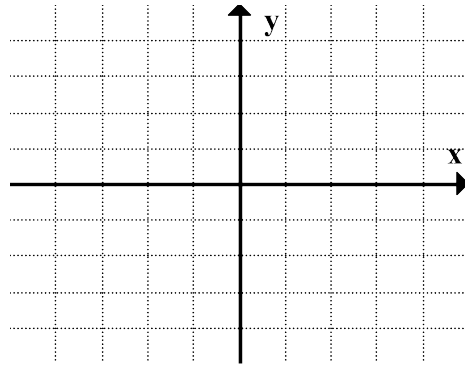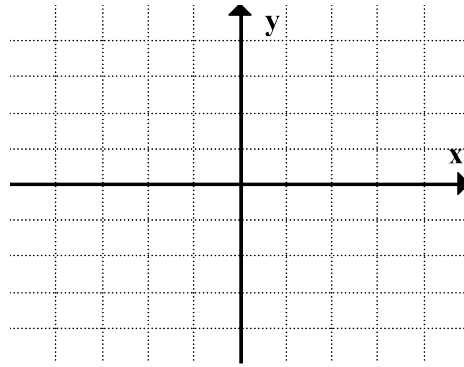# C11 - 7.8 - Quadratic Reciprocals WS

Graph the following and its reciprocal on the same graph, identify the equation of and draw a vertical asymptote, and label the invariant points

$y = x^2 - 4$

$y = x^2 - 2x - 3$

$y = x^2 + 5x + 4$