

Name: _____

Math is Gold

Date: _____

Topic: Polynomial Subtraction

(id:poly_sub_A.1)

Title: Subtract the polynomials.

1) $(4x^3 - 3x^2 + 5) - (2x^3 - x^2 + 1)$

2) $(a^3 - 3a^2) - (4a^3 + 3a^2)$

3) $(p^2 - 5) - (3p^2 - 2p^3)$

4) $(3x^5 - 5x) - (5x^5 - 3)$

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

6) $(9x^5 - 3x^3) - (2x^3 - 3x^5)$

$$7) (7n^4 - n^2) - (n^2 - 5n^4)$$

$$8) (a^3 - 5a^2) - (2a^3 + 5a^2)$$

$$9) (2p^4 - p^3) - (5p^3 - p^2)$$

$$10) (x^4 - 3x^2 - 7) - (-17 - x^4 - 4x^2)$$

$$11) (5x^3 - 7x^2) - (2 - 3x^3 - 10x^2)$$

$$12) (6x^5 - 5x^3 + 4x^2) - (9x^2 - 3x^3 + 5x^5)$$

$$13) (6x^3 - 4x + 5) - (2x^3 - 8x - 3)$$

$$14) (9x^3 - 2x^2 - 7) - (x^3 - 2x^2 + 9)$$

$$15) (2k^4 + 7k) - (-7k - k^4)$$