

Name:

**Section 4 – Using your Calculator to solve Trigonometric Functions**

Solve the following trigonometric functions for the given degree. Round to 4 decimal places.

1. $\sin 15^\circ =$	2. $\cos 143^\circ =$	3. $\sin 28^\circ =$
4. $\cos 270^\circ =$	5. $\sin 197^\circ =$	6. $\tan 45^\circ =$
7. $\sin 300^\circ =$	8. $\tan 90^\circ =$	9. $\cos 0^\circ =$
10. $\tan 0^\circ =$	11. $\cos 0^\circ =$	12. $\sin 210^\circ =$
13. $\cos 325^\circ =$	14. $\sin 5^\circ =$	15. $\tan 20^\circ =$
16. $\sin 60^\circ =$	17. $\tan 60^\circ =$	18. $\cos 200^\circ =$
19. $\cos 80^\circ =$	20. $\tan 75^\circ =$	21. $\sin 30^\circ =$
22. $\tan 270^\circ =$	23. $\sin 270^\circ =$	24. $\cos 90^\circ =$

Solve the trigonometric function to determine the degree. Round to 1 decimal place.

25. $\sin^{-1} 0.7431 =$	26. $\cos^{-1} 0.9659 =$	27. $\tan^{-1} 0.7002 =$
28. $\cos^{-1} 0.0872 =$	29. $\sin^{-1} 0.0000 =$	30. $\tan^{-1} 5.6713 =$
31. $\tan^{-1} 0.3640 =$	32. $\cos^{-1} 0.3420 =$	33. $\sin^{-1} 0.1736 =$
34. $\sin^{-1} 0.8660 =$	35. $\sin^{-1} 0.5000 =$	36. $\cos^{-1} 0.8660 =$
37. $\sin^{-1} 0.8192 =$	38. $\cos^{-1} 0.9397 =$	39. $\sin^{-1} 0.9848 =$
40. $\cos^{-1} 0.7071 =$	41. $\sin^{-1} 0.7071 =$	42. $\tan^{-1} 1.0000 =$
43. $\tan^{-1} 4.3561 =$	44. $\sin^{-1} 0.9659 =$	45. $\cos^{-1} 0.5736 =$
46. $\tan^{-1} 0.2679 =$	47. $\tan^{-1} 1.7321 =$	48. $\sin^{-1} 0.9563 =$

- The previous exercises were used to ensure you are comfortable with the use of your calculator