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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.

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

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

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

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

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

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

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

$$4x^2 + 4$$

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

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

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

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

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

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

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

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