SASKATCHEWAN PRE-CALCULUS 20 · UNIT C

Quadratic Functions and Equations — Practice Test

Saskatchewan Pre-Calculus 20 • 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 : $x^2 - 9 = 0$. The positive root is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The roots of $(x + 4)(x + 5) = 0$ are**

A -4 and -5

B 4 and 5

C -4 and 5

D 4 and -5

Understand It with Pulse | Flag a mistake

3 The vertex of $y = (x + 3)^2 + 4$ is

- A (3, 4)
- B (-3, -4)
- C (3, -4)
- D (-3, 4)

Understand It with Pulse | Flag a mistake

4 The axis of symmetry of $y = x^2 - 2x + 1$ is $x =$

ANSWER _____

Understand It with Pulse | Flag a mistake

5 Solve : $x^2 - 25 = 0$. The positive root is

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **The roots of (x + 6)(x - 2) = 0 are**

A 6 and -2

B -6 and 2

C -6 and -2

D 6 and 2

Understand It with Pulse | Flag a mistake

7 **The vertex of $y = (x + 4)^2 - 2$ is**

A (4, -2)

B (-4, -2)

C (-4, 2)

D (4, 2)

Understand It with Pulse | Flag a mistake

8 **Solve : $x^2 - 49 = 0$. The positive root is**

ANSWER

Understand It with Pulse | Flag a mistake

9 **The roots of $(x + 3)(x - 3) = 0$ are**

A 3 and -3

B -3 and -3

C 3 and 3

D -3 and 3

Understand It with Pulse | Flag a mistake

10 **The vertex of $y = (x - 2)^2 + 3$ is**

A (-2, 3)

B (2, -3)

C (2, 3)

D (-2, -3)

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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