Task card 1 Multiplying Polynomials & Special...

$$(2x - 9)(x - 1)$$

Task card 2 Multiplying Polynomials & Special...

$$(4x - 3)^2$$

Task card 3 Multiplying Polynomials & Special...

$$(x - 1)(3x^2 - x - 7)$$

Task card 4 Multiplying Polynomials & Special...

$$(4x + 4)(4x - 4)$$

Task card 5 Multiplying Polynomials & Special...

$$(6x + 8)(5x - 3)$$

Task card 6 Multiplying Polynomials & Special...

$$(x + 9)^2$$

Task card 7 Multiplying Polynomials & Special...

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

Task card 8 Multiplying Polynomials & Special...

$$(x + 3)(x - 3)$$

Task card 9 Multiplying Polynomials & Special...

$$(2x + 7)(-4x + 3)$$

Task card 10 Multiplying Polynomials & Special...

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

Task card 11 Multiplying Polynomials & Special...

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

Task card 12 Multiplying Polynomials & Special...

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

Task card 13 Multiplying Polynomials & Special...

$$(2x - 3)(4x - 6)$$

Task card 14 Multiplying Polynomials & Special...

$$(2x - 2)^2$$

Task card 15 Multiplying Polynomials & Special...

$$(x + 1)(x^2 - x + 8)$$

Task card 16 Multiplying Polynomials & Special...

$$(4x + 3)(4x - 3)$$

Task card 17 Multiplying Polynomials & Special...

$$(5x + 7)(-x + 4)$$

Task card 18 Multiplying Polynomials & Special...

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

Task card 19 Multiplying Polynomials & Special...

$$(x - 7)(2x^2 + 8x + 1)$$

Task card 20 Multiplying Polynomials & Special...

$$(2x + 1)(2x - 1)$$

Task card 21 Multiplying Polynomials & Special...

$$(4x + 4)(-6x + 7)$$

Task card 22 Multiplying Polynomials & Special...

$$(x - 3)^2$$

Task card 23 Multiplying Polynomials & Special...

$$(x - 3)(3x^2 - 3x - 1)$$

Task card 24 Multiplying Polynomials & Special...

$$(6x + 9)(6x - 9)$$

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 · Hard

The answers online

1. $2x^2 - 11x + 9$	**2.** $16x^2 - 24x + 9$	**3.** $3x^3 - 4x^2 - 6x + 7$
4. $16x^2 - 16$	**5.** $30x^2 + 22x - 24$	**6.** $x^2 + 18x + 81$
7. $2x^3 + 13x^2 + 16x - 15$	**8.** $x^2 - 9$	**9.** $-8x^2 - 22x + 21$
10. $25x^2 + 10x + 1$	**11.** $3x^3 - 16x^2 - 2x + 35$	**12.** $4x^2 - 36$
13. $8x^2 - 24x + 18$	**14.** $4x^2 - 8x + 4$	**15.** $x^3 + 7x + 8$
16. $16x^2 - 9$	**17.** $-5x^2 + 13x + 28$	**18.** $9x^2 + 18x + 9$
19. $2x^3 - 6x^2 - 55x - 7$	**20.** $4x^2 - 1$	**21.** $-24x^2 + 4x + 28$
22. $x^2 - 6x + 9$	**23.** $3x^3 - 12x^2 + 8x + 3$	**24.** $36x^2 - 81$