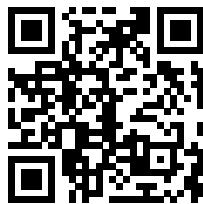




SoulShift - Educational Q&A Platform

General Questions

Practice Questions



Q1. What is the value of the discriminant for the equation $3x^2 + 12x + 9 = 0$?

- A. 0
- B. 36
- C. 12
- D. 24

*Solution: The discriminant is $b^2 - 4ac = 12^2 - 4*3*9 = 144 - 108 = 36$.*

Q2. What is the value of the discriminant for the equation $3x^2 + 12x + 12 = 0$?

- A. 0
- B. 12
- C. 36
- D. 24

Solution: The discriminant is $b^2 - 4ac = 12^2 - 4(3)(12) = 144 - 144 = 0$.



