Task card 1 Factoring Special Products

Factor: $16x^2 - 81$

Task card 2 Factoring Special Products

Factor: $25x^2 - 80x + 64$

Task card 3 Factoring Special Products

Factor: $25x^2 - 49$

Task card 4 Factoring Special Products

Factor: $x^2 - 2xy + y^2$

Task card 5 Factoring Special Products

Factor: $25x^2 - 81$

Task card 6 Factoring Special Products

Factor: $9x^2 - 6x + 1$

Task card 7 Factoring Special Products

Factor: $4x^2 - 121$

Task card 8 Factoring Special Products

Factor: $9x^2 - 24xy + 16y^2$

Task card 9 Factoring Special Products

Factor: $25x^2 - 4$

Task card 10 Factoring Special Products

Factor: $9x^2 - 30x + 25$

Task card 11 Factoring Special Products

Factor: $9x^2 - 64$

Task card 12 Factoring Special Products

Factor: $16x^2 - 8xy + y^2$

Task card 13 Factoring Special Products

Factor: $25x^2 - 121$

Task card 14 Factoring Special Products

Factor: $9x^2 + 24x + 16$

Task card 15 Factoring Special Products

Factor: $25x^2 - 36$

Task card 16 Factoring Special Products

Factor: $x^2 - 144$

Task card 17 Factoring Special Products

Factor: $x^2 - 22x + 121$

Task card 18 Factoring Special Products

Factor: $16x^2 - 121$

Task card 19 Factoring Special Products

Factor: $9x^2 + 12xy + 4y^2$

Task card 20 Factoring Special Products

Factor: $4x^2 + 36x + 81$

Task card 21 Factoring Special Products

Factor: $x^2 - 4$

Task card 22 Factoring Special Products

Factor: $16x^2 - 24xy + 9y^2$

Task card 23 Factoring Special Products

Factor: $9x^2 - 121$

Task card 24 Factoring Special Products

Factor: $x^2 - 100$

Factoring Special Products Task Cards

Recording sheet · Grade 9 · Factor completely. Write a difference of squares like (x + 5)(x - 5) and a perfect square like (x + 5)^2.

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

Factoring Special Products Task Cards: Answer Key

Grade 9 · Hard

The answers online

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