**Day 2 – Adding & Subtracting Polynomials Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Practice Assignment Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_\_**

1. *Add the following polynomials. Make sure your final answer is in standard form.*

a.  b. 

c. (7y2 + 2y – 3) + (2 – 4y + 5y2) d. (3x2 – 4x + 8) + (2x – 7x2 – 5)

2. *Subtract the following polynomials. Make sure your final answer is in standard form.*

a. (2x – 4) – (5x + 7) b. (3x2 – 3x – 5) – (2x2 + x – 6)

c. (4x2 + 3x – 10) – (-4x2 + 2x + 8) d. (14x – 3x2 + 2) – (3x + 4x2 - 5)

e. (x – 5 + 5x2) – (5 + 8x2 – x) f. (4x + 3x3 – 7) – (-2x + 1 – 5x3)

g.  h. (3n2 + 13n3 + 5n) – (7n + 4n3)

3. *Determine the missing values of m and n.*

a. (4x2 + 2x – 8) + (mx2 – nx + 4) = 7x2 – 5x – 4 b. (mx2 – 8x + 3) – (6x2 + nx – 4) = -2x2 – 5x + 7