



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

1

What set describes the domain of this function?

$$f(x) = \frac{3}{\sqrt{5x^2 - 4x + 1}}$$

A $\{ \}$

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

2

What set describes the domain of this function?

$$f(x) = \frac{-2}{\sqrt{4x^2 - 10x + 18}}$$

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

B $\{ \}$

3

What set describes the domain of this function?

$$f(x) = \frac{2}{\sqrt{-1x^2 + 8x - 20}}$$

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

B $\{ \}$

4

What set describes the domain of this function?

$$f(x) = \frac{4}{\sqrt{5x^2 + 8x + 5}}$$

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

B $\{X \in \mathbb{R} \mid X < 4\}$

5

What set describes the domain of this function?

$$f(x) = \frac{-2}{\sqrt{3x^2 - 4x + 10}}$$

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

B $\{ \}$

6

What set describes the domain of this function?

$$f(x) = \frac{-3}{\sqrt{-3x^2 + 9x - 14}}$$

A $\{ \}$

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

7

What set describes the domain of this function?

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

A $\{ \}$

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

8

What set describes the domain of this function?

$$f(x) = \frac{4}{\sqrt{2x^2 - 0x + 12}}$$

A $\{ \}$

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