc 30^\circ$

2

6. $\cot 240^\circ$

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

7. $\sin 300^\circ$

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

8. $\cos 45^\circ$

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

9. $\sec 120^\circ$

-2

10. $\tan 330^\circ$

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

11. $\tan 0^\circ$

0

12. $\sin 90^\circ$

1

13. $\csc 270^\circ$ 

14. $\cos 180^\circ$ 