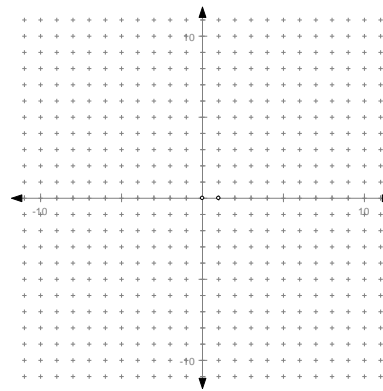
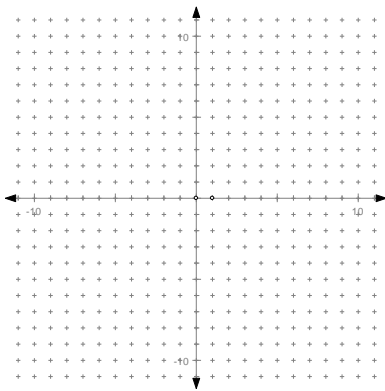


Graphing Rational Functions WS #1

Find the domain, VA, HA, intercepts, and holes of each function. Then use those and a t-chart (if necessary) to graph the rational function.

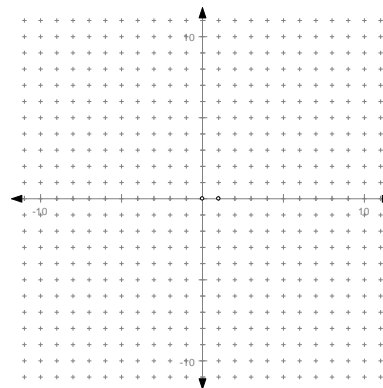
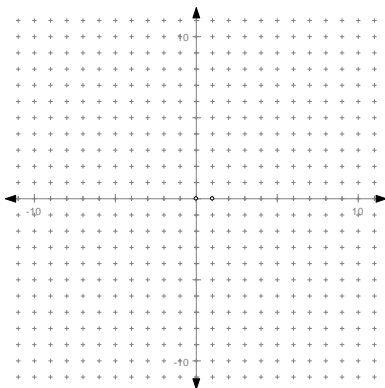
1. $f(x) = \frac{1}{x}$

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



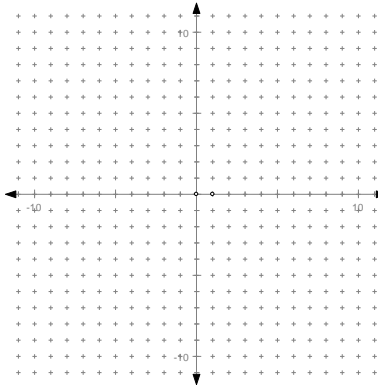
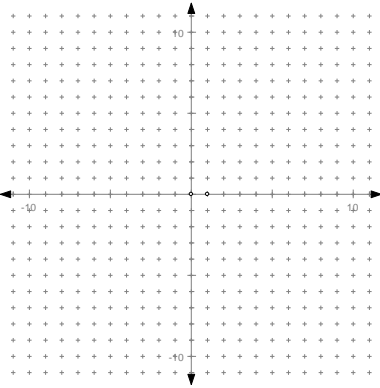
3. $y = \frac{2}{x-1}$

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



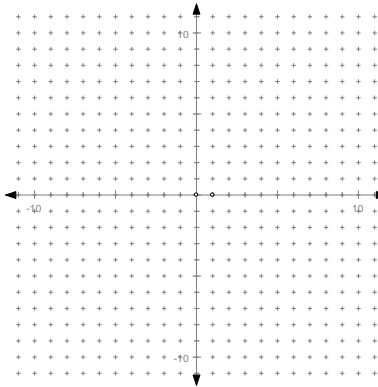
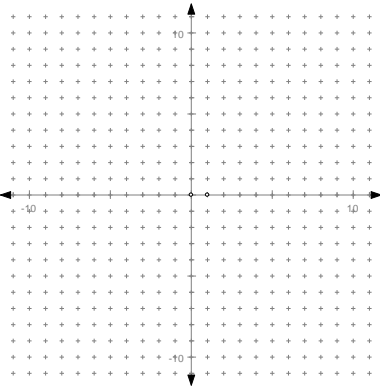
$$5. y = \frac{x-4}{x+1}$$

$$6. f(x) = \frac{2x-1}{x+4}$$



$$7. f(x) = \frac{x^2-4}{x^2-1}$$

$$8. f(x) = \frac{3x+3}{2x+4}$$



$$9. f(x) = \frac{2x+4}{x-1}$$

