

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

Date: \_\_\_\_\_  
Ms. Loughran

Do Now:

Factor each of the following completely.

1.  $x^2 + 2xy - 3y^2$

2.  $2x^2 + 3xy + y^2$

3.  $x^3 - 6x^2 - x + 6$

4.  $x^6 + 2x^4 - 16x^2 - 32$

4. Multiply:  $(a - b)(a^2 + ab + b^2)$