

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Rational Expressions 2 Column Quiz**  
Simplify AND state restrictions on the variables:

$$\frac{2x + 10}{x^2 - 4x + 4} \div \frac{x^2 - 25}{x - 2}$$

$$\frac{x^2 - 1}{2x - 4} \div \frac{x^2 + 4x - 5}{x^2 - 7x + 10}$$

$$\frac{2(n^2 - 7n + 12)}{n^2 - n - 6} \times \frac{n^2 - 4}{5n - 20}$$

$$\frac{10x^2 + 3xy - y^2}{9x^2 - y^2} \times \frac{12x + 4y}{6x^2 + 3xy}$$