Domain & Range of Functions (Mixed Review) · 1

Which x-value is excluded from the domain of $f(x) = \frac{4x + 4}{x - 10}$?

Domain & Range of Functions (Mixed Review) · 2

The domain of $f(x) = \sqrt{(24 - 3x)}$ is $x \leq k$. Find k.

Domain & Range of Functions (Mixed Review) · 3

The range of $f(x) = -(x - 1)^2 - 9$ is $y \leq k$. Find k.

Domain & Range of Functions (Mixed Review) · 4

Which x-values are excluded from the domain of $f(x) = \frac{2}{x^2 - 15x + 50}$?

Domain & Range of Functions (Mixed Review) · 5

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

Domain & Range of Functions (Mixed Review) · 6

The range of $f(x) = -3(x - 8)^2 + 6$ is $y \leq k$. Find k.

Domain & Range of Functions (Mixed Review) · 7

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

Domain & Range of Functions (Mixed Review) · 8

The domain of $f(x) = \sqrt{(2x + 12)}$ is $x \geq k$. Find k.

Domain & Range of Functions (Mixed Review) · 2

ANSWER

8

Domain & Range of Functions (Mixed Review) · 1

ANSWER

x = 10

Domain & Range of Functions (Mixed Review) · 4

ANSWER

x = 5 or x = 10

Domain & Range of Functions (Mixed Review) · 3

ANSWER

-9

Domain & Range of Functions (Mixed Review) · 6

ANSWER

6

Domain & Range of Functions (Mixed Review) · 5

ANSWER

1

Domain & Range of Functions (Mixed Review) · 8

ANSWER

-6

Domain & Range of Functions (Mixed Review) · 7

ANSWER

x = 3

The range of $f(x) = 2(x - 10)^2 - 8$ is $y \geq k$. Find k.

Which x-value is excluded from the domain of $f(x) = \frac{1}{x + 5}$?

The domain of $f(x) = \sqrt{-8 - 4x}$ is $x \leq k$. Find k.

The range of $f(x) = -2(x - 7)^2$ is $y \leq k$. Find k.

Which x-values are excluded from the domain of $f(x) = \frac{2}{x^2 - 11x + 24}$?

The domain of $f(x) = \sqrt{-36 - 4x}$ is $x \leq k$. Find k.

The range of $f(x) = -3(x + 7)^2 + 9$ is $y \leq k$. Find k.

Which x-values are excluded from the domain of $f(x) = \frac{5}{x^2 - 6x - 40}$?

Domain & Range of Functions (Mixed Review) · 10

ANSWER

$x = -5$

Domain & Range of Functions (Mixed Review) · 9

ANSWER

-8

Domain & Range of Functions (Mixed Review) · 12

ANSWER

0

Domain & Range of Functions (Mixed Review) · 11

ANSWER

-2

Domain & Range of Functions (Mixed Review) · 14

ANSWER

-9

Domain & Range of Functions (Mixed Review) · 13

ANSWER

$x = 3$ or $x = 8$

Domain & Range of Functions (Mixed Review) · 16

ANSWER

$x = -4$ or $x = 10$

Domain & Range of Functions (Mixed Review) · 15

ANSWER

9

Domain & Range of Functions (Mixed Review) · 17

The domain of $f(x) = \sqrt{(12 - 2x)}$ is $x \leq k$. Find k.

Domain & Range of Functions (Mixed Review) · 18

The range of $f(x) = -(x - 3)^2 + 10$ is $y \leq k$. Find k.

Domain & Range of Functions (Mixed Review) · 19

Which x-values are excluded from the domain of $f(x) = \frac{7}{x^2 - 13x + 42}$?

Domain & Range of Functions (Mixed Review) · 20

The domain of $f(x) = \sqrt{(-4 - 2x)}$ is $x \leq k$. Find k.

Domain & Range of Functions (Mixed Review) · 21

The range of $f(x) = -2(x + 7)^2 + 7$ is $y \leq k$. Find k.

Domain & Range of Functions (Mixed Review) · 22

Which x-value is excluded from the domain of $f(x) = \frac{9}{x + 11}$?

Domain & Range of Functions (Mixed Review) · 23

The domain of $f(x) = \sqrt{(x - 9)}$ is $x \geq k$. Find k.

Domain & Range of Functions (Mixed Review) · 24

The range of $f(x) = 3(x + 7)^2 + 5$ is $y \geq k$. Find k.

Domain & Range of Functions (Mixed Review) · 18

ANSWER

10

Domain & Range of Functions (Mixed Review) · 17

ANSWER

6

Domain & Range of Functions (Mixed Review) · 20

ANSWER

-2

Domain & Range of Functions (Mixed Review) · 19

ANSWER

x = 6 or x = 7

Domain & Range of Functions (Mixed Review) · 22

ANSWER

x = -11

Domain & Range of Functions (Mixed Review) · 21

ANSWER

7

Domain & Range of Functions (Mixed Review) · 24

ANSWER

5

Domain & Range of Functions (Mixed Review) · 23

ANSWER

9