SoulShift

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.

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