Task card 1 Domain of Logarithmic Functions

Find the domain of $f(x) = \log_2(x - 6)$.

Task card 2 Domain of Logarithmic Functions

Find the domain of $f(x) = \log(x - 4)$.

Task card 3 Domain of Logarithmic Functions

Find the domain of $f(x) = \log_2(x - 2)$.

Task card 4 Domain of Logarithmic Functions

Find the domain of $f(x) = \log_3(x - 3)$.

Task card 5 Domain of Logarithmic Functions

Find the domain of $f(x) = \log_3(x - 7)$.

Task card 6 Domain of Logarithmic Functions

Find the domain of $f(x) = \log_3(x - 5)$.

Task card 7 Domain of Logarithmic Functions

Find the domain of $f(x) = \log_3(x - 9)$.

Task card 8 Domain of Logarithmic Functions

Find the domain of $f(x) = \log_2(x - 3)$.

Task card 9 Domain of Logarithmic Functions

Find the domain of $f(x) = \log_3(x)$.

Task card 10 Domain of Logarithmic Functions

Find the domain of $f(x) = \log(x - 8)$.

Task card 11 Domain of Logarithmic Functions

Find the domain of $f(x) = \log_2(x + 1)$.

Task card 12 Domain of Logarithmic Functions

Find the domain of $f(x) = \log(x + 2)$.

Task card 13 Domain of Logarithmic Functions

Find the domain of $f(x) = \log_3(x + 5)$.

Task card 14 Domain of Logarithmic Functions

Find the domain of $f(x) = \log_3(x + 1)$.

Task card 15 Domain of Logarithmic Functions

Find the domain of $f(x) = \log_3(x + 8)$.

Task card 16 Domain of Logarithmic Functions

Find the domain of $f(x) = \log_2(4x - 4)$.

Task card 17 Domain of Logarithmic Functions

Find the domain of $f(x) = \log(5x - 45)$.

Task card 18 Domain of Logarithmic Functions

Find the domain of $f(x) = 3\log(2x + 16) + 9$.

Task card 19 Domain of Logarithmic Functions

Find the domain of $f(x) = \log_2(5x + 45)$.

Task card 20 Domain of Logarithmic Functions

Find the domain of $f(x) = \log_5(3x - 15)$.

Task card 21 Domain of Logarithmic Functions

Find the domain of f(x) = 2log_2(5x + 45) - 8.

Task card 22 Domain of Logarithmic Functions

Find the domain of $f(x) = \log(2x - 14)$.

Task card 23 Domain of Logarithmic Functions

Find the domain of $f(x) = \log(4x - 20)$.

Task card 24 Domain of Logarithmic Functions

Find the domain of $f(x) = \log(x - 7)$.

Domain of Logarithmic Functions Task Cards

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

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 Logarithmic Functions Task Cards: Answer Key

Grade 11 · Easy

The answers online

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