NUNAVUT MATHEMATICS 20-1 · UNIT 6 · 5 QUESTIONS

Absolute Value and Reciprocal 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 value of |4 - 9| + |-6| is**

- A 1
- B -11
- C -1
- D 11

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2 **The solutions to the equation |x + 6| = 11 are**

- **A** x = 5 and x = -17
- **B** x = -5 and x = 17
- **C** x = 5 and x = 17
- **D** x = -5 and x = -17

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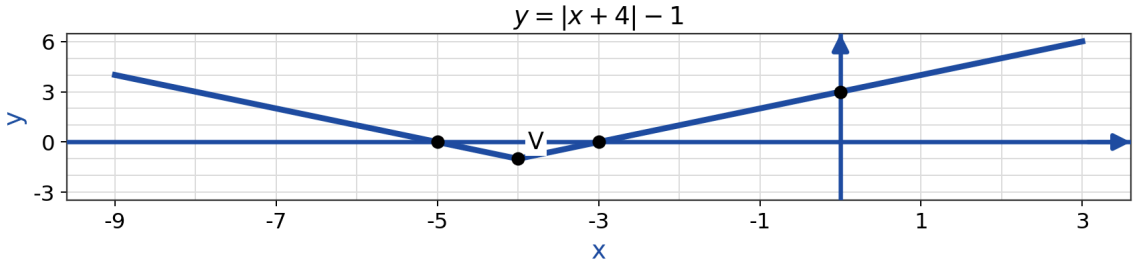
3 **The graph shown is an absolute value function with its vertex marked V. The coordinates of the vertex are**



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

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4 The non-permissible value of x for the function $y = \frac{1}{2x - 6}$ is

A x = -3

B x = 3

C x = 6

D x = -6

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5 The sum of the solutions to the equation |2x - 7| = 9 is ____.

ANSWER _____

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ANSWER KEY

1. D
2. A
3. C
4. B
5. 7

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