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

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

**Factoring Homework**

Factor the following expressions. You must factor out a negative number for at least 3 of the 6 problems

1. $-27x+12$
2. $10n^{2}-2n+8$
3. $4x-18$
4. $-72x^{2}+36x-9$
5. $24x+18$
6. $7x^{3}-14x^{2}+35x-21$