Task card 1 Classifying & Adding/Subtracting P...

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

Task card 2 Classifying & Adding/Subtracting P...

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

Task card 3 Classifying & Adding/Subtracting P...

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

Task card 4 Classifying & Adding/Subtracting P...

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

Task card 5 Classifying & Adding/Subtracting P...

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

Task card 6 Classifying & Adding/Subtracting P...

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

Task card 7 Classifying & Adding/Subtracting P...

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

Task card 8 Classifying & Adding/Subtracting P...

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

Task card 9 Classifying & Adding/Subtracting P...

Write in standard form: $-8 - 6x^2 + 8x^4$

Task card 10 Classifying & Adding/Subtracting P...

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

Task card 11 Classifying & Adding/Subtracting P...

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

Task card 12 Classifying & Adding/Subtracting P...

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

Task card 13 Classifying & Adding/Subtracting P...

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

Task card 14 Classifying & Adding/Subtracting P...

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

Task card 15 Classifying & Adding/Subtracting P...

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

Task card 16 Classifying & Adding/Subtracting P...

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

Task card 17 Classifying & Adding/Subtracting P...

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

Task card 18 Classifying & Adding/Subtracting P...

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

Task card 19 Classifying & Adding/Subtracting P...

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

Task card 20 Classifying & Adding/Subtracting P...

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

Task card 21 Classifying & Adding/Subtracting P...

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

Task card 22 Classifying & Adding/Subtracting P...

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

Task card 23 Classifying & Adding/Subtracting P...

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

Task card 24 Classifying & Adding/Subtracting P...

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

Classifying & Adding/Subtracting Polynomials Task Cards

Recording sheet · Grade 9 · Write polynomials in standard form (highest power first) and type powers with ^, like 3x^2 - 5x + 1. Name polynomials with words, like quadratic trinomial.

Scan to check your answers

Name: _____ Date: _____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Classifying & Adding/Subtracting Polynomials Task Cards: Answer Key

Grade 9 · Medium

The answers online

1. $3x^4 - 5x^3 - 2$	**2.** 5	**3.** linear monomial
4. $6x^2 - 2$	**5.** $-4x^2 + x + 1$	**6.** 2
7. linear binomial	**8.** $2x^2 + 8x - 2$	**9.** $8x^4 - 6x^2 - 8$
10. -6	**11.** cubic trinomial	**12.** $-5x^2 + 16x + 2$
13. $5x^2 - 9x - 3$	**14.** 4	**15.** quadratic monomial
16. $-3x^2 - 5x + 1$	**17.** quartic trinomial	**18.** $5x^5 + x^2 - 5x$
19. $2x^3 - 7x^2 + 2x - 13$	**20.** $8x^3 + 10x^2 + 7x - 1$	**21.** -8
22. $18x^3 + 15x^2 + 2x - 3$	**23.** 6	**24.** $-18x^3 - 9x^2 + 8x + 10$