Name _____ Date _____ Pd ____

5.6 Long Division of Polynomials DAY TWO 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
Long Division with polynomial functions		1 - 6	7 - 12

Use long division to complete the division problems below. Show all work to earn full credit.

1. $\frac{x^2+4x+3}{x+3}$

2. $\frac{x^2+7x+10}{x+5}$

3. $\frac{2x^2+13x+15}{x+5}$

4. $\frac{3x^2+8x+4}{x+2}$

5. $\frac{2x^2-7x+3}{x-4}$

6. $\frac{3x^2-x-4}{x-1}$

7. $\frac{9a^3-3a^2-3a+4}{3a+2}$

8. $\frac{4x^3+12x^2+x-14}{2x+3}$

9. $\frac{8x^2+10x+1}{2x+1}$

10. $\frac{3x^2+17x+7}{3x+2}$

11. $\frac{2x^3+2x^2-17x+8}{x-2}$

12. $\frac{4x^3+11x^2-8x-10}{x+3}$

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.