

Trigonometric Functions (The Unit Circle) - Section 11

Directions:

Write your answers in the space provided. Show your work. Round your answers to the nearest hundredth unless otherwise indicated. Write your answers in the space provided.

Problem 1

1. $\sin^{-1}(\frac{1}{2})$
2. $\cos^{-1}(\frac{1}{2})$
3. $\tan^{-1}(\frac{1}{2})$
4. $\csc^{-1}(2)$
5. $\sec^{-1}(2)$

Problem 2

Find the value of the function. Round your answer to the nearest hundredth.

Problem 3

Find the value of the function. Round your answer to the nearest hundredth.

Problem 4

Find the value of the function. Round your answer to the nearest hundredth.

Problem 5

Find the value of the function. Round your answer to the nearest hundredth.

Problem 6

Find the value of the function. Round your answer to the nearest hundredth.

Problem 7

Find the value of the function. Round your answer to the nearest hundredth.

Problem 8

Find the value of the function. Round your answer to the nearest hundredth.

Problem 9