D1B HW: Graphing Parabolas in Standard Form

Directions: For each quadratic find the y – intercept, the x – intercepts, the vertex, and then make a sketch of the graph.

1) $b^2 - 3b - 4 = 0$

2) $n^2 + 9n + 8 = 0$

3) $r^2 + 11r + 30 = 0$

4) $a^2 + 5a - 18 = 6$

5) $x^2 - 6x - 9 = -2$

6) $r^2 + 13r + 39 = -3$