



Function Domain - Simple Higher Power to Domain Definition



1 What set describes the domain of this function?

$$f(x) = -1x^3 + 3x^2 + 25$$

A $\{X \in \mathbb{R} | 1 < X\}$ B $\{X \in \mathbb{R} | \}$

2 What set describes the domain of this function?

$$f(x) = -1x^3 + 6x^2 + 25$$

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

3 What set describes the domain of this function?

$$f(x) = 5x^3 + 3x^2 - 25$$

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

4 What set describes the domain of this function?

$$f(x) = 4x^3 + 4x^2 - 6$$

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

5 What set describes the domain of this function?

$$f(x) = -5x^3 + 6x^2 - 19$$

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

6 What set describes the domain of this function?

$$f(x) = 5x^3 + 1x^2 - 13$$

A $\{X \in \mathbb{R} | -6 < X\}$
B $\{X \in \mathbb{R} | \}$

7 What set describes the domain of this function?

$$f(x) = -3x^3 - 9x^2 + 25$$

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

8 What set describes the domain of this function?

$$f(x) = 3x^3 - 5x^2 + 10$$

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