

**HW 8/25, 1st Period #1-4, 2nd Period #5-8**

**Simplify each sum or difference.**

1.  $(3x - 2) - (4x + 3)$  \_\_\_\_\_

2.  $(2x^2 - 4x + 1) - (x^2 - 2x + 1)$  \_\_\_\_\_

3.  $(2x^2 + 5x + 4) + (x^2 - 3x - 3)$  \_\_\_\_\_

4.  $(-x^2 + 3x - 1) + (3x^2 - x + 2)$  \_\_\_\_\_

5.  $(4x^2 - 3x + 8) - (3x^2 - 2x + 10)$  \_\_\_\_\_

6.  $(2x^2 - 7x - 9) + (x^2 - 3x + 2)$  \_\_\_\_\_

7.  $(y^2 - 8y - 6) - (y^2 - 10y + 3)$  \_\_\_\_\_

8.  $(4xy - 2x^2 + 3y^2) + (x^2 - 5xy - 7y^2)$  \_\_\_\_\_

9.  $(7x^2 - 5xy - 6y) - (3xy + 5x^2 - 11y)$  \_\_\_\_\_

10.  $(6k^2 - 9) - (4k + 3)$  \_\_\_\_\_

11.  $(8ab - 7b) + (6b - 9ab)$  \_\_\_\_\_

12.  $(5x^2 - 7xy - 12y^2) - (5xy + 3 - 6y^2)$  \_\_\_\_\_