

Name: \_\_\_\_\_

Math 1.1.1: Adding and Subtracting Polynomials

**Adding and Subtracting Polynomials**

**Write each expression.**

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

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

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

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

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

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

1g.  $(2x^2 + 3x) + (x^2 + 4x) + (x^2 + 5) + (x^2 + 6)$

1h.  $(3x^2 + 4x) + (2x^2 + 3x) + (x^2 + 5) + (x^2 + 6)$

1i.  $(2x^2 + 3x) + (x^2 + 4x) + (x^2 + 5) + (x^2 + 6) + (x^2 + 7)$

Name: \_\_\_\_\_

Class: \_\_\_\_\_ Period: \_\_\_\_\_

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

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

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

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

2e.  $(2x^2 + 3x) - (x^2 + 4x) + (x^2 + 5) + (x^2 + 6)$

2f.  $(3x^2 + 4x) - (2x^2 + 3x) + (x^2 + 5) + (x^2 + 6)$

2g.  $(2x^2 + 3x) - (x^2 + 4x) + (x^2 + 5) + (x^2 + 6) + (x^2 + 7)$

2h.  $(3x^2 + 4x) - (2x^2 + 3x) + (x^2 + 5) + (x^2 + 6) + (x^2 + 7)$

2i.  $(2x^2 + 3x) - (x^2 + 4x) + (x^2 + 5) + (x^2 + 6) + (x^2 + 7) + (x^2 + 8)$