Task card 1 Domain & Range of Functions (Mixed...

Which x-value is excluded from the domain of $f(x) = \frac{1}{x - 1}$?

Task card 2 Domain & Range of Functions (Mixed...

The domain of $f(x) = \sqrt{(x + 1)}$ is $x \geq k$. Find k.

Task card 3 Domain & Range of Functions (Mixed...

The range of $f(x) = 2(x + 1)^2 - 4$ is $y \geq k$. Find k.

Task card 4 Domain & Range of Functions (Mixed...

Which x-value is excluded from the domain of $f(x) = \frac{3x + 7}{x}$?

Task card 5 Domain & Range of Functions (Mixed...

The domain of $f(x) = \sqrt{(x + 2)}$ is $x \geq k$. Find k.

Task card 6 Domain & Range of Functions (Mixed...

The range of $f(x) = 2(x + 3)^2 + 3$ is $y \geq k$. Find k.

Task card 7 Domain & Range of Functions (Mixed...

Which x-value is excluded from the domain of $f(x) = \frac{4x + 3}{x - 3}$?

Task card 8 Domain & Range of Functions (Mixed...

The domain of $f(x) = \sqrt{(2x + 6)}$ is $x \geq k$. Find k.

Task card 9 Domain & Range of Functions (Mixed...

The range of $f(x) = 2(x - 3)^2 - 4$ is $y \geq k$. Find k.

Task card 10 Domain & Range of Functions (Mixed...

Which x-value is excluded from the domain of $f(x) = \frac{9}{x - 5}$?

Task card 11 Domain & Range of Functions (Mixed...

The domain of $f(x) = \sqrt{(x - 3)}$ is $x \geq k$. Find k.

Task card 12 Domain & Range of Functions (Mixed...

The range of $f(x) = (x + 1)^2 - 3$ is $y \geq k$. Find k.

Task card 13 Domain & Range of Functions (Mixed...

Which x-value is excluded from the domain of $f(x) = \frac{3x + 5}{x - 6}$?

Task card 14 Domain & Range of Functions (Mixed...

The domain of $f(x) = \sqrt{(2x - 6)}$ is $x \geq k$. Find k.

Task card 15 Domain & Range of Functions (Mixed...

The range of $f(x) = 3(x + 4)^2 + 5$ is $y \geq k$. Find k.

Task card 16 Domain & Range of Functions (Mixed...

Which x-value is excluded from the domain of $f(x) = \frac{9}{x - 6}$?

Task card 17 Domain & Range of Functions (Mixed...

The domain of $f(x) = \sqrt{(x)}$ is $x \geq k$. Find k.

Task card 18 Domain & Range of Functions (Mixed...

The range of $f(x) = -(x + 1)^2 - 5$ is $y \leq k$. Find k.

Task card 19 Domain & Range of Functions (Mixed...

Which x-value is excluded from the domain of $f(x) = \frac{6}{x - 4}$?

Task card 20 Domain & Range of Functions (Mixed...

The range of $f(x) = (x - 2)^2 + 4$ is $y \geq k$. Find k.

Task card 21 Domain & Range of Functions (Mixed...

Which x-value is excluded from the domain of $f(x) = \frac{6}{x + 3}$?

Task card 22 Domain & Range of Functions (Mixed...

The domain of $f(x) = \sqrt{(x + 3)}$ is $x \geq k$. Find k.

Task card 23 Domain & Range of Functions (Mixed...

The range of $f(x) = (x + 4)^2 + 2$ is $y \geq k$. Find k.

Task card 24 Domain & Range of Functions (Mixed...

Which x-value is excluded from the domain of $f(x) = \frac{3x + 7}{x + 2}$?

Domain & Range of Functions (Mixed Review) Task Cards

Recording sheet · Grade 12 · Answer each question about the domain or range. When a question asks for excluded values, write them like x = 2 or x = -3.

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

Domain & Range of Functions (Mixed Review) Task Cards: Answer Key

Grade 12 · Easy

The answers online

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