

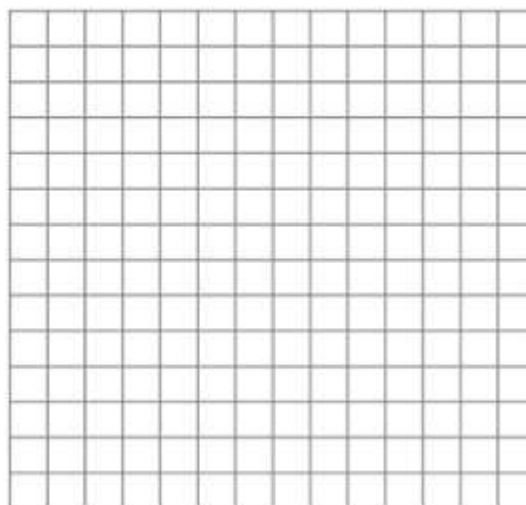
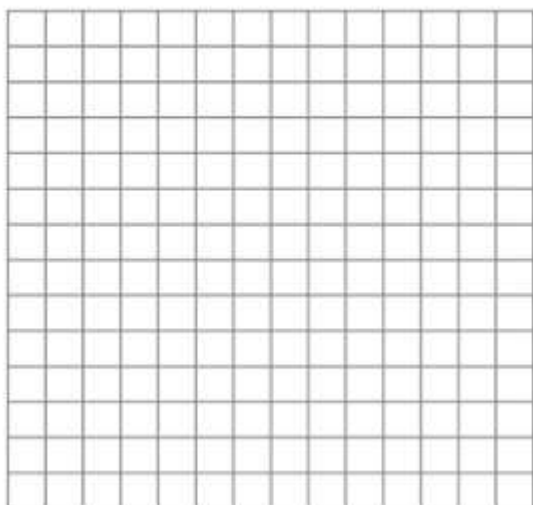
Use the functions below...

A - Write them as rational functions.

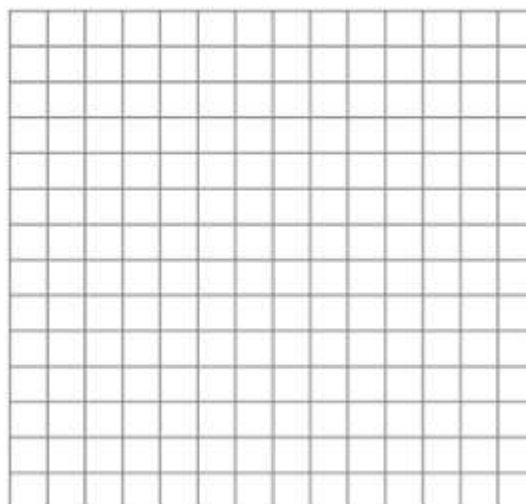
B - Graph the functions on the graphs provided. Be sure to identify each asymptote and the y-intercepts of each.

a. $f(x) = \frac{2}{x+3} + 3$

b. $g(x) = -1 - \frac{3}{(x+1)^2}$



c. $h(x) = 2 + \frac{2}{(x-3)^2}$



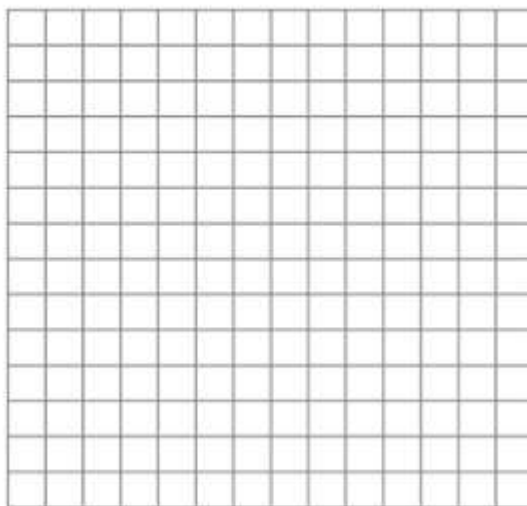
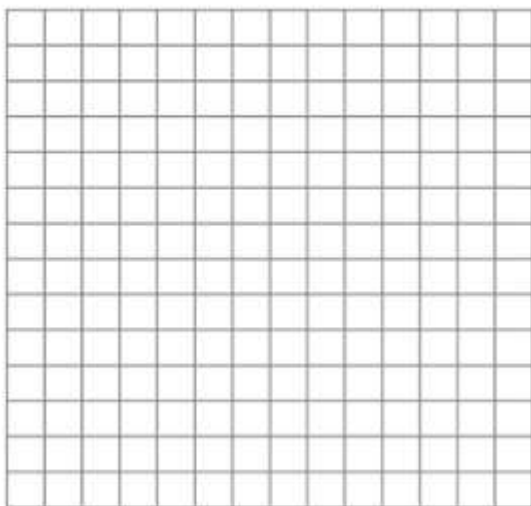
Use the functions below...

A - Write them in $f(x) = \frac{a}{x-h} + k$ form.

B - Graph the functions on the graphs provided. Be sure to identify each asymptote and the y-intercepts of each.

a. $f(x) = \frac{3x-1}{x-2}$

b. $g(x) = -\frac{6x+4}{x+6}$



c. $h(x) = \frac{-5x-5}{x-1}$

