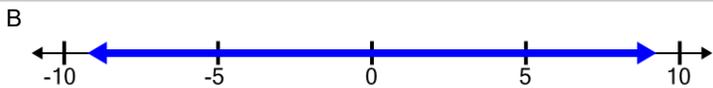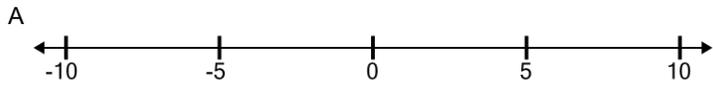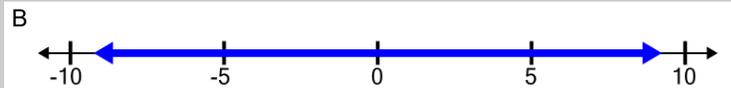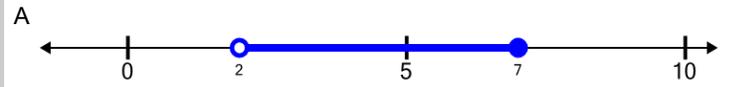# Function Domain - Fraction Linear over Root of Quadratic (Complex Roots) to Number Line
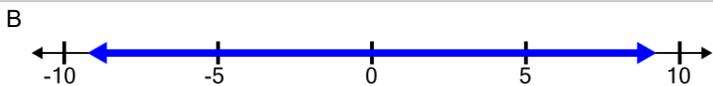
1 What number line shows the domain of this function?

$$f(x) = \frac{-1x + 5}{\sqrt{-4x^2 - 2x - 11}}$$

A

B

2 What number line shows the domain of this function?

$$f(x) = \frac{-1x - 2}{\sqrt{5x^2 - 8x + 6}}$$

A

B

3 What number line shows the domain of this function?

$$f(x) = \frac{-1x - 4}{\sqrt{4x^2 - 1x + 13}}$$
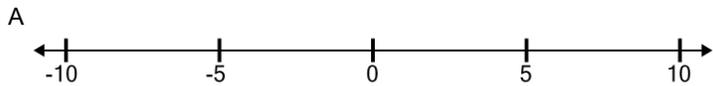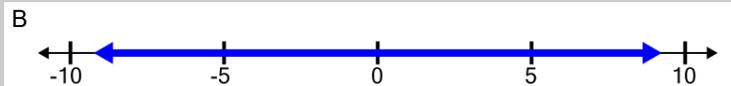
A

B

4 What number line shows the domain of this function?

$$f(x) = \frac{1x + 1}{\sqrt{-4x^2 + 3x - 13}}$$

A

B

5 What number line shows the domain of this function?

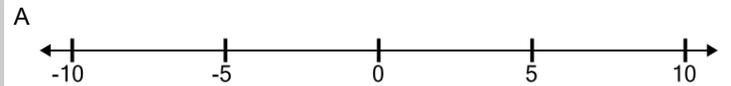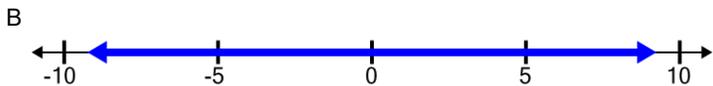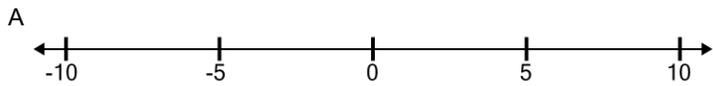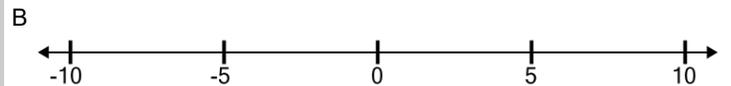$$f(x) = \frac{1x - 3}{\sqrt{3x^2 + 2x + 10}}$$

A

B

6 What number line shows the domain of this function?

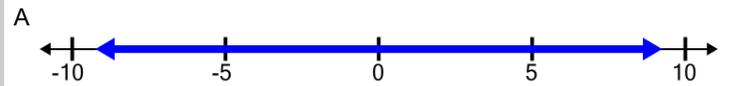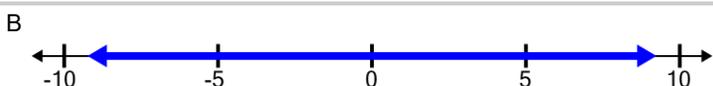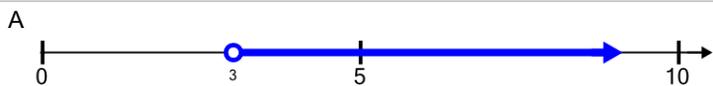$$f(x) = \frac{1x - 4}{\sqrt{5x^2 + 4x + 23}}$$

A

B

7 What number line shows the domain of this function?

$$f(x) = \frac{1x + 2}{\sqrt{5x^2 + 4x + 23}}$$

A

B

8 What number line shows the domain of this function?

$$f(x) = \frac{1x + 3}{\sqrt{5x^2 - 4x + 19}}$$

A

B