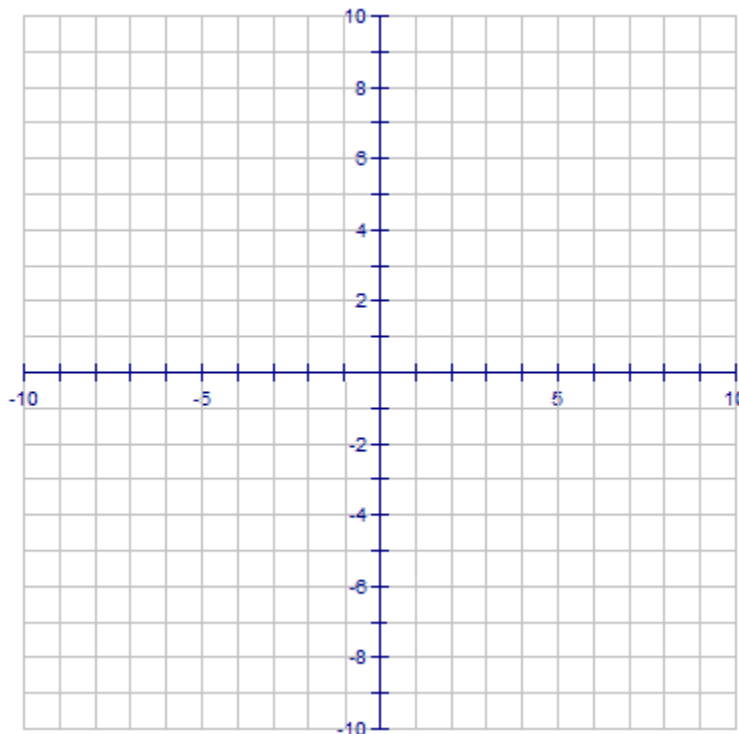


**GRAPHING RATIONAL FUNCTIONS REVIEW**

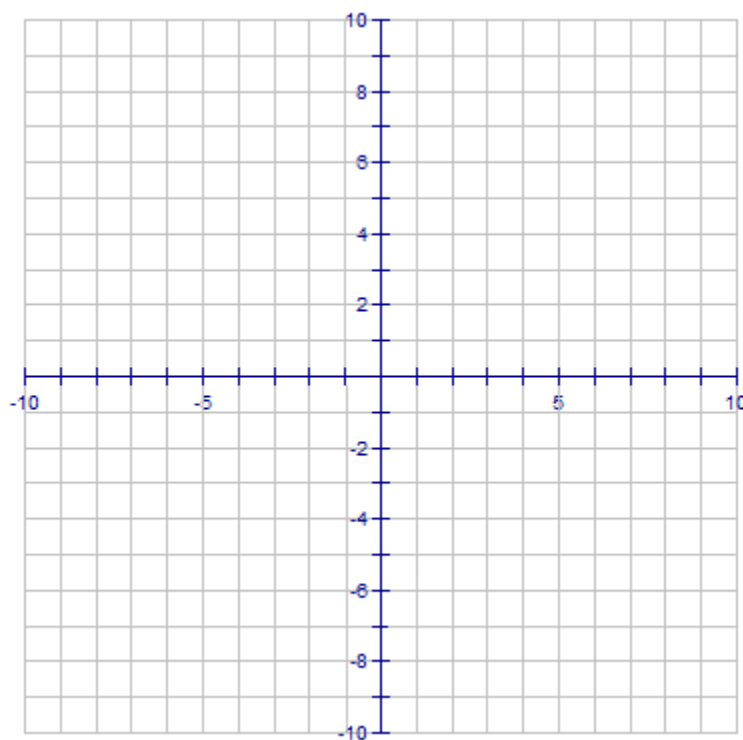
Directions: Identify any holes, asymptote, **x**-intercept, and **y**-intercept. Then sketch a graph.

1.)  $f(x) = \frac{2x-1}{x-5}$



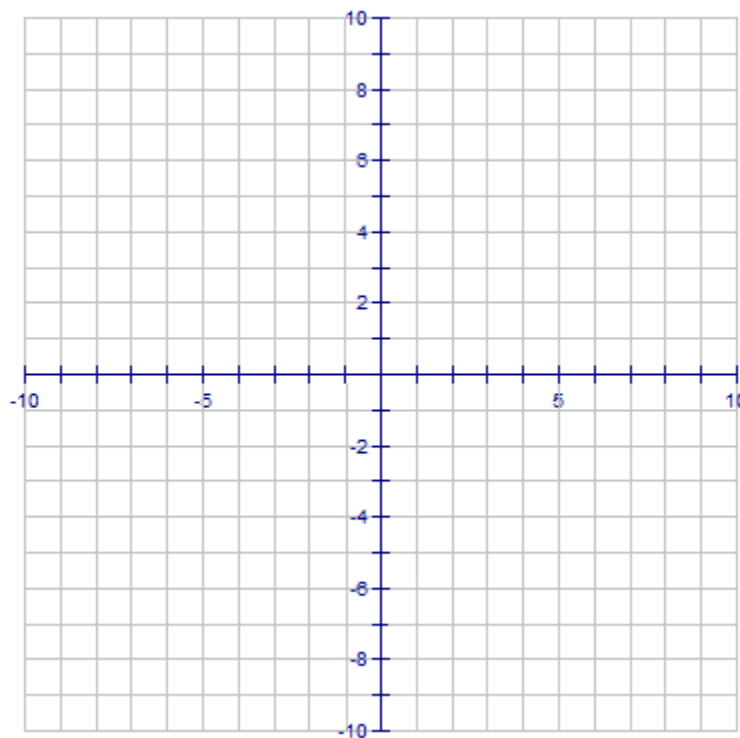
HOLE(S)	VERTICAL ASYMPTOTE(S)	HORIZONTAL ASYMPTOTE	<b>x</b> -intercept(s)	<b>y</b> -intercept

2.)  $f(x) = \frac{x^2 - 6x + 8}{x^2 - x - 12}$



HOLE(S)	VERTICAL ASYMPTOTE(S)	HORIZONTAL ASYMPTOTE	$x$ -intercept(s)	$y$ -intercept

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



HOLE(S)	VERTICAL ASYMPTOTE(S)	HORIZONTAL ASYMPTOTE	$x$ -intercept(s)	$y$ -intercept