



**guided
practice**

NAME _____

Module 15 Simplifying Rational Expressions
Lesson 3 Multiplying and Dividing Rational Expressions

Set 1

1. Simplify: $\frac{48y^5}{21z^3} \cdot \frac{7z^2}{8y^2}$. _____

2. Simplify: $\frac{a+b}{a^2+2ab+b^2} \cdot \frac{6a+12b}{6}$. _____

Set 2

1. Simplify: $\frac{10r^3}{6x^3} \div \frac{25r}{42x^3}$. _____

2. Simplify: $\frac{m^2+8m+15}{a+b} \div \frac{m+3}{a+b}$. _____



