

Chapter 13 Test Review without Calculator

Name _____

Evaluate without using a calculator.

1. $\sin 30^\circ$

$\frac{1}{2}$

2. $\cot 45^\circ$

1

3. $\csc 30^\circ$

2

4. $\cos 45^\circ$

$\frac{\sqrt{2}}{2}$ or $\frac{1}{\sqrt{2}}$

5. $\sec 0^\circ$

$\frac{1}{\cos 0^\circ} = \frac{1}{1} = 1$

6. $\tan 180^\circ$

$\frac{y}{x} \tan 180^\circ = \frac{0}{-1} = 0$

7. $\sin 90^\circ$

1

8. $\cos 180^\circ$

-1

9. $\cot 270^\circ$

$\frac{x}{y} \cot 270^\circ = \frac{0}{-1} = 0$

