

4.5

# MULTIPLYING POLYNOMIALS BY MONOMIALS

***Example 1***

$$x(x + 7)$$

***Example 2***

$$-5x(3x^2 + 4x + 7)$$

***Example 3***

$$6xy^3(5x^2 + 2xy + 7y)$$

## ***Example 4***

Solve the following:

$$n(2 - 5n) + (5n^2 - 2) = 0$$