

Name: _____

Math 1.1.1: Adding and Subtracting Polynomials

Adding and Subtracting Polynomials

Write each expression.

1a. $(2x^2 + 3x) + (4x^2 + 5x)$

1b. $(3x + 2x^2) + (x^2 + 2)$

1c. $(2x^2 + 3x) + (4x^2 + 5x)$

1d. $(3x + 2x^2) + (x^2 + 2)$

1e. $(2x^2 + 3x) + (4x^2 + 5x) + (x^2 + 2)$

1f. $(3x + 2x^2) + (x^2 + 2) + (4x^2 + 5x)$

1g. $(2x^2 + 3x) + (4x^2 + 5x) + (x^2 + 2) + (3x + 2x^2)$

1h. $(3x + 2x^2) + (x^2 + 2) + (4x^2 + 5x) + (2x + x^2)$

1i. $(2x^2 + 3x) + (4x^2 + 5x) + (x^2 + 2) + (3x + 2x^2) + (x^2 + 2)$

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2a. $(2x^2 + 3x) - (4x^2 + 5x)$

2b. $(3x + 2x^2) - (x^2 + 2)$

2c. $(2x^2 + 3x) - (4x^2 + 5x)$

2d. $(3x + 2x^2) - (x^2 + 2)$

2e. $(2x^2 + 3x) - (4x^2 + 5x) + (x^2 + 2) + (3x + 2x^2)$

2f. $(3x + 2x^2) - (x^2 + 2) - (4x^2 + 5x) + (2x + x^2) + (2)$

2g. $(2x^2 + 3x) - (4x^2 + 5x) + (x^2 + 2) + (3x + 2x^2) + (x^2 + 2)$

2h. $(3x + 2x^2) - (x^2 + 2) - (4x^2 + 5x) + (2x + x^2) + (2) + (3x + 2x^2)$

2i. $(2x^2 + 3x) - (4x^2 + 5x) + (x^2 + 2) + (3x + 2x^2) + (x^2 + 2) + (3x + 2x^2)$