Name _____ Date _____ Pd _____

7.4 Complex Fractions DAY TWO CYU

CONCEPTS	BASIC	INTERMEDIATE	ADVANCED
LCD	3	1, 2	4 - 8
Domain restriction in interval notation	3	1, 2	5 - 8
Adding rational expressions		2	5, 7, 8
Subtracting rational expressions	3	2	6
Dividing rational expressions	3	1, 2	4 - 8
Multiplying rational expressions	3	1, 2	4 - 8

1. $\dfrac{\dfrac{6}{x-1}}{\dfrac{3}{x}}$

2. $\dfrac{\dfrac{2a}{a-1}-\dfrac{3}{a}}{\dfrac{1}{a-1}+\dfrac{2}{a}}$

3. $\dfrac{2-\dfrac{1}{x}}{x}$

4. $\dfrac{\dfrac{3x+y}{x^2-y^2}}{\dfrac{1}{x-y}}$

5. $\dfrac{\dfrac{1}{x}+\dfrac{3}{2x}}{\dfrac{1}{3x}+\dfrac{3}{4x}}$

6. $\dfrac{\dfrac{r+6}{r}-\dfrac{1}{r+2}}{\dfrac{r^2+4r+3}{r^2+r}}$

7. $\dfrac{\dfrac{1}{x+2}}{6+\dfrac{4}{x}}$

8. $\dfrac{\dfrac{1}{x+2}+\dfrac{1}{x-5}}{\dfrac{2x^2-x-3}{x^2-3x-10}}$

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.

1	2	3	4	5	6	7	8
Basic		Intermediate			Advanced		Solved ALL!