Task card 1 Range of Quadratic Functions

Find the range of

$f(x) = (x + 6)^2 - 7$.

Task card 2 Range of Quadratic Functions

Find the range of

$f(x) = (x - 8)^2 - 4$.

Task card 3 Range of Quadratic Functions

Find the range of

$f(x) = (x + 5)^2 + 4$.

Task card 4 Range of Quadratic Functions

Find the range of

$f(x) = (x - 9)^2 + 7$.

Task card 5 Range of Quadratic Functions

Find the range of

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

Task card 6 Range of Quadratic Functions

Find the range of

$f(x) = (x + 3)^2 - 7$.

Task card 7 Range of Quadratic Functions

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

Task card 8 Range of Quadratic Functions

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

Task card 9 Range of Quadratic Functions

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

Task card 10 Range of Quadratic Functions

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

Task card 11 Range of Quadratic Functions

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

Task card 12 Range of Quadratic Functions

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

Task card 13 Range of Quadratic Functions

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

Task card 14 Range of Quadratic Functions

Find the range of $f(x) = -(x + 9)^2$.

Task card 15 Range of Quadratic Functions

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

Task card 16 Range of Quadratic Functions

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

Task card 17 Range of Quadratic Functions

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

Task card 18 Range of Quadratic Functions

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

Task card 19 Range of Quadratic Functions

Find the range of

$f(x) = 3(x - 5)^2 + 2$.

Task card 20 Range of Quadratic Functions

Find the range of

$f(x) = -2(x - 3)^2 - 6$.

Task card 21 Range of Quadratic Functions

Find the range of

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

Task card 22 Range of Quadratic Functions

Find the range of

$f(x) = -3(x - 7)^2 + 7$.

Task card 23 Range of Quadratic Functions

Find the range of

$f(x) = 2(x - 9)^2 - 3$.

Task card 24 Range of Quadratic Functions

Find the range of

$f(x) = -2(x + 3)^2 - 7$.

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 · Easy

The answers online

1. y ≥ -7	**2.** y ≥ -4	**3.** y ≥ 4
4. y ≥ 7	**5.** y ≥ 2	**6.** y ≥ -7
7. y ≥ -7	**8.** y ≥ 1	**9.** y ≥ 0
10. y ≤ -4	**11.** y ≥ -2	**12.** y ≤ 7
13. y ≥ -3	**14.** y ≤ 0	**15.** y ≥ -8
16. y ≤ -2	**17.** y ≥ 3	**18.** y ≤ 4
19. y ≥ 2	**20.** y ≤ -6	**21.** y ≥ 5
22. y ≤ 7	**23.** y ≥ -3	**24.** y ≤ -7