Task card 1 Polynomial Operations

Simplify: $(3x^2 + 2x) + (9x^2 - 2x)$

Task card 2 Polynomial Operations

Simplify: $(-9x^2 - 3x) - (-8x^2 - 8x)$

Task card 3 Polynomial Operations

Simplify: $(8x^2 - 7x) + (6x^2 - 2x)$

Task card 4 Polynomial Operations

Simplify: $(8x^2 - 2x) + (5x^2 + 7x)$

Task card 5 Polynomial Operations

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

Task card 6 Polynomial Operations

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

Task card 7 Polynomial Operations

Simplify: $(-5x^2 + 4x) + (-9x^2 - 6x)$

Task card 8 Polynomial Operations

Simplify: $(10x^2 + 6x) - (5x^2 + 3x)$

Task card 9 Polynomial Operations

Simplify: $(-2x^2 - 4x) + (-8x^2 - 5x)$

Task card 10 Polynomial Operations

Simplify: $(5x^2 - 4x) - (3x^2 + 10x)$

Task card 11 Polynomial Operations

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

Task card 12 Polynomial Operations

Simplify: $(7x^2 + 6x) - (x^2 - 6x)$

Task card 13 Polynomial Operations

Simplify: $(x^2 + 6x) + (8x^2 - 8x)$

Task card 14 Polynomial Operations

Simplify: $(5x^2 + 10x) - (-x^2 - 4x)$

Task card 15 Polynomial Operations

Simplify: $(7x^2 - 6x) - (-9x^2 + 9x)$

Task card 16 Polynomial Operations

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

Task card 17 Polynomial Operations

Simplify: $(-6x^2 + 6x) - (-7x^2 - 7x)$

Task card 18 Polynomial Operations

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

Task card 19 Polynomial Operations

Simplify: $(-x^2 - 8x) + (9x^2 + 10x)$

Task card 20 Polynomial Operations

Simplify: $(-7x^2 - 10x) + (-6x^2 + 9x)$

Task card 21 Polynomial Operations

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

Task card 22 Polynomial Operations

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

Task card 23 Polynomial Operations

Simplify: $(8x^2 + 2x) + (3x^2 - 4x)$

Task card 24 Polynomial Operations

Simplify: $(3x^2 + 7x) - (-x^2 - x)$

Polynomial Operations Task Cards

Recording sheet · Grade 9 · Simplify each expression.

Name: _____ Date: _____

Scan to check your answers

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

Polynomial Operations Task Cards: Answer Key

Grade 9 · Hard

The answers online

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