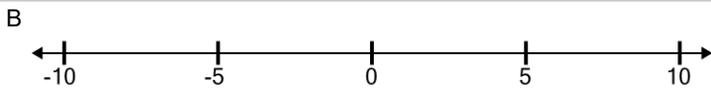
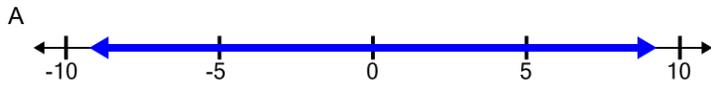


Function Domain - Fraction Root of Linear over Root of Quadratic (Complex Roots) to Number Line

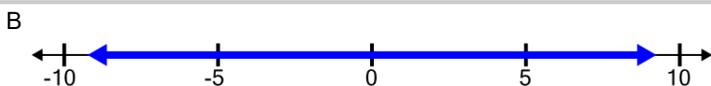
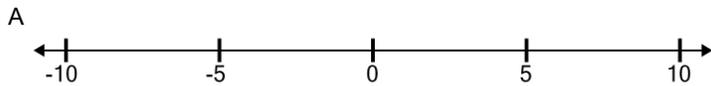
1 What number line shows the domain of this function?
 $f(x) = \frac{\sqrt{1x-3}}{\sqrt{-5x^2+9x-21}}$



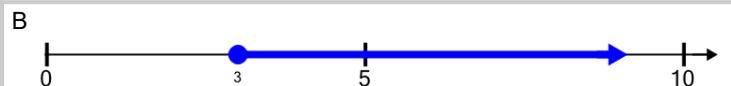
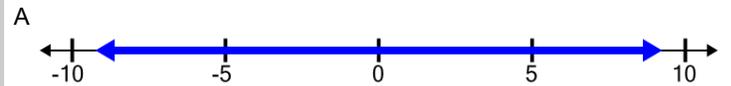
2 What number line shows the domain of this function?
 $f(x) = \frac{\sqrt{-1x+2}}{\sqrt{1x^2+1x+16}}$



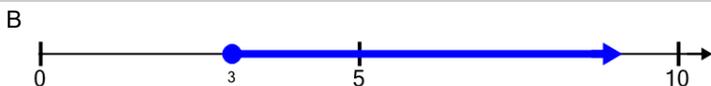
3 What number line shows the domain of this function?
 $f(x) = \frac{\sqrt{1x-4}}{\sqrt{-5x^2-2x-16}}$



4 What number line shows the domain of this function?
 $f(x) = \frac{\sqrt{1x-3}}{\sqrt{3x^2-8x+19}}$



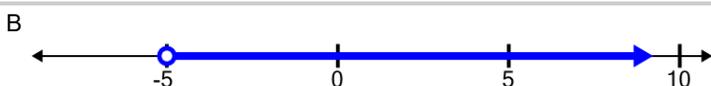
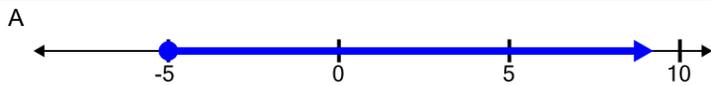
5 What number line shows the domain of this function?
 $f(x) = \frac{\sqrt{-1x+3}}{\sqrt{5x^2+8x+13}}$



6 What number line shows the domain of this function?
 $f(x) = \frac{\sqrt{-1x-0}}{\sqrt{1x^2+6x+25}}$



7 What number line shows the domain of this function?
 $f(x) = \frac{\sqrt{1x+5}}{\sqrt{4x^2+3x+11}}$



8 What number line shows the domain of this function?
 $f(x) = \frac{\sqrt{1x+3}}{\sqrt{-4x^2+6x-17}}$

