

## Evaluating Trigonometric Functions: Hand Trick – Day 1

### 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. $\sin 135^\circ$			
2. $\cos -240^\circ$			
3. $\tan -420^\circ$			
4. $\sin -300^\circ$			
5. $\cos 315^\circ$			
6. $\tan 330^\circ$			

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