

# REVIEW-OVERVIEW OF SIMPLIFICATION OF ALGEBRAIC EXPRESSIONS

<i>Situation</i>	<i>Important Concepts to Keep in Mind</i>	<i>Example: Fully Simplify the Given Expression</i>
Add/Subtract Polynomial Expressions <i>without</i> Brackets		$-13x^2y - 7xy + 12x^2y - 8xy$
Add/Subtract Polynomial Expressions <i>with</i> Brackets		$-(13x^2y - 7xy) - (12x^2y - 8xy)$
Multiply Monomials		$(-13x^2y)(-7xy)(+12x^2y)(-8xy)$

<i>Situation</i>	<i>Important Concepts to Keep in Mind</i>	<i>Example: Fully Simplify the Given Expression</i>
<p>Multiply/Divide Monomials</p>		$\frac{27p^{11}q^2(-pq^5)}{3^{-2}(3^{-5}p^3q^{-1})^{-1}(482pqr)^0}$
<p>Multiply a Monomial by a Polynomial</p>		$-2b^{-3}(5a^2b^3 + 3a^3b^6) - 7ab^{-6}(6a^2b^9 - ab^6)$