SASKATCHEWAN PRE-CALCULUS 20 · UNIT C · 5 QUESTIONS

Quadratic Functions and Equations — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **Solve : $x^2 - 36 = 0$. The positive root is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The vertex of $y = (x + 4)^2 - 4$ is**

A (-4, -4)

B (4, -4)

C (-4, 4)

D (4, 4)

Understand It with Pulse | Flag a mistake

3 **The roots of (x + 4)(x + 6) = 0 are**

A 4 and 6

B -4 and 6

C -4 and -6

D 4 and -6

Understand It with Pulse | Flag a mistake

4 **Solve : $x^2 - 16 = 0$. The positive root is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A roller coaster climbs a tall hill shaped like a parabola. The vertex of $y = (x + 3)^2 + 1$ is**



A (3, 1)

B (-3, -1)

C (-3, 1)

D (3, -1)

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 6
2. A
3. C
4. 4
5. C

© 2026 Brett Robbins. All Rights Reserved.