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

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

Cumulative Review # 3.6

**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 to 2x + 3y = 12?  |
|   | A. | (0, 4)  |
|  | B. | (3, 2)  |
|  | C. | (2, 3)  |
|  | D. | (6, 0)  |

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

|  |  |
| --- | --- |
| 2. | Simplify 4n + 2(3n – 5) – 8 + n  |
|  | A. | 8n – 13  |
|  | B. | 9n – 8  |
|  | C. | 10n – 2  |
|  | D. | 11n – 18  |

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

|  |  |
| --- | --- |
| 3. | Solve and Check 5(x – 2) – 2(x – 5) = 9 |

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

|  |  |
| --- | --- |
| 4. | Simplify (Remember no Negative exponents can be left in your answer)  |

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

|  |  |
| --- | --- |
| 5. | Solve the system of equations  |
|  | 2y + 4x = 6  y – 2x = 1  |

 5 . (\_\_\_\_\_, \_\_\_\_\_)