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

Teacher: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Math 8

Cumulative Review #2.3

**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. 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. \_\_\_\_\_\_\_\_\_\_

3. Last year, Mr. Lopez made $30,000. His boss just informed him that he will be receiving an 11.2% raise this year. How much will he make this year?

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

4. Evaluate x2  + 3x − 18 when x = −3.

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

5. Simplify 4n + 2(3n − 5) − 8 + n.

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