Task card 1 Dividing Polynomials

Divide: $(x^3 - x^2 - 5x + 2) \div (x + 2)$

Task card 2 Dividing Polynomials

Divide: $(x^3 - 5x^2 - 3x + 15) \div (x - 5)$

Task card 3 Dividing Polynomials

Divide: $(x^3 + 4x^2 - 6x - 5) \div (x + 5)$

Task card 4 Dividing Polynomials

Divide: $(x^3 - 11x^2 + 27x + 18) \div (x - 6)$

Task card 5 Dividing Polynomials

Divide: $(x^3 + 9x^2 + 12x - 14) \div (x + 7)$

Task card 6 Dividing Polynomials

Divide: $(x^3 + x^2 - 26x + 24) \div (x + 6)$

Task card 7 Dividing Polynomials

Divide: $(x^3 - 4x^2 - 10x - 12) \div (x - 6)$

Task card 8 Dividing Polynomials

Divide: $(x^3 + 13x^2 + 43x + 6) \div (x + 6)$

Task card 9 Dividing Polynomials

Divide: $(x^3 + 8x^2 + 12x - 16) \div (x + 4)$

Task card 10 Dividing Polynomials

Divide: $(x^3 + 2x^2 - 10x + 7) \div (x - 1)$

Task card 11 Dividing Polynomials

Divide: $(x^3 + 8x^2 + 22x + 21) \div (x + 3)$

Task card 12 Dividing Polynomials

Divide: $(x^3 - 5x^2 + 12x - 8) \div (x - 1)$

Task card 13 Dividing Polynomials

Divide: $(x^3 + 4x^2 - 15x + 42) \div (x + 7)$

Task card 14 Dividing Polynomials

Divide: $(x^3 - x^2 - 26x - 24) \div (x + 4)$

Task card 15 Dividing Polynomials

Divide: $(x^3 - 8x^2 + 19x - 12) \div (x - 4)$

Task card 16 Dividing Polynomials

Divide: $(x^3 - x^2 - 38x + 24) \div (x + 6)$

Task card 17 Dividing Polynomials

Divide: $(x^3 + 13x^2 + 37x - 35) \div (x + 7)$

Task card 18 Dividing Polynomials

Divide: $(x^3 - 9x^2 + 26x - 24) \div (x - 4)$

Task card 19 Dividing Polynomials

Divide: $(x^3 - 2x^2 - 71x - 56) \div (x + 7)$

Task card 20 Dividing Polynomials

Divide: $(x^3 + 7x^2 - 17x - 72) \div (x + 8)$

Task card 21 Dividing Polynomials

Divide: $(x^3 - 3x^2 - 53x - 9) \div (x - 9)$

Task card 22 Dividing Polynomials

Divide: $(x^3 + 14x^2 + 47x - 8) \div (x + 8)$

Task card 23 Dividing Polynomials

Divide: $(x^3 - 3x^2 - 7x - 15) \div (x - 5)$

Task card 24 Dividing Polynomials

Divide: $(x^3 + 2x^2 + x - 4) \div (x - 1)$

Dividing Polynomials Task Cards

Recording sheet · Grade 11 · Divide. Assume the division is exact (remainder 0).

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

Dividing Polynomials Task Cards: Answer Key

Grade 11 · Medium

The answers online

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