

Algebra I Worksheet #1 Unit 10 Selected Solutions

Add the given polynomials.

4. $(5x^2 + 3x - 7) + (7x^2 + 4x - 1) = 12x^2 + 7x - 8$

8. $(x^2 + 3x - 8) + (5x^2 - 2x - 1) = 6x^2 + x - 9$

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

16. $(3x^3 + 5x - 1) + (5x^3 + 3x^2 - 1) = 8x^3 + 3x^2 + 5x - 2$

20. $(-x^3 + 3x^2y - 2xy^2 + 7y^3) + (2x^3 + 3x^2y - 7xy^2 - 8y^3) = x^3 + 6x^2y - 9xy^2 - y^3$