Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_

# WS 9-4

# Factoring Quadratics

Factoring the following expressions

1. $-3x^{4}+21x^{3}$ 2. $5x^{3}+30x^{2}+40x$
2. $-12x^{4}+3x^{2}$ 4. $2x^{4}+2x^{3}-60x^{2}$

 5. $34x^{4}-85x^{3}+51x^{2}$ 6. $-16m^{3}+4m$