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

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

Cumulative Review #2.2

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. If two points on a line are (−1, 4) and (2, −2), what is the slope of the line?

 A. − C. 2

 B. −2 D. 6

 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. If  , then t equals:

 A. 

 B. 

C. 

D. 

 2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Simplify the following expression:

 6n + 2n(−3n + 2) + 5n2

3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Solve the following equation:

 4(3x – 5) = 5x + 7(x + 15)

4. \_\_\_\_\_\_\_\_\_\_\_\_\_

5. Solve and check this linear system algebraically:

x + 2y = 122x - y = 4

5. \_\_\_\_\_\_\_\_\_\_\_\_\_