NOVA SCOTIA PRE-CALCULUS 11 · UNIT D

Quadratic Equations and Linear and Quadratic Inequalities — Practice Test

Nova Scotia 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 $x^2 - 4x + 4 = 0$. The smaller root is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **For $x^2 + 3x + 2 = 0$, the discriminant is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **Solve $x^2 - 7x + 10 = 0$. The larger root is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **The inequality x greater than 3 means x is**

- A Equal to 3
- B Between 0 and 3
- C Larger than 3
- D Smaller than 3

Understand It with Pulse | Flag a mistake

5 **The solution of x^2 less than 4 includes x =**

- A 3
- B -3
- C 5
- D 0

Understand It with Pulse | Flag a mistake

6 **The vertex of a parabola is its**

- A Highest or lowest point
- B Slope
- C Domain
- D Intercept only

Understand It with Pulse | Flag a mistake

7 **Solve $x^2 - 6x + 5 = 0$. The smaller root is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **For $x^2 + 9x + 20 = 0$, the discriminant is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **Solve $x^2 - 7x + 12 = 0$. The larger root is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **Solve $x^2 - 8x + 12 = 0$. The smaller root is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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