

Name : _____

Inverse Trigonometric Ratios

Using Charts: S3

A) Find the value of each inverse trigonometric ratio in degrees.

1) $\tan^{-1}(\sqrt{3})$

2) $\sin^{-1}(0)$

3) $\sec^{-1}\left(\frac{2\sqrt{3}}{3}\right)$

4) $\csc^{-1}(\sqrt{2})$

$\cot^{-1}(0)$

B) Find the e

7) $\sin^{-1}\left(\frac{\sqrt{2}}{2}\right)$

c ratio in radians.

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

10) $\tan^{-1}(0)$

11) $\cot^{-1}\left(\frac{\sqrt{3}}{3}\right)$

12) $\sec^{-1}(\sqrt{2})$

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