

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) $(3y - 4)^2$

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

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