

Name: _____ Per: _____ Date: _____

Coterminal Angles and Reference Angles

Given Angle	Degrees	0-360	Quadrant	Sign	Reference Angle	Stamp
1. $\sin \frac{6\pi}{5}$						
2. $\csc \frac{15\pi}{4}$						
3. $\tan -\frac{2\pi}{3}$						
4. $\cot \frac{7\pi}{4}$						
5. $\sec -\frac{3\pi}{5}$						
6. $\cos -\frac{3\pi}{2}$						
7. $\tan \frac{12\pi}{5}$						
8. $\sec \frac{11\pi}{6}$						
9. $\sin -\frac{\pi}{6}$						
10. $\tan -\frac{2\pi}{9}$						

Given Angle	Degrees	0-360	Quadrant	Sign	Reference Angle	Stamp
11. $\csc \frac{\pi}{3}$						
12. $\tan^{-1} \frac{\pi}{4}$						
13. $\cot \frac{3\pi}{8}$						
14. $\sin^{-1} \frac{8\pi}{3}$						
15. $\cot \frac{4\pi}{5}$						
16. $\tan \frac{7\pi}{5}$						
17. $\cos^{-1} \frac{\pi}{5}$						
18. $\sin^{-1} \frac{\pi}{8}$						
19. $\cos 4\pi$						
20. $\csc \frac{\pi}{9}$						