BRITISH COLUMBIA PRE-CALCULUS 11 (MPREC11) · UNIT B · 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 **The solutions of $x^2 + 6x + 5 = 0$ are**

- A -1 and -5
- B 1 and 5
- C -1 and 5
- D 1 and -5

Understand It with Pulse | Flag a mistake

2 The vertex of the parabola $y = x^2 + 4x + 3$ is

- A (2, -1)
- B (-2, -1)
- C (2, 1)
- D (-2, 1)

Understand It with Pulse | Flag a mistake

3 The vertex of the parabola $y = 3(x + 1)^2 - 4$ is

- A (1, -4)
- B (-1, -4)
- C (1, 4)
- D (-1, 4)

Understand It with Pulse | Flag a mistake

4 **The solutions of $x^2 + 3x = 10$ are**

- **A** 2 and -5
- **B** -2 and 5
- **C** 2 and 5
- **D** -2 and -5

Understand It with Pulse | Flag a mistake

5 **The vertex of the parabola $y = x^2 - 8x + 12$ is**

- **A** (4, -4)
- **B** (-4, -4)
- **C** (4, 4)
- **D** (-4, 4)

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. A
2. B
3. B
4. A
5. A

© 2026 Brett Robbins. All Rights Reserved.