NOVA SCOTIA PRE-CALCULUS 11 · UNIT A

Absolute Value Functions — Practice Test

Nova Scotia Pre-Calculus 11 • 25 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 **For f(x) = |x + 5| , the value at x = 1 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The absolute value of 5 minus 3 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **The absolute value of -10 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 The equation |x| = 5 has a positive solution . That solution is

- A 5
- B 6
- C 4
- D 7

Understand It with Pulse | Flag a mistake

5 The largest solution of |x| = 6 is

ANSWER _____

Understand It with Pulse | Flag a mistake

6 The vertex of y = absolute value of x - 2 is at x =

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **Absolute value of -7 is**

- A -7
- B 0
- C 14
- D 7

Understand It with Pulse | Flag a mistake

8 **Shifting y = |x| left by 3 gives vertex at**

- A 3 , 0
- B -3 , 0
- C 0 , 3
- D 0 , -3

Understand It with Pulse | Flag a mistake

9 **Shifting y = |x| up by 4 gives vertex at**

- **A** 4 , 0
- **B** 0 , -4
- **C** 0 , 4
- **D** -4 , 0

Understand It with Pulse | Flag a mistake

10 **The absolute value of a number is its distance from**

- **A** One
- **B** Zero
- **C** Ten
- **D** Itself only

Understand It with Pulse | Flag a mistake

11 **The equation |x| = -2 has**

- A One solution
- B Two solutions
- C Infinite solutions
- D No solution

Understand It with Pulse | Flag a mistake

12 **The graph of y = |x| has shape**

- A A V shape
- B A straight line
- C A U shape
- D A circle

Understand It with Pulse | Flag a mistake

13 **The range of y = |x| is**

A Zero or greater

B All numbers

C Negative only

D Zero only

Understand It with Pulse | Flag a mistake

14 **For f(x) = |x + 3| , the value at x = 2 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

15 **The absolute value of 8 minus 2 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

16 **The absolute value of -12 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

17 **The equation |x| = 8 has a positive solution . That solution is**

A 9

B 8

C 7

D 10

Understand It with Pulse | Flag a mistake

18 **The largest solution of |x| = 10 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

19 **The vertex of y = absolute value of x - 4 is at x =**

ANSWER _____

Understand It with Pulse | Flag a mistake

20 **For f(x) = |x + 2| , the value at x = 3 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

21 **The absolute value of 4 minus 6 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

22 **The absolute value of -20 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

23 The equation |x| = 3 has a positive solution . That solution is

- A 4
- B 2
- C 3
- D 5

Understand It with Pulse | Flag a mistake

24 The largest solution of |x| = 4 is

ANSWER _____

Understand It with Pulse | Flag a mistake

25 The vertex of y = absolute value of x - 1 is at x =

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 6
2. 2
3. 10
4. A
5. 6
6. 2
7. D
8. B
9. C
10. B
11. D
12. A
13. A
14. 5
15. 6
16. 12
17. B
18. 10
19. 4
20. 5
21. 2
22. 20
23. C
24. 4
25. 1

© 2026 Brett Robbins. All Rights Reserved.