POLYNOMIALS AND FACTORING: POLYNOMIAL EXPRESSIONS AND TRINOMIAL FACTORING - PRACTICE TEST | NEW BRUNSWICK NUMBER, RELATIONS AND FUNCTIONS 10 · UNIT C · 5 QUESTIONS

Polynomials and Factoring: Polynomial Expressions and Trinomial Factoring, 5-question test — 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 2 x squared plus 3 x plus 1 the value when x equals 3 is

Question 1

Factoring $x^2 + 6x + 8$ gives

A) x plus 1 times x plus 8

B) x plus 2 times x plus 4

C) x plus 3 times x plus 3

D) x minus 2 times x minus 4

ANSWER

Understand It with Pulse

Flag a mistake

2 **For the polynomial x squared plus 4 x plus 4 the value when x equals 2 is**

Question 2

For the polynomial $4x^2 + 1x + 3$ the value when $x = 2$ is

ANSWER

Understand It with Pulse | Flag a mistake

3 **The degree of the polynomial 2 x to the power 4 plus x is**

Question 3

The product of x minus 3 and x plus 3 has constant term

ANSWER

Understand It with Pulse | Flag a mistake

4 Expanding 4 times the quantity x plus 3 gives a constant term of

Question 4

Factoring $x^2 + 5x + 6$ gives

A) x plus 1 times x plus 6

B) x plus 5 times x plus 1

C) x plus 2 times x plus 3

D) x minus 2 times x minus 3

ANSWER

Understand It with Pulse | Flag a mistake

5 The product of x plus 6 and x plus 2 has constant term

Question 5

For the polynomial $2x^2 + 2x + 5$ the value when $x = 2$ is

ANSWER

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ANSWER KEY

1. 28
2. 16
3. 4
4. 12
5. 12

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