GSE Algebra 1 **HW #8.6** Name: \_\_\_\_\_\_\_\_\_\_\_\_

Factor the following.

1. $x^{2}+14x+49$ 2) $2x^{2}-40x$ 3) $x^{2}-49$
2. $2x^{2}+13x-7$ 5) $6x^{2}+x-12$

Complete the square to solve for x.

1.  7) 
2.  9) 
3. 