SASKATCHEWAN PRE-CALCULUS 30 · UNIT D

Polynomial, Radical and Rational Functions — Practice Test

Saskatchewan Pre-Calculus 30 • 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 square root of x = 9 . The value of x is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **Solve : the square root of x = 2 . The value of x is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **For $P(x) = x^2 + 1$, the value $P(2)$ is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **For P(x) = x^2 + 3 , the value P(-3) is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **For P(x) = x^2 + 3 , the value P(-2) is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **The domain of y = the square root of x - 6 is**

A x > 6

B x ≥ 6

C x ≤ 6

D x ≥ -6

Understand It with Pulse | Flag a mistake

7 **By the factor theorem, x minus (-4) is a factor of P(x) if**

A P of -4 equals 1

B P of 0 equals -4

C P of -4 equals 0

D the degree is 4

Understand It with Pulse | Flag a mistake

8 **A polynomial of degree 3 has at most how many x-intercepts**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **By the factor theorem, x minus 5 is a factor of P(x) if**

- **A** P of 5 equals 1
- **B** P of 0 equals 5
- **C** the degree is 5
- **D** P of 5 equals 0

Understand It with Pulse | Flag a mistake

10 **For $P(x) = x^2 + 2$, the value $P(2)$ is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 81
2. 4
3. 5
4. 12
5. 7
6. B
7. C
8. 3
9. D
10. 6

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