

Evaluating Trigonometric Functions: Hand Trick – Day 5
Unit 5: Right Triangles and Trigonometry

Using the hand trick discussed in class, give the exact value of each of the following trig functions:

Given Angle	Reference Angle	Quadrant Terminal Side is located in	Exact Value
1. $\csc 90^\circ$			
2. $\sec -225^\circ$			
3. $\cot -135^\circ$			
4. $\csc -120^\circ$			
5. $\sec 60^\circ$			
6. $\cot 150^\circ$			

Given Angle	Reference Angle	Quadrant Terminal Side is located in	Exact Value
7. $\csc \frac{3\pi}{4}$			
8. $\sec \frac{\pi}{3}$			
9. $\cot \frac{5\pi}{3}$			
10. $\csc -\frac{4\pi}{3}$			
11. $\sec -\frac{\pi}{2}$			
12. $\cot -\frac{7\pi}{6}$			