Task card 1 Multiplying Polynomials & Special...

$$(2x - 2)(4x - 5)$$

Task card 2 Multiplying Polynomials & Special...

$$(2x + 3)^2$$

Task card 3 Multiplying Polynomials & Special...

$$(6x + 2)(6x - 2)$$

Task card 4 Multiplying Polynomials & Special...

$$3x(5x^2 + 3x + 7)$$

Task card 5 Multiplying Polynomials & Special...

$$(4x + 4)(6x - 8)$$

Task card 6 Multiplying Polynomials & Special...

$$(5x + 1)^2$$

Task card 7 Multiplying Polynomials & Special...

$$(5x + 1)(5x - 1)$$

Task card 8 Multiplying Polynomials & Special...

$$-5x^2(6x^2 - 6x + 7)$$

Task card 9 Multiplying Polynomials & Special...

$$(2x - 9)(2x - 2)$$

Task card 10 Multiplying Polynomials & Special...

$$(6x + 4)^2$$

Task card 11 Multiplying Polynomials & Special...

$$(2x + 9)(2x - 9)$$

Task card 12 Multiplying Polynomials & Special...

$$2x(3x^2 - 3x + 8)$$

Task card 13 Multiplying Polynomials & Special...

$$(2x + 1)(x + 3)$$

Task card 14 Multiplying Polynomials & Special...

$$(5x - 6)^2$$

Task card 15 Multiplying Polynomials & Special...

$$-2x^2(4x^2 + 8x - 8)$$

Task card 16 Multiplying Polynomials & Special...

$$(5x - 1)(x - 5)$$

Task card 17 Multiplying Polynomials & Special...

$$(6x + 3)^2$$

Task card 18 Multiplying Polynomials & Special...

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

Task card 19 Multiplying Polynomials & Special...

$$(x + 6)(x - 6)$$

Task card 20 Multiplying Polynomials & Special...

$$(3x + 3)(3x + 8)$$

Task card 21 Multiplying Polynomials & Special...

$$(3x + 9)^2$$

Task card 22 Multiplying Polynomials & Special...

$$(x + 5)(3x^2 + 9x + 2)$$

Task card 23 Multiplying Polynomials & Special...

$$(5x + 9)(5x - 9)$$

Task card 24 Multiplying Polynomials & Special...

$$(5x - 1)(4x - 8)$$

Multiplying Polynomials & Special Products Task Cards

Recording sheet · Grade 9 · Multiply. Write each answer in standard form (highest power first).

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

Multiplying Polynomials & Special Products Task Cards: Answer Key

Grade 9 · Medium

The answers online

1. $8x^2 - 18x + 10$	**2.** $4x^2 + 12x + 9$	**3.** $36x^2 - 4$
4. $15x^3 + 9x^2 + 21x$	**5.** $24x^2 - 8x - 32$	**6.** $25x^2 + 10x + 1$
7. $25x^2 - 1$	**8.** $-30x^4 + 30x^3 - 35x^2$	**9.** $4x^2 - 22x + 18$
10. $36x^2 + 48x + 16$	**11.** $4x^2 - 81$	**12.** $6x^3 - 6x^2 + 16x$
13. $2x^2 + 7x + 3$	**14.** $25x^2 - 60x + 36$	**15.** $-8x^4 - 16x^3 + 16x^2$
16. $5x^2 - 26x + 5$	**17.** $36x^2 + 36x + 9$	**18.** $x^3 - 3x^2 - 47x - 35$
19. $x^2 - 36$	**20.** $9x^2 + 33x + 24$	**21.** $9x^2 + 54x + 81$
22. $3x^3 + 24x^2 + 47x + 10$	**23.** $25x^2 - 81$	**24.** $20x^2 - 44x + 8$