Exponents, Radicals and Polynomials — Practice Test

Prince Edward Island Foundations of Mathematics and Pre-Calculus 10 • 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 **In algebra work, what is the main purpose or meaning of simplify?**

- A number showing repeated multiplication
- B symbol for a root
- C sum of terms with powers
- D rewrite in simplest form

Understand It with Pulse | Flag a mistake

2 **Evaluate $3x^2$ when $x = 4$. The value is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **Evaluate 2x + 2 when x = 6 . The value is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **Evaluate $6x^2$ when x = 2 . The value is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **Evaluate 2x + 4 when x = 2 . The value is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **Evaluate $2x^2$ when x = 4 . The value is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **Evaluate 2x + 3 when x = 4 . The value is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **Evaluate $4x^2$ when x = 3 . The value is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **Evaluate 2x + 3 when x = 5 . The value is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **Evaluate $5x^2$ when x = 3 . The value is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	D	**5.**	8	**9.**	13
2.	48	**6.**	32	**10.**	45
3.	14	**7.**	11		
4.	24	**8.**	36		

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