

Date:

Title:

(A) Lesson Objectives:

- a. Review the Distribution Rule.
- b. Practice multiplying polynomials with monomials.
- c. How to check results on the graphing calculator.

(B) Definitions of Key Terms:

- a. Distribution Property:
-
-

(C) In Class Practice: Rewrite the following without parentheses by applying the Distributive Property.

a. $5(x + 4) =$

(b) $-3(2x - 7) =$

(c) $-(6 - 3x) =$

b. $2x(3x + 4) =$

(b) $3(2x^2 + 5x - 4) =$

(c) $3ab(a^2b + 2ab^2) =$

c. $6v(2v + 3) =$

(b) $7(-5v - 8) =$

(c) $2x(-2x - 3) =$

(D) Algebraic Examples – In Class

<http://www.teacherweb.com/NY/Arlington/AlgebraProject/U6L4MultiplyingaPolynomialbyaMonomial.pdf>

(E) Homework/Resources

- HW: from Textbook → none
- Video help from OnlineMathLearning with inequalities:
 - o <http://www.onlinemathlearning.com/multiply-monomials-polynomials.html>
- Reading from PurpleMath
 - o <http://www.purplemath.com/modules/polymult.htm>