

Name _____

Date _____

Reference Angles and Triangles - Independent Practice Worksheet

Complete all the problems.

1. The value of $\sin 440^\circ$ is equal to?
2. Write $\tan (-110^\circ)$ as a positive acute angle.
3. Give an exact value for $\cos 2\pi/3$.
4. If θ is an acute angle in standard position and $B (-3, 4)$ is a point on the terminal side of the angle, what is the value of $\sin \theta$?
5. The line $y=3x$ creates an acute angle θ when it crosses the x - axis. Find the exact value of $\sec \theta$?
6. Find the exact value of $\sin 135^\circ$.
7. Find the exact value of $\operatorname{cosec} 300^\circ$.
8. The value of $\sin 370^\circ$ is equal to?
9. The value of $\sin 420^\circ$ is equal to?
10. The value of $\sin 435^\circ$ is equal to?

