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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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The answers online

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