

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

## Inverse Trigonometric Ratios

Using Calculator: S2

A) Find the value of each inverse trigonometric ratio in degrees. Round the answer to two decimal places.

1)  $\sin^{-1}(0.7004)$       2)  $\sec^{-1}(-1.8126)$       3)  $\cos^{-1}(-0.9531)$

4)  $\csc^{-1}(1.138)$

$\cot^{-1}(0.4215)$

B) Find the value of each inverse trigonometric ratio in radians. Round the answer to two decimal places.

in radians. Round

7)  $\tan^{-1}(0.224)$

$\sin^{-1}(-0.4512)$

10)  $\cot^{-1}(0.6077)$

11)  $\sec^{-1}(1.3824)$

12)  $\cos^{-1}(0.1658)$

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