Written Homework 7 - Show all work to receive credit.

Subtracting Polynomials (Section 4.4)

1) Subtract and simplify. $(-2x^3 - 3x^2 + 4x + 2) - (-x^3 + 6x^2 - 7x - 11)$

Multiplying Polynomials (Sections 4.4 - 4.7)

Multiply and simplify. Show your steps.

2)
$$(5x-6)(2x+8)$$

3) $(3y-4)^2$

4)
$$(2m+7y)(2m-7y)$$

5)
$$(5x^2 - xy - y^2)(2x + 3y)$$