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 ≤.

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 · Easy

The answers online

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