Domain & Range of Functions (Mixed Review) · 1

Which x-values are excluded from the domain of $f(x) = \frac{7}{x^2 - 10x + 21}$?

Domain & Range of Functions (Mixed Review) · 2

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

Domain & Range of Functions (Mixed Review) · 3

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

Domain & Range of Functions (Mixed Review) · 4

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

Domain & Range of Functions (Mixed Review) · 5

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

Domain & Range of Functions (Mixed Review) · 6

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

Domain & Range of Functions (Mixed Review) · 7

Which x-values are excluded from the domain of $f(x) = \frac{7}{x^2 + 11x + 24}$?

Domain & Range of Functions (Mixed Review) · 8

The domain of $f(x) = \sqrt{(x + 5)}$ is $x \geq k$. Find k.

Domain & Range of Functions (Mixed Review) · 2

ANSWER

4

Domain & Range of Functions (Mixed Review) · 1

ANSWER

x = 3 or x = 7

Domain & Range of Functions (Mixed Review) · 4

ANSWER

x = -4

Domain & Range of Functions (Mixed Review) · 3

ANSWER

-1

Domain & Range of Functions (Mixed Review) · 6

ANSWER

2

Domain & Range of Functions (Mixed Review) · 5

ANSWER

-2

Domain & Range of Functions (Mixed Review) · 8

ANSWER

-5

Domain & Range of Functions (Mixed Review) · 7

ANSWER

x = -8 or x = -3

Domain & Range of Functions (Mixed Review) · 9

The range of $f(x) = x^2 - 6$ is $y \geq k$. Find k.

Domain & Range of Functions (Mixed Review) · 10

Which x-values are excluded from the domain of $f(x) = \frac{1}{x^2 + 13x + 42}$?

Domain & Range of Functions (Mixed Review) · 11

The domain of $f(x) = \sqrt{(x + 7)}$ is $x \geq k$. Find k.

Domain & Range of Functions (Mixed Review) · 12

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

Domain & Range of Functions (Mixed Review) · 13

Which x-value is excluded from the domain of $f(x) = \frac{4}{x + 5}$?

Domain & Range of Functions (Mixed Review) · 14

The domain of $f(x) = \sqrt{(x - 7)}$ is $x \geq k$. Find k.

Domain & Range of Functions (Mixed Review) · 15

The range of $f(x) = (x - 2)^2 - 6$ is $y \geq k$. Find k.

Domain & Range of Functions (Mixed Review) · 16

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

Domain & Range of Functions (Mixed Review) · 10

ANSWER

$x = -7$ or $x = -6$

Domain & Range of Functions (Mixed Review) · 9

ANSWER

-6

Domain & Range of Functions (Mixed Review) · 12

ANSWER

-2

Domain & Range of Functions (Mixed Review) · 11

ANSWER

-7

Domain & Range of Functions (Mixed Review) · 14

ANSWER

7

Domain & Range of Functions (Mixed Review) · 13

ANSWER

$x = -5$

Domain & Range of Functions (Mixed Review) · 16

ANSWER

$x = 0$ or $x = 2$

Domain & Range of Functions (Mixed Review) · 15

ANSWER

-6

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

The range of $f(x) = 2(x - 7)^2 + 8$ is $y \geq k$. Find k.

Which x-values are excluded from the domain of $f(x) = \frac{4}{x^2 - 2x - 3}$?

The domain of $f(x) = \sqrt{(-18 - 3x)}$ is $x \leq k$. Find k.

The range of $f(x) = -2(x + 5)^2 - 6$ is $y \leq k$. Find k.

Which x-value is excluded from the domain of $f(x) = \frac{x + 1}{x - 3}$?

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

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

Domain & Range of Functions (Mixed Review) · 18

ANSWER

8

Domain & Range of Functions (Mixed Review) · 17

ANSWER

6

Domain & Range of Functions (Mixed Review) · 20

ANSWER

-6

Domain & Range of Functions (Mixed Review) · 19

ANSWER

x = -1 or x = 3

Domain & Range of Functions (Mixed Review) · 22

ANSWER

x = 3

Domain & Range of Functions (Mixed Review) · 21

ANSWER

-6

Domain & Range of Functions (Mixed Review) · 24

ANSWER

5

Domain & Range of Functions (Mixed Review) · 23

ANSWER

-3