

## Homework #4b Factoring Trinomials

Date \_\_\_\_\_ 5T \_\_\_\_\_

**Factor each completely. All are factorable. Always check for a common factor.**

1)  $5x^2 - 16x + 12$

2)  $45v^2 + 70v + 25$

3)  $6m^2 + 36m + 30$

4)  $25n^2 - 9$

5)  $5n^2 - 11n - 36$

6)  $p^2 + 12p + 27$

7)  $4x^2 + 20x + 25$

8)  $7v^2 - 71v + 10$

9)  $5x^2 - 80x + 300$

10)  $32n^2 - 50$

11)  $24m^2 + 51m + 27$

12)  $3v^2 - 26v + 48$