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

Write in standard form: $8x^5 - 10x - 4 - 10x^3$

Subtract $(-3x^3 + 9x^2 + 9)$ from $(-4x^3 + x^2 - 8)$.

Add: $(4x^3 + 7x^2 + 11x) + (-2x^3 + 8x^2 + 11x)$

Find the leading coefficient of the polynomial $3x^2 + 10x^6$.

Subtract: $(8x^3 + 10x + 7) - (11x^3 + 8x + 6)$

Find the degree of the polynomial $-8x - 2x^6$.

Subtract $(8x^3 + 6x^2 + 3x)$ from $(4x^3 + x^2 + 11x)$.

Classifying & Adding/Subtracting Polynomials · 2

ANSWER

$8x^5 - 10x^3 - 10x - 4$

Classifying & Adding/Subtracting Polynomials · 1

ANSWER

quartic binomial

Classifying & Adding/Subtracting Polynomials · 4

ANSWER

$2x^3 + 15x^2 + 22x$

Classifying & Adding/Subtracting Polynomials · 3

ANSWER

$-x^3 - 8x^2 - 17$

Classifying & Adding/Subtracting Polynomials · 6

ANSWER

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

Classifying & Adding/Subtracting Polynomials · 5

ANSWER

10

Classifying & Adding/Subtracting Polynomials · 8

ANSWER

$-4x^3 - 5x^2 + 8x$

Classifying & Adding/Subtracting Polynomials · 7

ANSWER

6

Classifying & Adding/Subtracting Polynomials · 9

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

Classifying & Adding/Subtracting Polynomials · 10

Write in standard form: $-11x^2 + 11x^6 + 12x^3$

Classifying & Adding/Subtracting Polynomials · 11

Subtract $(-6x^3 - 9x^2 + 6)$ from $(-5x^3 - 9x^2 + 5)$.

Classifying & Adding/Subtracting Polynomials · 12

Add: $(5x^3 + 4x^2 + 4) + (-9x^3 + 7x - 2)$

Classifying & Adding/Subtracting Polynomials · 13

Find the leading coefficient of the polynomial $-2x^2 - 7 + 12x$.

Classifying & Adding/Subtracting Polynomials · 14

Subtract: $(2x^3 - 3x^2 + 8x) - (10x^3 - 11x^2 + 11)$

Classifying & Adding/Subtracting Polynomials · 15

Find the degree of the polynomial $-4 + 10x^6$.

Classifying & Adding/Subtracting Polynomials · 16

Subtract $(6x^3 + 11x^2 - 12)$ from $(9x^3 + 4x^2 - 8)$.

Classifying & Adding/Subtracting Polynomials · 10

ANSWER

$11x^6 + 12x^3 - 11x^2$

Classifying & Adding/Subtracting Polynomials · 9

ANSWER

quadratic binomial

Classifying & Adding/Subtracting Polynomials · 12

ANSWER

$-4x^3 + 4x^2 + 7x + 2$

Classifying & Adding/Subtracting Polynomials · 11

ANSWER

$x^3 - 1$

Classifying & Adding/Subtracting Polynomials · 14

ANSWER

$-8x^3 + 8x^2 + 8x - 11$

Classifying & Adding/Subtracting Polynomials · 13

ANSWER

-2

Classifying & Adding/Subtracting Polynomials · 16

ANSWER

$3x^3 - 7x^2 + 4$

Classifying & Adding/Subtracting Polynomials · 15

ANSWER

6

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

Write in standard form: $-10 + 11x^5 + 9x^2$

Subtract $(10x^3 - 9x + 10)$ from $(-6x^3 + 7x + 5)$.

Add: $(-7x^3 - 8x^2 + 10) + (4x^3 - 10x + 10)$

Find the leading coefficient of the polynomial $-1 + 8x^3 - 11x^2 + 5x$.

Subtract: $(8x^3 + 10x + 11) - (11x^3 + 10x^2 + 7x)$

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

Subtract $(10x^3 - 9x^2 + 8x)$ from $(-5x^3 - 6x + 11)$.

Classifying & Adding/Subtracting Polynomials · 18

ANSWER

$11x^5 + 9x^2 - 10$

Classifying & Adding/Subtracting Polynomials · 17

ANSWER

quadratic monomial

Classifying & Adding/Subtracting Polynomials · 20

ANSWER

$-3x^3 - 8x^2 - 10x + 20$

Classifying & Adding/Subtracting Polynomials · 19

ANSWER

$-16x^3 + 16x - 5$

Classifying & Adding/Subtracting Polynomials · 22

ANSWER

$-3x^3 - 10x^2 + 3x + 11$

Classifying & Adding/Subtracting Polynomials · 21

ANSWER

8

Classifying & Adding/Subtracting Polynomials · 24

ANSWER

$-15x^3 + 9x^2 - 14x + 11$

Classifying & Adding/Subtracting Polynomials · 23

ANSWER

2