

NAME _____

DATE _____

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

- Add polynomials.
- Subtract polynomials.

A polynomial is a _____ or sum of _____.

A monomial is an expression containing _____.

A _____ contains two terms.

A trinomial contains _____ terms.

To add polynomials, combine _____.

Like terms are terms with exactly the same _____, with the
same _____.

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

2 Add: $(3x^2 + 2xy - y^2) + (x^2 - xy + 2y^2)$

To subtract a polynomial, add its _____.

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

