

LESSON 29: Polynomials

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Homework
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Directions: Find each sum or difference. Model Problems 1–3 with algebra tiles.

1. $(x + 5) + (2x - 1)$

2. $(2x^2 + 4x - 1) + (3x^2 - 6x + 2)$

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

4. $(5x - 3) + (8x + 1)$

5. $(2x^2 + 5) - (x^2 + 2x + 5)$

6. $(2x^2 + 3x - 7) + (3x^2 + x + 9)$

7. $(y^3 + 3y^2 - y) - (y^3 - y^2 - 1)$

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

9. $(x^2 + 2x + 1) - (x^2 - x + 8)$

10. $(5m^2 + m - 6) + (m^2 - 4m + 7)$