



Date:

Section:

Objective:

Steps for Multiplying Polynomials

1.

2.

3.

Examples: Multiply.

a) $-xy(7x^2y + 3xy - 11)$

b) $(m + 3)(m - 8)$

c) $(3x + 1)(5x - 2)$

d) $(-2z + 5)(-5z - 8)$

$$\text{e) } (t^2 - 4)(2t + 9)$$

$$\text{f) } (2u^2 - 1)(-5u^2 + 4)$$

$$\text{g) } (z + 5)^2$$

$$\text{h) } (2x - 3)^2$$

$$\text{i) } (n + 3)(n - 3)$$

$$\text{j) } (5y - 2)(5y + 2)$$

$$\text{k) } (2x - 3)(5x^2 - 6x + 7)$$

$$\text{l) } (4x^2 + 7x - 3)(x^2 - 2x + 8)$$