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

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

Cumulative Review # 3.3

**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. | Write the equation of a line that passes through the points (0, 9) and (3, -3). | |
|  | A. | *y* = -4*x* + 15 |
|  | B. | *y* = -4*x* + 9 |
|  | C. | *y* = 2*x* + 9 |
|  | D. | *y* = 2*x* - 9 |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 2. | Which table shows pairs of values belonging to the solution set of 2*x*  - *y* = 7? | | | |
|  | A. |  | C. |  |
|  | B. |  | D. |  |

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

|  |  |
| --- | --- |
| 3. | Write in coordinate notation the translation of Point A (-3, 5) to Point A’ (2, 1). |

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

|  |  |
| --- | --- |
| 4. | Solve and Check the equation 10(2y + 2) – y = 2(8y – 8) |

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

|  |  |
| --- | --- |
| 5. | Solve the following system of linear equations:  -20x + 2y = 6  -10x + y = 7 |

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