

Name _____

Date _____

Advanced Algebra

Unit 4: Quadratics

Assignment/Classwork #8

Learning Target: I can factor with a leading coefficient greater than 1 and find all the key information about the parabola. This means I can find the x intercepts, the y intercept, the vertex and make a sketch.

We have been working on factoring with a leading coefficient greater than 1. This is like Class assignment #3

Factor the following problems so you can do all of the above.

1) $y=2x^2+4x-48$	2) $y=2x^2+14x+24$	3) $y=2x^2+2x-60$
4) $y=3x^2-3x-18$	5) $y=6x^2+8x-8$	6) $y=4x^2-4x-24$

