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# Adding and Subtracting Polynomials

## Practice Worksheet A

### 1 Practice Problems

Find the sum or difference by adding or subtracting the polynomials.

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

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

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

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

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

7)  $(4x^2 + 3x - 6) + (2x^2 + x + 2)$

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

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

# Adding and Subtracting Polynomials

## Practice Worksheet A

### 1 Practice Problems

Find the sum or difference by adding or subtracting the polynomials.

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

$$4x^2 + 5x + 3$$

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

$$-2x^2 - 7x + 10$$

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

$$6x^2 - 3x + 4$$

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

$$4x^2 + 4$$

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

$$2x^2 + 2x - 8$$

7)  $(4x^2 + 3x - 6) + (2x^2 + x + 2)$

$$6x^2 + 4x - 4$$

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

$$2x^2 - x + 5$$

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

$$-2x^2 + 4x - 6$$