**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
 **Date\_\_\_\_\_\_\_\_\_\_\_ #\_\_\_\_\_**

 **7th Grade Math Proficient Test 1 -** http://www.prepdog.org/7th/7mp1.htm

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Answer** | **Show me how your brain works. Explain or sketch how you solved the problem.** | **Understanding** |
| 1. |  |  |  |
| 2. |  |  |  |
| 3. |  |  |  |
| 4. |  |  |  |
| 5. |  |  |  |
| 6. |  |  |  |
| 7. |  |  |  |
| 8. |  |  |  |
| 9. |  |  |  |
| 10. |  |  |  |
| 11. |  |  |  |
| 12. |  |  |  |
| 13. |  |  |  |
| 14. |  |  |  |

Total correct: \_\_\_\_/14

Find the value for x2 – 4 = y, given x. Draw a rough sketch of what the line would look like on a graph. What could this line or equation represent in an everyday application? Explain

|  |
| --- |
|  X | Y 0 | 1 | 2 | 3 | 4 | |

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