ALBERTA MATH 30-1 · 5 QUESTIONS · 5 QUESTIONS

Radical 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 diagram below shows a radical function. The starting point (endpoint) of the graph is**

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

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2 The solution to the equation $\sqrt{2x - 3} = 5$ is



A 8

B 11

C 14

D 4

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3 The domain of the function $y = \sqrt{x + 8}$ is

- **A** $x \geq 8$
- **B** $x \leq -8$
- **C** $x \geq -1$
- **D** $x \geq -8$

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4 The solution to the equation $\sqrt{5x - 9} = 4$ is

ANSWER _____

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5 The y-intercept of the graph of $y = \sqrt{x + 16} - 3$ is

A 1

B 13

C -3

D 4

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ANSWER KEY

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

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