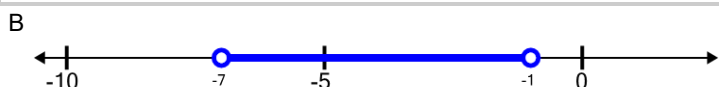
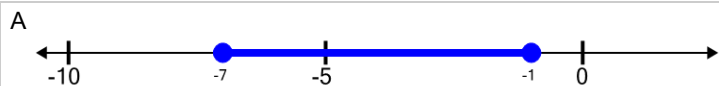


Function Domain - Fraction Root of Linear over Root of Quadratic (Real Roots) to Number Line

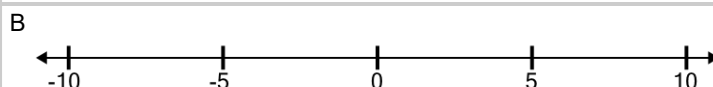
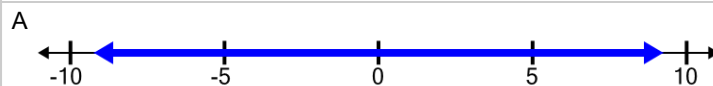
1 What number line shows the domain of this function?

$$f(x) = \frac{\sqrt{-1x+2}}{\sqrt{-1x^2-8x-7}}$$



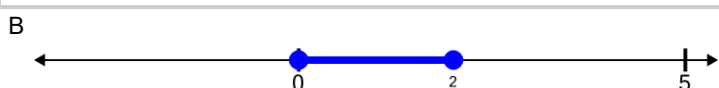
2 What number line shows the domain of this function?

$$f(x) = \frac{\sqrt{1x-5}}{\sqrt{-1x^2-9x-8}}$$



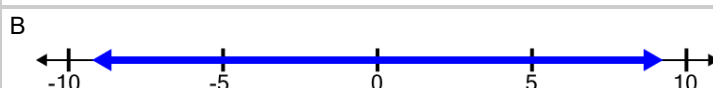
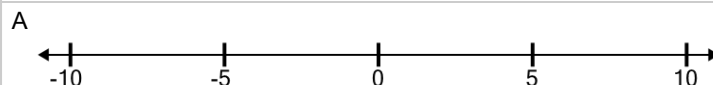
3 What number line shows the domain of this function?

$$f(x) = \frac{\sqrt{-1x+3}}{\sqrt{-1x^2+2x-0}}$$



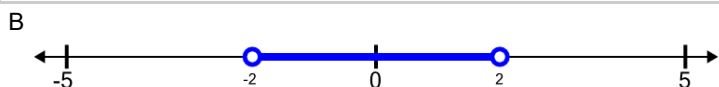
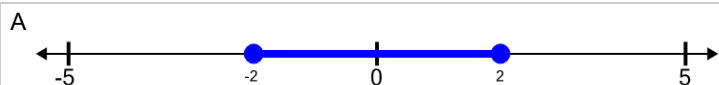
4 What number line shows the domain of this function?

$$f(x) = \frac{\sqrt{-1x-5}}{\sqrt{-4x^2-8x+12}}$$



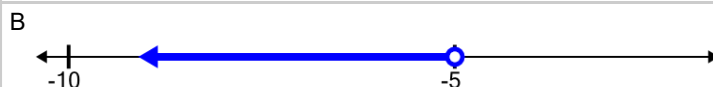
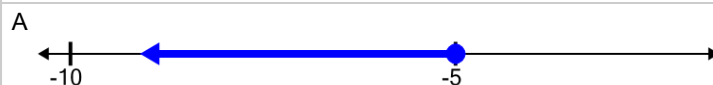
5 What number line shows the domain of this function?

$$f(x) = \frac{\sqrt{1x+3}}{\sqrt{-4x^2-0x+16}}$$



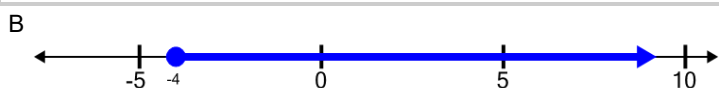
6 What number line shows the domain of this function?

$$f(x) = \frac{\sqrt{-1x-5}}{\sqrt{1x^2-7x-8}}$$



7 What number line shows the domain of this function?

$$f(x) = \frac{\sqrt{-1x-4}}{\sqrt{4x^2-4x-0}}$$



8 What number line shows the domain of this function?

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

