Algebra 2A

WS 6.3.5

Name_____

Date_____ Hour_____

Solve each equation by factoring.

1) $x^2 + x - 6 = 0$

2) $x^2 + 8x + 15 = 0$

3) $5n^2 - 31n + 30 = 0$

4) $49v^2 - 14v + 1 = 0$

5) $n^2 + n - 34 = -4$

6) $x^2 - 10x + 33 = 8$

7) $24n^2 - 104n + 28 = -4$

8) $3r^2 + 10r - 42 = 6$

9) $4n^2 + 40n = -64$

10) $3r^2 = -36r - 96$

11) $7x^2 + 54x + 105 = -2x$

12) $b^2 + 11b + 48 = -3b$