Task card 1 Range of Quadratic Functions

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

Task card 2 Range of Quadratic Functions

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

Task card 3 Range of Quadratic Functions

Find the range of $f(x) = x^2 - 10x + 6$.

Task card 4 Range of Quadratic Functions

Find the range of $f(x) = x^2 + 4x - 5$.

Task card 5 Range of Quadratic Functions

Find the range of $f(x) = x^2 + 10x + 1$.

Task card 6 Range of Quadratic Functions

Find the range of $f(x) = x^2 - 6x - 3$.

Task card 7 Range of Quadratic Functions

Find the range of

$f(x) = x^2 - 2x - 5$.

Task card 8 Range of Quadratic Functions

Find the range of

$f(x) = x^2 - 6x + 1$.

Task card 9 Range of Quadratic Functions

Find the range of

$f(x) = x^2 - 8x - 9$.

Task card 10 Range of Quadratic Functions

Find the range of

$f(x) = -x^2 - 10x - 2$.

Task card 11 Range of Quadratic Functions

Find the range of

$f(x) = x^2 - 4x + 1$.

Task card 12 Range of Quadratic Functions

Find the range of

$f(x) = -x^2 + 12x + 5$.

Task card 13 Range of Quadratic Functions

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

Task card 14 Range of Quadratic Functions

Find the range of $f(x) = -x^2 + 6x - 7$.

Task card 15 Range of Quadratic Functions

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

Task card 16 Range of Quadratic Functions

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

Task card 17 Range of Quadratic Functions

Find the range of $f(x) = 2x^2 + 12x - 6$.

Task card 18 Range of Quadratic Functions

Find the range of $f(x) = -3x^2 + 36x + 4$.

Task card 19 Range of Quadratic Functions

Find the range of $f(x) = x^2 - 6x - 5$.

Task card 20 Range of Quadratic Functions

Find the range of $f(x) = -2x^2 - 20x - 8$.

Task card 21 Range of Quadratic Functions

Find the range of $f(x) = 2x^2 - 4x - 5$.

Task card 22 Range of Quadratic Functions

Find the range of $f(x) = -3x^2 - 36x - 6$.

Task card 23 Range of Quadratic Functions

Find the range of $f(x) = 3x^2 - 30x + 4$.

Task card 24 Range of Quadratic Functions

Find the range of $f(x) = -2x^2 + 20x + 3$.

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 ≤.

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

Range of Quadratic Functions Task Cards: Answer Key

Grade 11 · Medium

The answers online

1. $y \geq -37$	**2.** $y \geq -36$	**3.** $y \geq -19$
4. $y \geq -9$	**5.** $y \geq -24$	**6.** $y \geq -12$
7. $y \geq -6$	**8.** $y \geq -8$	**9.** $y \geq -25$
10. $y \leq 23$	**11.** $y \geq -3$	**12.** $y \leq 41$
13. $y \geq 2$	**14.** $y \leq 2$	**15.** $y \geq 8$
16. $y \leq 40$	**17.** $y \geq -24$	**18.** $y \leq 112$
19. $y \geq -14$	**20.** $y \leq 42$	**21.** $y \geq -7$
22. $y \leq 102$	**23.** $y \geq -71$	**24.** $y \leq 53$