SASKATCHEWAN FOUNDATIONS OF MATHEMATICS 20 · UNIT F · 5 QUESTIONS

Quadratic Functions — 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 axis of symmetry of $3(x - 4)^2 + 1$ is**



A x = -4

B x = 4

C x = 1

D y = 4

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2 The factored form of $x^2 - 4x + 3$ is

- A $(x + 3)(x + 1)$
- B $(x - 3)(x - 1)$
- C $(x - 3)(x + 1)$
- D $(x + 3)(x - 1)$

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3 Solve : $x^2 = 36$. The positive root is

ANSWER _____

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4 **The axis of symmetry of $3(x + 4)^2 + 1$ is**

- **A** $x = 4$
- **B** $x = 1$
- **C** $x = -4$
- **D** $y = -4$

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5 **The factored form of $x^2 - 7x + 12$ is**

- **A** $(x + 4)(x + 3)$
- **B** $(x - 4)(x + 3)$
- **C** $(x + 4)(x - 3)$
- **D** $(x - 4)(x - 3)$

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ANSWER KEY

1. B
2. B
3. 6
4. C
5. D

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