Task card 1 Domain of Square Root Functions

Find the domain of $f(x) = \sqrt{(x - 7)}$.

Task card 2 Domain of Square Root Functions

Find the domain of $f(x) = \sqrt{(x - 5)}$.

Task card 3 Domain of Square Root Functions

Find the domain of $f(x) = \sqrt{(x - 2)}$.

Task card 4 Domain of Square Root Functions

Find the domain of $f(x) = \sqrt{(x - 6)}$.

Task card 5 Domain of Square Root Functions

Find the domain of $f(x) = \sqrt{(x - 1)}$.

Task card 6 Domain of Square Root Functions

Find the domain of $f(x) = \sqrt{(x - 3)}$.

Task card 7 Domain of Square Root Functions

Find the domain of $f(x) = \sqrt{(x - 8)}$.

Task card 8 Domain of Square Root Functions

Find the domain of $f(x) = \sqrt{(x - 4)}$.

Task card 9 Domain of Square Root Functions

Find the domain of $f(x) = \sqrt{(x + 8)}$.

Task card 10 Domain of Square Root Functions

Find the domain of $f(x) = 3\sqrt{(x - 4)} + 4$.

Task card 11 Domain of Square Root Functions

Find the domain of $f(x) = \sqrt{(x + 3)}$.

Task card 12 Domain of Square Root Functions

Find the domain of $f(x) = 2\sqrt{(x + 2)} + 4$.

Task card 13 Domain of Square Root Functions

Find the domain of $f(x) = \sqrt{(x + 1)}$.

Task card 14 Domain of Square Root Functions

Find the domain of $f(x) = \sqrt{(3x - 24)}$.

Task card 15 Domain of Square Root Functions

Find the domain of $f(x) = \sqrt{(5x + 15)}$.

Task card 16 Domain of Square Root Functions

Find the domain of $f(x) = 5\sqrt{(4x + 32)} + 5$.

Task card 17 Domain of Square Root Functions

Find the domain of $f(x) = \sqrt{(2x - 12)}$.

Task card 18 Domain of Square Root Functions

Find the domain of $f(x) = \sqrt{(5x)}$.

Task card 19 Domain of Square Root Functions

Find the domain of $f(x) = 4\sqrt{(2x - 2)} - 6$.

Task card 20 Domain of Square Root Functions

Find the domain of $f(x) = \sqrt{(3x - 6)}$.

Task card 21 Domain of Square Root Functions

Find the domain of $f(x) = \sqrt{(5x - 35)}$.

Task card 22 Domain of Square Root Functions

Find the domain of $f(x) = \sqrt{(x - 9)}$.

Task card 23 Domain of Square Root Functions

Find the domain of $f(x) = \sqrt{(x + 5)}$.

Task card 24 Domain of Square Root Functions

Find the domain of $f(x) = \sqrt{(x + 4)}$.

Domain of Square Root Functions Task Cards

Recording sheet · Grade 11 · Write each domain as an inequality, like x ≥ 3, x ≤ -2 or x > 5/2. 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

Domain of Square Root Functions Task Cards: Answer Key

Grade 11 · Easy

The answers online

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