Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_

Teacher: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ CC Algebra

Cumulative Review #1.4

**Show work for all questions for full credit**

**& write your answers on the lines provided!!!**

(*If you feel no work is needed you must explain your reasoning.)*

\_\_\_\_\_\_1. What is the first step in simplifying the expression (2 – 3 x 4 + 5)2?

A. square 5 C. subtract 3 from 2

B. add 4 and 5 D. multiply 3 by 4

\_\_\_\_\_\_ 2. Mr. Stanton asked his students to write an algebraic expression on a piece of paper.

 He chose four students to go to the board and write their expression.

 Robert wrote: 4(2*x* + 5) ≥ 17

 Meredith wrote: 3*y* − 7 + 11*z*

 Steven wrote: 9*w* + 2 = 20

 Cynthia wrote: 8+10−4 = 14

 Which student wrote an algebraic expression?

A. Robert

B. Meredith

C. Steven

D. Cynthia

3. Find (w2 − w + 1) + (w3 − 2w2 + 99). Write your answer in standard form.

4.A method for solving 5(x – 2) – 2(x – 5) = 9 is shown below. Identify the property used to obtain each of the two indicated steps.



5. Find w2 (w3 − w + 1). Write your answer in standard form.