Find the degree of the polynomial $2x^3 + 4$.

Is $3x^2 + 4x + 5$ a monomial, a binomial, or a trinomial?

Find the leading coefficient of the polynomial $2x^2 + 3$.

Classify $-5x^3 - 2x^2 - 5x + 4$ by its degree: constant, linear, quadratic, or cubic?

Add: $(4x^2 + 3x + 2) + (4x^2 + 2x + 2)$

Find the degree of the polynomial $3x^3 + 5x$.

Is x^2 a monomial, a binomial, or a trinomial?

Subtract: $(5x^2 + 5x + 1) - (4x^2 + 4x + 5)$

Classifying & Adding/Subtracting Polynomials · 2

ANSWER

trinomial

Classifying & Adding/Subtracting Polynomials · 1

ANSWER

3

Classifying & Adding/Subtracting Polynomials · 4

ANSWER

cubic

Classifying & Adding/Subtracting Polynomials · 3

ANSWER

2

Classifying & Adding/Subtracting Polynomials · 6

ANSWER

3

Classifying & Adding/Subtracting Polynomials · 5

ANSWER

$8x^2 + 5x + 4$

Classifying & Adding/Subtracting Polynomials · 8

ANSWER

$x^2 + x - 4$

Classifying & Adding/Subtracting Polynomials · 7

ANSWER

monomial

Find the degree of the polynomial $3x^3 + 6x^2 + 5x + 1$.

Is $5x^2 + 5$ a monomial, a binomial, or a trinomial?

Find the leading coefficient of the polynomial $-5x^2 + 6x + 2$.

Classify $-5x - 1$ by its degree: constant, linear, quadratic, or cubic?

Add: $(6x^2 + x + 2) + (x^2 + x + 5)$

Find the degree of the polynomial $3x^3 + 3x^2$.

Is $-4x^3 - 3x$ a monomial, a binomial, or a trinomial?

Subtract: $(4x^2 + 5x + 4) - (6x^2 + 6x + 3)$

Classifying & Adding/Subtracting Polynomials · 10

ANSWER

binomial

Classifying & Adding/Subtracting Polynomials · 9

ANSWER

3

Classifying & Adding/Subtracting Polynomials · 12

ANSWER

linear

Classifying & Adding/Subtracting Polynomials · 11

ANSWER

-5

Classifying & Adding/Subtracting Polynomials · 14

ANSWER

3

Classifying & Adding/Subtracting Polynomials · 13

ANSWER

$7x^2 + 2x + 7$

Classifying & Adding/Subtracting Polynomials · 16

ANSWER

$-2x^2 - x + 1$

Classifying & Adding/Subtracting Polynomials · 15

ANSWER

binomial

Write in standard form: $7 + 5x^3 - 3x^4$

Find the leading coefficient of the polynomial $2x^3 - 2x^4 - 3x$.

Name $-6x^3 + 2x$ by its degree and its number of terms (for example: quadratic trinomial).

Add: $(6x^2 - 7x - 2) + (3x^2 + 5x - 2)$

Subtract: $(-3x^2 - x - 5) - (7x^2 - 7x + 2)$

Find the degree of the polynomial $7x^3 - 5x^4$.

Name $x^2 + 5x + 7$ by its degree and its number of terms (for example: quadratic trinomial).

Subtract: $(-6x^2 + 2x - 5) - (7x^2 + 4x + 5)$

Classifying & Adding/Subtracting Polynomials · 18

ANSWER

-2

Classifying & Adding/Subtracting Polynomials · 17

ANSWER

$-3x^4 + 5x^3 + 7$

Classifying & Adding/Subtracting Polynomials · 20

ANSWER

$9x^2 - 2x - 4$

Classifying & Adding/Subtracting Polynomials · 19

ANSWER

cubic binomial

Classifying & Adding/Subtracting Polynomials · 22

ANSWER

4

Classifying & Adding/Subtracting Polynomials · 21

ANSWER

$-10x^2 + 6x - 7$

Classifying & Adding/Subtracting Polynomials · 24

ANSWER

$-13x^2 - 2x - 10$

Classifying & Adding/Subtracting Polynomials · 23

ANSWER

quadratic trinomial