

NAME \_\_\_\_\_

**Module 11** Simplifying Algebraic Expressions  
with Polynomials  
**Lesson 3** Adding and Subtracting Polynomials

**guided  
practice**

**Set 1**

1. Add:  $(5n + 3) + (-2n - 7)$

$3n - 4$

2. Add:  $(r^3 - 2r - 1) + (3r + 5)$

$r^3 + r + 4$

3. Add:  $(4c^2 - 5cd) + (-3c^2 + 6cd - d^2)$

$c^2 + cd - d^2$

**Set 2**

1. Subtract:  $(k^2 + 3k + 1) - (-k^2 + 5k + 3)$

$2k^2 - 2k - 2$

2. Subtract:  $(a^3 - 3a + 5) - (-a^3 + a^2 - 2)$

$2a^3 - a^2 - 3a + 7$

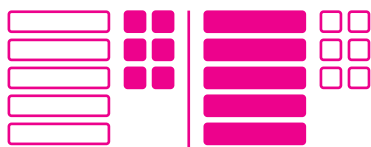
3. Subtract:  $(4x^3y^5 - 7x^2y) - (4x^3y^5 - 7x^2y)$

$0$

**Manipulatives Set**

1. Add:  $(5r - 6) + (-5r + 6)$

$0$



2. Subtract:  $(y^2 + 2y + 8) - (y^2 - 2y + 4)$

$4y + 4$



