Name

Function Domain - Fraction Linear over Root of Quadratic (Complex Roots) to Domain Definition

1

What set describes the domain of this function?

$$f(x) = \frac{-1x - 3}{\sqrt{3x^2 - 7x + 7}}$$

A $\{X \in \mathbb{R}|\}$

B $\{\}$

2

What set describes the domain of this function?

$$f(x) = \frac{-1x - 0}{\sqrt{5x^2 + 5x + 12}}$$

A $\{\}$

B $\{X \in \mathbb{R}|\}$

3

What set describes the domain of this function?

$$f(x) = \frac{-1x - 2}{\sqrt{-1x^2 - 6x - 21}}$$

A $\{X \in \mathbb{R}|\}$

B $\{\}$

4

What set describes the domain of this function?

$$f(x) = \frac{1x - 2}{\sqrt{-2x^2 - 9x - 16}}$$

A $\{X \in \mathbb{R}|\}$

B $\{\}$

5

What set describes the domain of this function?

$$f(x) = \frac{1x + 4}{\sqrt{5x^2 - 1x + 20}}$$

A $\{X \in \mathbb{R}|\}$

B $\{\}$

6

What set describes the domain of this function?

$$f(x) = \frac{1x - 5}{\sqrt{5x^2 + 8x + 12}}$$

A $\{X \in \mathbb{R}|\}$

B $\{\}$

7

What set describes the domain of this function?

$$f(x) = \frac{-1x - 2}{\sqrt{-1x^2 + 1x - 9}}$$

A $\{X \in \mathbb{R}|\}$

B $\{\}$

8

What set describes the domain of this function?

$$f(x) = \frac{1x + 1}{\sqrt{-3x^2 - 6x - 16}}$$

A $\{\}$

B $\{X \in \mathbb{R}|\}$