Unit 5, Day 7, Day Of Homework, Factoring Quadratics:

Complete 8-10 problems (you can definitely try them all!) Read directions below. Choose 1 problem to graph!

Ms. Cori

Name:_____

Ch 8, HW 6 Factoring Quadratics

Date:_____

Directions: Factor completely! Start by factoring out a common factor, then look for patterns (perfect Square trinomial? Difference of Squares?) If no patterns exist, factor with a box and a diamond!

1.) $x^2 - 4x - 60$

2.) $x^2 - x + 0$

3.) $x^2 + 12x + 32$

4.) $x^2 - 8x + 0$

5.) $x^2 - 14x + 45$

6.) $x^2 - 14x + 24$

11) $98n^2 - 200$

12) $3 + 6b + 3b^2$

13) $400 - 36v^2$

14) $100x^2 + 180x + 81$

15) $10n^2 + 100n + 250$

16) $49n^2 - 56n + 16$