Quadratic Functions and Equations — Practice Test

Northwest Territories Pre-Calculus 11 (MPREC11) • 5 questions

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)

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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)

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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

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

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

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ANSWER KEY

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

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