

Mathematics

(www.tiwariacademy.in)

(Chapter 2)(Inverse Trigonometric Functions)

(Class XII)

(Exemplar Problems)

Objective Type Questions

Fill in the blank in the following:

Question 48:

The value of $\cot^{-1}(-x)$ for all $x \in \mathbf{R}$ in terms of $\cot^{-1}x$ is _____.

Answer 48:

We know that:

$$\cot^{-1}(-x) = \pi - \cot^{-1}x$$

