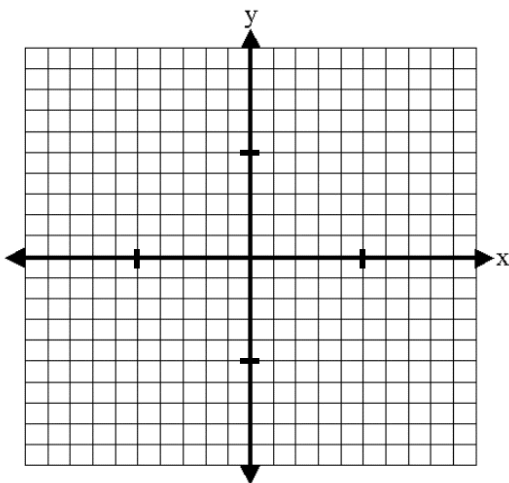
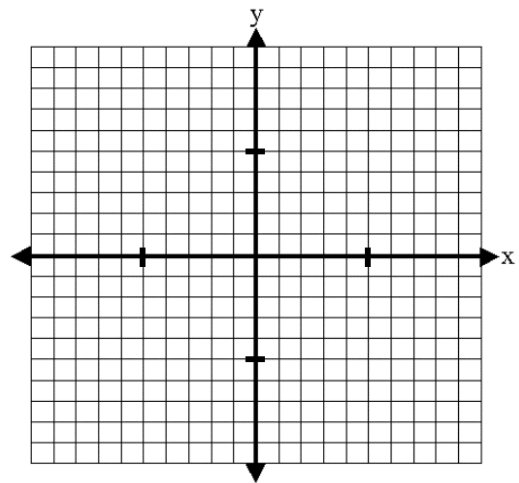


Locate the asymptotes and holes for each rational function, then graph each rational function.

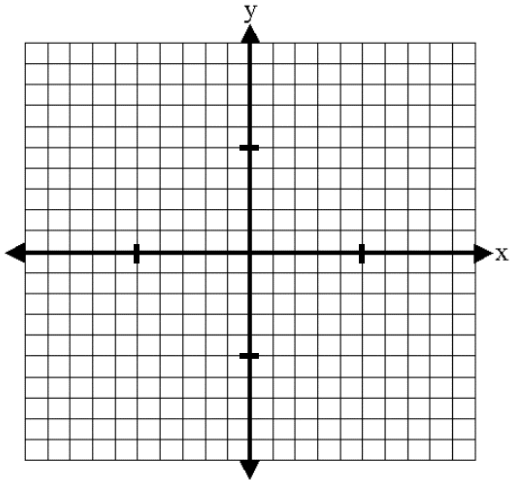
1. $f(x) = \frac{5}{(x+5)(x-3)}$



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



3.
$$h(x) = \frac{x^2 + 3x}{x(x-4)}$$



4.
$$j(x) = \frac{x^2 - 9}{x - 3}$$

