**Algebra 1B: Senior Online Assignment**

1st: Watch the video below first to see how to complete the square with a leading coefficient other than 1. (You will have to find a GCF)

<https://www.khanacademy.org/math/algebra/quadratics/solving-quadratics-by-completing-the-square/v/completing-the-square-to-solve-quadratic-equations>

2nd: Apply the new information learned to the problems below and bring with you to class.

1) m2 + 10m + 14 = −7 2) v2 − 2v = 3

3) 7b2 − 14b − 56 = 0 4) 2n2 + 12n + 10 = 0