Basic Algebra Worksheet #1 (A1)

Date: _____   Name: _____

1. Express each of the following as a single term (If possible) and place your answers on the line provided.

    (a) $8a + 3a =$ _____   (b) $9xy + 15xy =$ _____

    (c) $1.5a + 2.3a =$ _____   (d) $6y^2 - 4y^2 =$ _____

    (e) $x - 7x =$ _____   (f) $4.1n - 2.6n =$ _____

    (g) $a + 0.5a =$ _____   (h) $p = 0.6p =$ _____

2. Express each of the following as a single term (If possible) and place your answers on the line provided

    (a) $5x + 6x + 2x =$ _____   (b) $8m - 7m + m =$ _____

    (c) $2a^2 - 5a^2 - 3a^2 =$ _____   (d) $cd + 6cd - 9cd =$ _____

    (e) $x + 3x + 7x =$ _____   (f) $-xy^2 + 2xy^2 + 4xy^2 =$ _____

    (g) $-t - 3t - 2t =$ _____   (h) $4m^2n^2 - m^2n^2 + 3m^2n^2 =$ _____

3. Express each of the following as a single term (If possible) and place your answers on the line provided.

    (a) $2x - 3x - x + 4x =$ _____   (b) $4y - 8y + 6y - 4y =$ _____

    (c) $5a + 6a - 3a - a =$ _____   (d) $-x^2 + 2x^2 - x^2 - 3x^2 + 6x^2 =$ _____

    (e) $ab + 7ab - 2ab + ab - 4ab =$ _____

    (f) $2x^2y - 3x^2y - x^2y + x^2y - 3x^2y =$ _____

    (g) $4t - 2t - 6t + 3t + t - 5t =$ _____

    (h) $7m^4x^2 - m^4x^2 - 2m^4x^2 + 3m^4x^2 - m^4x^2 =$ _____

    (i) $2cr - 5cr + 7cr + cr - 6v + 2cr =$ _____