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 ≤.

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 · Medium

The answers online

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