Functions and Polynomial Functions — Practice Test

Prince Edward Island Foundations of Mathematics 12 • 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 **When the polynomial $1x^3 + 2x^2 - 5x + 3$ is / $(x - 2)$, the remainder is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **For the polynomial function with value given by $1x^2 + 5x - 3$, the value at $x = 2$ is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A function is even when its graph is symmetric about the**

- A origin only
- B y axis
- C x axis
- D line y equals x

Understand It with Pulse | Flag a mistake

4 **A function is odd when its graph is symmetric about the**

- A origin
- B y axis
- C x axis
- D line y equals 1

Understand It with Pulse | Flag a mistake

5 **The sum of the zeros of $x^2 + 5x + 6$ is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **The y intercept of the function negative $x^2 + 5$ is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **The y intercept of the function $3x^2 + 2x + 4$ is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **When the polynomial $1x^3 - 2x^2 + 4x - 1$ is / $(x - 3)$, the remainder is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **For the polynomial function with value given by $-2x^2 + 3x + 6$, the value at $x = 2$ is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **When the polynomial $3x^3 + 0x^2 - 2x + 7$ is / $(x - 1)$, the remainder is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	9	**5.**	-5	**9.**	4
2.	11	**6.**	5	**10.**	8
3.	B	**7.**	4		
4.	A	**8.**	20		

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