Task card 1 Range of Quadratic Functions

Find the range of $f(x) = 2(x - 1)(x - 7)$.

Task card 2 Range of Quadratic Functions

Find the range of $f(x) = -2x^2 + 12x - 3$.

Task card 3 Range of Quadratic Functions

Find the range of $f(x) = 2(x + 7)(x + 3)$.

Task card 4 Range of Quadratic Functions

Find the range of $f(x) = -3x^2 - 3$.

Task card 5 Range of Quadratic Functions

Find the range of $f(x) = (x + 5)(x - 1)$.

Task card 6 Range of Quadratic Functions

Find the range of $f(x) = -2x^2 - 16x + 5$.

Task card 7 Range of Quadratic Functions

Find the range of $f(x) = x(x + 6)$.

Task card 8 Range of Quadratic Functions

Find the range of $f(x) = -2x^2 - 4x - 1$.

Task card 9 Range of Quadratic Functions

Find the range of $f(x) = 2(x - 2)(x - 6)$.

Task card 10 Range of Quadratic Functions

Find the range of $f(x) = -2x^2 - 8x + 3$.

Task card 11 Range of Quadratic Functions

Find the range of $f(x) = (x + 7)(x - 1)$.

Task card 12 Range of Quadratic Functions

Find the range of $f(x) = -3(x - 5)^2 + 1$.

Task card 13 Range of Quadratic Functions

Find the range of $f(x) = -2x^2 - 12x + 4$.

Task card 14 Range of Quadratic Functions

Find the range of $f(x) = 3x(x - 4)$.

Task card 15 Range of Quadratic Functions

Find the range of $f(x) = -2(x + 7)^2 - 8$.

Task card 16 Range of Quadratic Functions

Find the range of $f(x) = 2x(x - 6)$.

Task card 17 Range of Quadratic Functions

Find the range of $f(x) = -3x^2 - 18x + 2$.

Task card 18 Range of Quadratic Functions

Find the range of $f(x) = 2(x + 2)(x - 4)$.

Task card 19 Range of Quadratic Functions

Find the range of $f(x) = -x^2 - 10x + 2$.

Task card 20 Range of Quadratic Functions

Find the range of $f(x) = 2(x + 3)(x - 3)$.

Task card 21 Range of Quadratic Functions

Find the range of $f(x) = -3x^2 - 24x + 7$.

Task card 22 Range of Quadratic Functions

Find the range of $f(x) = (x + 3)(x - 5)$.

Task card 23 Range of Quadratic Functions

Find the range of $f(x) = -3x^2 - 12x - 1$.

Task card 24 Range of Quadratic Functions

Find the range of $f(x) = 2(x - 3)(x - 7)$.

Range of Quadratic Functions Task Cards

Recording sheet · Grade 11 · Write each range as an inequality, like y ≥ -4 or y ≤ 7. Type >= for ≥ and <= for ≤.

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

Range of Quadratic Functions Task Cards: Answer Key

Grade 11 · Hard

The answers online

1. $y \geq -18$	**2.** $y \leq 15$	**3.** $y \geq -8$
4. $y \leq -3$	**5.** $y \geq -9$	**6.** $y \leq 37$
7. $y \geq -9$	**8.** $y \leq 1$	**9.** $y \geq -8$
10. $y \leq 11$	**11.** $y \geq -16$	**12.** $y \leq 1$
13. $y \leq 22$	**14.** $y \geq -12$	**15.** $y \leq -8$
16. $y \geq -18$	**17.** $y \leq 29$	**18.** $y \geq -18$
19. $y \leq 27$	**20.** $y \geq -18$	**21.** $y \leq 55$
22. $y \geq -16$	**23.** $y \leq 11$	**24.** $y \geq -8$