

Evaluating Trigonometric Functions: Hand Trick – Day 3
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. $\sin -210^\circ$			
2. $\cos 240^\circ$			
3. $\tan 270^\circ$			
4. $\sin 225^\circ$			
5. $\cos -360^\circ$			
6. $\tan -330^\circ$			

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