FUNCTIONS: POLYNOMIAL, EXPONENTIAL, LOGARITHMIC, AND SINUSOIDAL - PRACTICE TEST | NEW BRUNSWICK FOUNDATIONS OF MATHEMATICS 120 · UNIT E · 10 QUESTIONS

Functions: Polynomial, Exponential, Logarithmic, and Sinusoidal — Practice Test

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 **For the polynomial function of degree 3 with leading coefficient 2, the degree is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **For the polynomial function of degree 4 with leading coefficient 3, the degree is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **For the polynomial function of degree 2 with leading coefficient 5, the degree is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **For the polynomial function of degree 5 with leading coefficient 4, the degree is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **For the polynomial function of degree 3 with leading coefficient 3, the degree is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **For the polynomial function of degree 6 with leading coefficient 2, the degree is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **The function $f(x) = x^2$ has this many real roots counting multiplicity at most**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **The function $f(x) = x^3$ has this many real roots counting multiplicity at most**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **The function $f(x) = x^4$ has this many real roots counting multiplicity at most**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **The function $f(x) = x^5$ has this many real roots counting multiplicity at most**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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