

Name \_\_\_\_\_ Date \_\_\_\_\_ Pd \_\_\_\_\_

### 7.2 Multiplying & Dividing Rational Functions DAY THREE CYU

Use when you get it right all by yourself

**S** Use when you did it all by yourself, but made a silly mistake

**H** Use when you could do it alone with a little help from teacher or peer

**G** Use when you completed the problem in a group

**X** Use when a question was attempted but wrong (get help)

**N** Use when a question was not even attempted

CONCEPTS	BASIC	INTERMEDIATE	ADVANCED
Multiplying/Dividing Rational Expressions			
Simplifying Rational Expressions			

Perform the indicated operation. Show all work to earn full credit.

1.  $\frac{5x-10}{12} \div \frac{4x-8}{8}$

2.  $\frac{6x+6}{5} \div \frac{9x+9}{10}$

3.  $\frac{x^2+5x}{8} \cdot \frac{9}{3x+15}$

$$4. \frac{3x^2+12x}{6} \cdot \frac{9}{2x+8}$$

$$5. \frac{7}{6p^2+q} \div \frac{14}{18p^2+3q}$$

$$6. \frac{3x+6}{20} \div \frac{4x+8}{8}$$

$$7. \frac{3x+4y}{x^2+4xy+4y^2} \cdot \frac{x+2y}{2}$$

$$8. \frac{(x+2)^2}{(x-2)} \div \frac{x^2-4}{2x-4}$$

$$9. \frac{x+3}{x^2-9} \div \frac{5x+15}{(x-3)^2}$$

**CYU Reflection:** *How far can you go: basic, intermediate, or advanced?*

**Rate your mastery level!**

How confident are you with the skills this CYU covered? Circle the score you would give yourself.

