PRINCE EDWARD ISLAND PRE-CALCULUS 11 · UNIT E

Absolute Value Functions, Systems of Equations and Inequalities — Practice Test

Prince Edward Island Pre-Calculus 11 • 10 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 **Solve the system x + y = 14 x - y = 6 What is the value of y**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The system x + y = 10 and 2x + 2y = 20 has**

A. no solution

B. infinitely many solutions

C. one solution

D. two solutions

Understand It with Pulse | Flag a mistake

3 **Solve the system x + y = 11 x - y = 5 What is the value of x**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **The inequality |x| greater than 5 means x is less than -5 or greater than**

A -5

B 0

C 10

D 5

Understand It with Pulse | Flag a mistake

5 **The inequality |x| less than 3 means x is between**

- **A** 3 and infinity
- **B** negative infinity and 3
- **C** -3 and 3
- **D** 0 and 3

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6 **The interval for x greater than 2 and x less than 6 is written as**

- **A** [2, 6]
- **B** (6, 2)
- **C** (2, 6)
- **D** [2, 6)

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7 **The solution of a system of equations is the point where the graphs**

- **A** are parallel
- **B** are farthest apart
- **C** cross the y axis
- **D** intersect

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8 **The vertex of y = |x minus 2| plus 3 is at**

- **A** (2, 3)
- **B** (-2, 3)
- **C** (2, -3)
- **D** (-2, -3)

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9 **Solve the system x + y = 11 x - y = 5 What is the value of y**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **The system x + y = 5 and x + y = 7 has**

A one solution

B infinitely many solutions

C no solution

D two solutions

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ANSWER KEY

1. 4
2. B
3. 8
4. D
5. C
6. C
7. D
8. A
9. 3
10. C

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