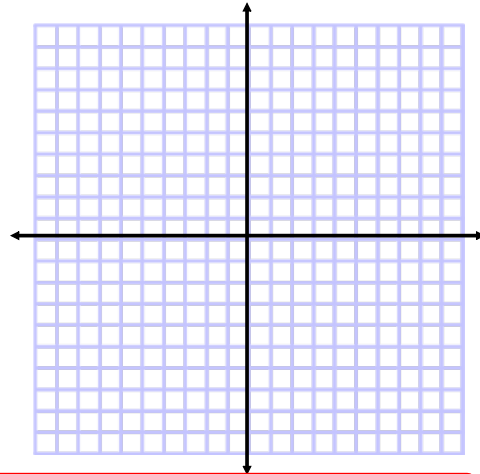# Graph and Solve
3 Quadratic Equations

1) $y = x^2 + 2x - 8$
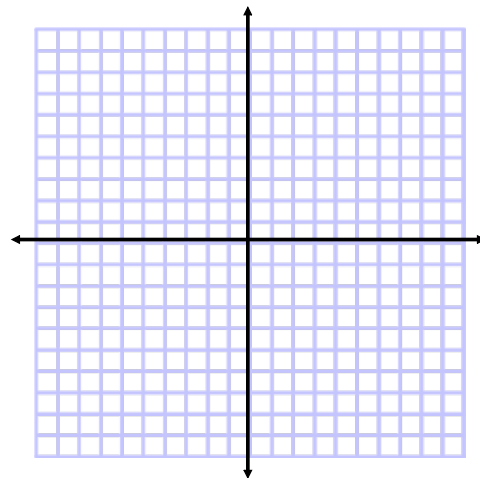
a. x value of the vertex

b. the vertex

c. graph the quadratic

d. find the solutions

2) $y = 4x^2 - 2x + 1$

3) $y = 2x^2 + 4x - 15$