

## Algebra I Worksheet #2 Unit 10

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Perform the indicated operations. (Change subtraction to addition.)

1.  $(7x^2 + 5x + 8) - (5x^2 + 2x + 10) = \underline{\hspace{5cm}}$

2.  $(5x^2 + 6x - 1) - (7x^2 + 2x - 3) = \underline{\hspace{5cm}}$

3.  $(2x^2 - 5x + 6) - (x^2 + 3x - 2) = \underline{\hspace{5cm}}$

4.  $(4x^2 - x + 3) - (2x^2 - 5x - 8) = \underline{\hspace{5cm}}$

5.  $(-5x^2 + 7x - 6) - (3x^2 - 5x + 2) = \underline{\hspace{5cm}}$

6.  $(2x^2 - 3x - 5) - (-3x^2 - 3x + 5) = \underline{\hspace{5cm}}$

7.  $(-3x^2 + 6x + 5) - (-2x^2 - 7x - 8) = \underline{\hspace{5cm}}$

8.  $(x^2 - 4x + 1) - (3x^2 + 4x - 5) = \underline{\hspace{5cm}}$

9.  $(6x^2 - 8x - 5) - (-3x^2 - 8x + 7) = \underline{\hspace{5cm}}$

10.  $(2x^3 - 3x^2 + 9x - 3) - (5x^3 - 7x^2 - 10x + 5) = \underline{\hspace{5cm}}$

11.  $(-2x^3 + 5x^2 - x - 6) - (3x^3 - 5x^2 - 3x + 2) = \underline{\hspace{5cm}}$

12.  $(2x^2 + 5xy - 7y^2) - (-2x^2 - 7xy - 4y^2) = \underline{\hspace{5cm}}$

13.  $(-5x^2 - xy + 3y^2) - (-3x^2 - 4xy + y^2) = \underline{\hspace{5cm}}$

14.  $(5x^3 - 2x^2y + 5xy^2 - 3y^3) - (-3x^3 - 3x^2y - 5xy^2 + 7y^3) = \underline{\hspace{5cm}}$

15.  $(-x^3 + 3x^2y - 2xy^2 + 7y^3) - (2x^3 + 3x^2y - 7xy^2 - 8y^3) = \underline{\hspace{5cm}}$