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

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

Cumulative Review #2.5

**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. | After school, the members of the car club counted the colors of cars parked in the school parking lot. They recorded their data on the bar graph below.  Based on information in the graph, which statement is true? | |
|  | A. | There are more black cars than red cars. |
|  | B. | There are more black cars than blue cars. |
|  | C. | There are more blue cars than red cars. |
|  | D. | There are more blue cars than black cars. |

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

|  |  |  |
| --- | --- | --- |
| 2. | The mass of a bag of potatoes is 4.5 kilograms. What is the mass, in grams of the bag of potatoes? | |
|  | A. | 45 |
|  | B. | 450 |
|  | C. | 4,500 |
|  | D. | 45,000 |

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

|  |  |
| --- | --- |
| 3. | http://datamentor.org/userfiles/Image/math6Examples/geometry/6g11_1.gifWhat is the area of the rectangle plotted on the grid? |

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

|  |  |
| --- | --- |
| 4. | Write a verbal description for the mathematical expression 50e – 134 |

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

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|  |  |
| --- | --- |
| 5. | Solve and check the equation 14 – 3(b + 1) = 2 |

b = \_\_\_\_\_\_\_\_\_­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_