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

$\frac{5}{6}$

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

$\frac{4}{3}$

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

$\frac{3x}{8}$

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

$\frac{9x}{4}$

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

$\frac{3}{2}$

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

$\frac{3}{10}$

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

$\frac{3x+4y}{2(x+2y)}$

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

$\frac{2(x+2)}{x-2}$

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

$\frac{x-3}{5(x+3)}$

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.