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

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

Cumulative Review #2.1

**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. Which ordered pair is *not* a solution of the equation y = 3x − 3?

A. (−1, −1)

B. (0, −3)

C. (1, 0)

D. (2, 3)

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

2. Simplify (2m + 3)2.

A. 4m2 + 9

B. 4m2 + 12m + 9

C. 2m2 + 12m + 9

D. 2m2 + 6m + 9

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

3. Solve the following equation for *t.*

*q = (s + t)*

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

4. Evaluate (2x − 3z)2  when x = −2 and z = −6.

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

5. Solve and check the following equation:

(24 − 8x) = 2(5x + 1)

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