NAME

Module 15Simplifying Rational ExpressionsLesson 2Simplifying Rational Expressions

Lesson Objectives

• Simplify rational expressions to simplest form.

• Identify rational expressions that are already in simplest form.

A rational expression is in **simplest form** if the numerator

and denominator have no common factors except one.

Simplifying rational expressions containing more than one term in the

numerator or denominator usually requires two steps.

First, **factor** the numerator and denominator.

Then, **cancel** the common factors.

Simplify: $\frac{7f^2 - 21f}{f - 3}$. 7f

If a numerator or denominator containing more than one term cannot be factored, add parentheses around it as a visual reminder to cancel the entire quantity.



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Module 15 Lesson 2

Guided Notes

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