MATD 0370 – Elementary Algebra Name_____
Written Homework 8 - Show all work to receive credit.

Factoring (Sections 5.1 – 5.3)

Remember to always look first for a common factor and write in descending order.

1) Factor by grouping: $10x^3 + 8x^2 - 5x - 4$

2) Factor completely: $m^2 - 5m - 14$

3) Factor completely: $7x - 60 + x^2$

4) Factor completely: $3y^2 - 9y - 84$

5) Factor completely. You might want to use the Grouping Method: $6x^2 - 19x + 10$

6) Factor completely. You might want to use the Grouping Method: $8x^2 + 2x - 21$