

Name: \_\_\_\_\_ Period: \_\_\_\_\_

Chapter 2, Calculator Review Worksheet

Find the value using a calculator. Round to two decimal places. Show all steps, not just the answer.

1)  $\sin 82^\circ =$

2)  $\tan(-58^\circ) =$

3)  $\cos 12^\circ =$

4)  $\sec 75^\circ =$

5)  $\csc 57^\circ =$

6)  $\cot 318^\circ =$

$$7) \sin 21^\circ 5' = \sin \left( 21^\circ + 5 \left( \frac{1^\circ}{60} \right) \right)$$

$$\approx \sin(21^\circ + 0.083^\circ)$$

$$\approx \sin(21.08^\circ)$$

$$\approx 0.35967$$

$$\approx 0.36$$

8)  $\tan 98^\circ 11' =$

9)  $\cos 42^\circ 27' =$

10)  $\csc 65^\circ 24' =$

11)  $\cot 81^\circ 9' =$

12)  $\sec 57^\circ 35' =$

Using degrees, find the value of the inverse trigonometric function using a calculator. Round answers to the nearest minute. Show all steps, not just the answer.

$$13) \sin^{-1}(0.2476) = 14.335^\circ$$

$$\approx 14.34^\circ$$

$$= 14^\circ + .34(60')$$

$$= 14^\circ + 20.4'$$

$$\approx 14^\circ 20'$$

14)  $\cos^{-1}(0.9321) =$

15)  $\tan^{-1}(1.2635) =$

16)  $\sec^{-1}(1.7628) =$

17)  $\cot^{-1}(1.8260) =$

18)  $\csc^{-1}(2.1716) =$

19)  $\tan^{-1}(0.4698) =$

20)  $\sec^{-1}(6.1247) =$

21)  $\csc^{-1}(1.1379) =$