Write in standard form: $-5x^{4} - 2 + 3x^{3}$

Find the leading coefficient of the polynomial $2x^{3} + 5x^{4} - 2x^{2}$.

Name -7x by its degree and its number of terms (for example: quadratic trinomial).

Add: $(x^{2} - 7x + 2) + (5x^{2} + 7x - 4)$

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

Find the degree of the polynomial $3x - 5x^{2}$.

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

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

Classifying & Adding/Subtracting Polynomials · 2

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5

Classifying & Adding/Subtracting Polynomials · 1

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$3x^4 - 5x^3 - 2$

Classifying & Adding/Subtracting Polynomials · 4

ANSWER

$6x^2 - 2$

Classifying & Adding/Subtracting Polynomials · 3

ANSWER

linear monomial

Classifying & Adding/Subtracting Polynomials · 6

ANSWER

2

Classifying & Adding/Subtracting Polynomials · 5

ANSWER

$-4x^2 + x + 1$

Classifying & Adding/Subtracting Polynomials · 8

ANSWER

$2x^2 + 8x - 2$

Classifying & Adding/Subtracting Polynomials · 7

ANSWER

linear binomial

Write in standard form: $-8 - 6x^2 + 8x$

Find the leading coefficient of the polynomial $-x^2 - 6x^3$.

Name $6x^3 + x^2 + 4$ by its degree and its number of terms (for example: quadratic trinomial).

Add: $(x^2 + 8x + 4) + (-6x^2 + 8x - 2)$

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

Find the degree of the polynomial $6x + 8x^4$.

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

Subtract: $(3x^2 + 4x + 3) - (6x^2 + 9x + 2)$

Classifying & Adding/Subtracting Polynomials · 10

ANSWER

-6

Classifying & Adding/Subtracting Polynomials · 9

ANSWER

$8x^4 - 6x^2 - 8$

Classifying & Adding/Subtracting Polynomials · 12

ANSWER

$-5x^2 + 16x + 2$

Classifying & Adding/Subtracting Polynomials · 11

ANSWER

cubic trinomial

Classifying & Adding/Subtracting Polynomials · 14

ANSWER

4

Classifying & Adding/Subtracting Polynomials · 13

ANSWER

$5x^2 - 9x - 3$

Classifying & Adding/Subtracting Polynomials · 16

ANSWER

$-3x^2 - 5x + 1$

Classifying & Adding/Subtracting Polynomials · 15

ANSWER

quadratic

monomial

Name $-8x^3 - 2 - 6x^4$ by its degree and its number of terms (for example: quadratic trinomial).

Write in standard form: $x^2 - 5x + 5x^5$

Subtract $(2x^3 + 7x^2 + 5)$ from $(4x^3 + 2x - 8)$.

Add: $(4x^3 + 10x^2 - 7) + (4x^3 + 7x + 6)$

Find the leading coefficient of the polynomial $-1 - 8x^2$.

Subtract: $(8x^3 + 6x^2 + 2x) - (-10x^3 - 9x^2 + 3)$

Find the degree of the polynomial $-2x^5 - 2x^6$.

Subtract $(9x^3 - 8x - 3)$ from $(-9x^3 - 9x^2 + 7)$.

Classifying & Adding/Subtracting Polynomials · 18

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$5x^5 + x^2 - 5x$

Classifying & Adding/Subtracting Polynomials · 17

ANSWER

quartic trinomial

Classifying & Adding/Subtracting Polynomials · 20

ANSWER

$8x^3 + 10x^2 + 7x - 1$

Classifying & Adding/Subtracting Polynomials · 19

ANSWER

$2x^3 - 7x^2 + 2x - 13$

Classifying & Adding/Subtracting Polynomials · 22

ANSWER

$18x^3 + 15x^2 + 2x - 3$

Classifying & Adding/Subtracting Polynomials · 21

ANSWER

-8

Classifying & Adding/Subtracting Polynomials · 24

ANSWER

$-18x^3 - 9x^2 + 8x + 10$

Classifying & Adding/Subtracting Polynomials · 23

ANSWER

6