

Algebra I Worksheet #1 Unit 10

Add the given polynomials.

1. $(2x^2 + 3x + 5) + (3x^2 + 5x + 7) =$ _____

2. $(5x^2 - 8x + 2) + (4x^2 - 4x + 3) =$ _____

3. $(-2x^2 + 5x + 2) + (x^2 - 5x - 5) =$ _____

4. $(5x^2 + 3x - 7) + (7x^2 + 4x - 1) =$ _____

5. $(x^2 - 2x + 5) + (-5x^2 + 3x - 2) =$ _____

6. $(9x^2 + 2x - 10) + (x^2 - 2x + 1) =$ _____

7. $(3x^2 - 4x + 2) + (x^2 - 5x + 3) =$ _____

8. $(x^2 + 3x - 8) + (5x^2 - 2x - 1) =$ _____

9. $(4x^2 + 5x + 2) + (3x^2 + 9x + 1) =$ _____

10. $(3x^2 - 3x - 8) + (9x^2 - 5x - 2) =$ _____

11. $(-5x^3 + x^2 + x - 2) + (x^3 - x^2 - 2x + 5) =$ _____

12. $(2x^3 - 3x^2 + 9x - 3) + (5x^3 - 7x^2 - 10x + 5) =$ _____

13. $(-2x^3 + 5x^2 - x - 6) + (3x^3 - 5x^2 - 3x + 2) =$ _____

14. $(7x^3 - 7x - 1) + (3x^3 - 7x^2 + 1) =$ _____

15. $(-6x^3 + 2x^2 - 5x + 8) + (6x^3 - 4x^2 + 4x - 7) =$ _____

16. $(3x^3 + 5x - 1) + (5x^3 + 3x^2 - 1) =$ _____

17. $(2x^2 + 5xy - 7y^2) + (-2x^2 - 7xy - 4y^2) =$ _____

18. $(-5x^2 - xy + 3y^2) + (-3x^2 - 4xy + y^2) =$ _____

19. $(5x^3 - 2x^2y + 5xy^2 - 3y^3) + (-3x^3 - 3x^2y - 5xy^2 + 7y^3) =$ _____

20. $(-x^3 + 3x^2y - 2xy^2 + 7y^3) + (2x^3 + 3x^2y - 7xy^2 - 8y^3) =$ _____