
 NAME _____

Module 12 Simplifying Algebraic Expressions
by Factoring Polynomials

Lesson 7 Dividing Polynomials Using Factoring



**guided
practice**

Set 1

1. Simplify: $\frac{x^2 - 13x + 36}{x - 4}$.

2. Simplify: $\frac{8a^2 + 2a - 3}{2a - 1}$.

Set 2

1. Simplify: $\frac{2h^2 - 18}{2h + 6}$.

2. Simplify: $\frac{12p^2 + 8p - 15}{10p + 15}$.

Manipulative Set

Simplify using algebra tiles.

1. Simplify: $\frac{b^2 - 4}{b + 2}$.

2. Simplify: $\frac{6k + 9}{3}$.

3. Simplify: $\frac{2y^2 + 5y + 3}{y + 1}$.

