SoulShift

SoulShift – Educational Q&A Platform

General Questions

Practice Questions

Q1. Which of the following represents the solution to the inequality: $x^2 - 9 > 0$?

  A. (-3, 3)

  B. $(-\infty, -3) \cup (3, \infty)$

  C. [-3, 3]

  D. (-3, 3]

Solution: Step 1: Factor the inequality: $(x - 3)(x + 3) > 0$. Step 2: The solution is outside the roots: $(-\infty, -3) \cup (3, \infty)$.