

Math II

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Factoring Worksheet (Factor by Grouping, review trinomials, GCF and Difference of Squares)**

1)  $6ax - 14x + 15a - 35$

2)  $6b^4 + 5b^3 - 24b - 20$

3)  $x^3 + 4x^2 + 6x + 24$

4)  $x^3 + 2x^2 - 36x - 72$

5)  $2x^3 + 3x^2 - 50x - 75$

6)  $c^4 + c^3 - 12c - 12$

7)  $a^3 + 6a^2 - 4a - 24$

8)  $t^3 + t^2 - 16t + 16$