Task card 1 Factoring Special Products

Factor: $9x^2 - 16$

Task card 2 Factoring Special Products

Factor: $x^2 + 16x + 64$

Task card 3 Factoring Special Products

Factor: $9x^2 - 1$

Task card 4 Factoring Special Products

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

Task card 5 Factoring Special Products

Factor: $4x^2 - 121$

Task card 6 Factoring Special Products

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

Task card 7 Factoring Special Products

Factor: $x^2 - 36$

Task card 8 Factoring Special Products

Factor: $4x^2 - 20x + 25$

Task card 9 Factoring Special Products

Factor: $9x^2 - 64$

Task card 10 Factoring Special Products

Factor: $x^2 + 12x + 36$

Task card 11 Factoring Special Products

Factor: $4x^2 - 81$

Task card 12 Factoring Special Products

Factor: $x^2 + 2x + 1$

Task card 13 Factoring Special Products

Factor: $16x^2 - 49$

Task card 14 Factoring Special Products

Factor: $25x^2 - 60x + 36$

Task card 15 Factoring Special Products

Factor: $9x^2 - 100$

Task card 16 Factoring Special Products

Factor: $25x^2 + 20x + 4$

Task card 17 Factoring Special Products

Factor: $25x^2 - 81$

Task card 18 Factoring Special Products

Factor: $4x^2 + 20x + 25$

Task card 19 Factoring Special Products

Factor: $16x^2 - 81$

Task card 20 Factoring Special Products

Factor: $25x^2 + 110xy + 121y^2$

Task card 21 Factoring Special Products

Factor: $25x^2 - 40x + 16$

Task card 22 Factoring Special Products

Factor: $x^2 - 121$

Task card 23 Factoring Special Products

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

Task card 24 Factoring Special Products

Factor: $x^2 - 24x + 144$

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 · Medium

The answers online

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