Task card 1 Multiplying Polynomials & Special...

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

Task card 2 Multiplying Polynomials & Special...

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

Task card 3 Multiplying Polynomials & Special...

$(3x - 3)^2$

Task card 4 Multiplying Polynomials & Special...

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

Task card 5 Multiplying Polynomials & Special...

$4x^2(x^2 + 5x + 6)$

Task card 6 Multiplying Polynomials & Special...

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

Task card 7 Multiplying Polynomials & Special...

$$(x + 4)^2$$

Task card 8 Multiplying Polynomials & Special...

$$(3x + 1)(3x - 1)$$

Task card 9 Multiplying Polynomials & Special...

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

Task card 10 Multiplying Polynomials & Special...

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

Task card 11 Multiplying Polynomials & Special...

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

Task card 12 Multiplying Polynomials & Special...

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

Task card 13 Multiplying Polynomials & Special...

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

Task card 14 Multiplying Polynomials & Special...

$(3x + 5)(x + 1)$

Task card 15 Multiplying Polynomials & Special...

$(3x + 4)^2$

Task card 16 Multiplying Polynomials & Special...

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

Task card 17 Multiplying Polynomials & Special...

$(4x + 2)(5x - 7)$

Task card 18 Multiplying Polynomials & Special...

$(x + 6)^2$

Task card 19 Multiplying Polynomials & Special...

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

Task card 20 Multiplying Polynomials & Special...

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

Task card 21 Multiplying Polynomials & Special...

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

Task card 22 Multiplying Polynomials & Special...

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

Task card 23 Multiplying Polynomials & Special...

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

Task card 24 Multiplying Polynomials & Special...

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

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 · Easy

The answers online

1. $-8x^4 + 4x^3 - 8x^2$	**2.** $6x^2 + 11x + 3$	**3.** $9x^2 - 18x + 9$
4. $4x^2 - 49$	**5.** $4x^4 + 20x^3 + 24x^2$	**6.** $3x^2 - 10x - 25$
7. $x^2 + 8x + 16$	**8.** $9x^2 - 1$	**9.** $3x^4 + 18x^3 + 18x^2$
10. $4x^2 + 8x - 12$	**11.** $9x^2 - 12x + 4$	**12.** $4x^2 - 4$
13. $-12x^4 + 12x^3 + 30x^2$	**14.** $3x^2 + 8x + 5$	**15.** $9x^2 + 24x + 16$
16. $9x^2 - 25$	**17.** $20x^2 - 18x - 14$	**18.** $x^2 + 12x + 36$
19. $25x^2 - 64$	**20.** $-25x^3 + 35x^2 + 35x$	**21.** $9x^2 + 21x + 12$
22. $25x^2 - 30x + 9$	**23.** $x^2 - 4$	**24.** $20x^3 + 20x^2 - 8x$