Name _____ Date _____ Pd ____

11.2 Solving Quadratic Equations by Quadratic Formula DAY ONE 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
Using the Quadratic Formula	1, 2	3, 4	5 - 12
Foiling	11, 12		
PEMDAS	11, 12		

Use the quadratic formula to solve each equation. These equations have real number solutions only.

1. $m^2 + 5m - 6 = 0$

2. $p^2 + 11p - 12 = 0$

3. $2y = 5y^2 - 3$

4. $5x^2 - 3 = 14x$

5. $x^2 - 6x + 9 = 0$

6. $x^2 + 7x + 4 = 0$

7. $8m^2 - 2m = 7$

8. $y^2 + 10y + 25 = 0$

9. $\frac{1}{2}x^2 - x - 1 = 0$

10. $\frac{1}{3}y^2 = y + \frac{1}{6}$

11. (m + 2)(2m – 6) = 5(m – 1) – 12

12. 7p(p – 2) + 2(p + 4) = 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.