

8.4 B

Name _____

Rational Expression Worksheet #5: Multiplying & Dividing

Multiply or divide these rational expressions. Show work and **FACTOR!!**
State the restrictions.

1. $\frac{2a^2b}{b^2c} \cdot \frac{b}{a}$

2. $\frac{y^2 - 2y - 15}{4} \cdot \frac{8}{y+3}$

4. $\frac{5n+15}{4n+8} \cdot \frac{2n+4}{3n+9}$

7. $\frac{x+3}{10x+20} \cdot \frac{x+2}{x^2+4x+3}$

10. $\frac{24x^3}{25y^5} \cdot \frac{15y^2}{8x^2}$

11. $\frac{6x-18}{4x} \cdot \frac{x}{2x-6}$