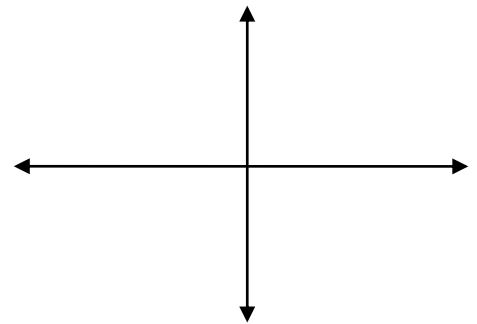
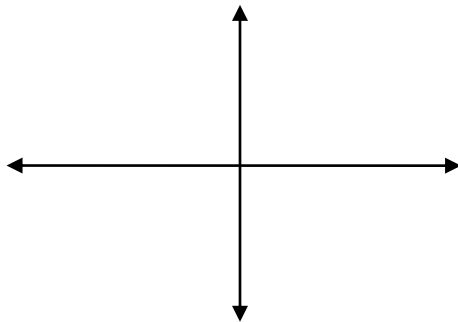


For problems #1 - 4: (a) state the domain; (b) identify all intercepts; (c) Find any asymptotes (horizontal, vertical, or slant); (d) identify any holes; (e) sketch the graph (plotting additional points as needed)

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

2. $y = \frac{2x^2}{x^2-4}$



3. $f(x) = \frac{6x^2 - 11x + 3}{3x^2 - x}$

4. $f(x) = \frac{2x^3}{x^2 + 1}$

