Algebra 2

Unit 4.4 – Completing the Square I Can Sheet

Name: _____

Standards: Q2.2 – Solving quadratics by completing the square
I CAN…
- Solve quadratics by completing the square when $a = 1 \; or \; a \neq 1$
- Use completing the square to put equations into vertex form
- Explain when it would be appropriate or helpful to use the CTS method.

Items in bold should be turned in to me or placed in your binder.

_____**video notes (2)**

_____**book assignment**

_____maze ws

_____extra video

_____pre-mc

_____**mastery check**

Pre-MC:

- Know when it is useful to complete the square

Solve by completing the square.

1. $p^2 + 14p - 38 = 0$

2. $6x^2 - 48 = -12x$

Convert the equation into vertex form.

3. $2x^2 - 5x + 67 = 0$