Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Hour\_\_\_\_\_\_\_

Unit 0 Review

**1) Standard - I can classify Rational and Irrational numbers.**

|  |  |  |
| --- | --- | --- |
|  |  | .54321... |
| .59595959... |  | - |
|  | The difference of a rational and irrational number | The quotient of two rational numbers |

**Standard - I can combine like terms.**

**2)**  **3)** **4)**

**Standard - I can evaluate algebraic expressions.**

**5)** Evaluate the expression when x=-4 and y=3  
  
  
  
  
  
  
**Standard - I can simplify using order of operations.**

**6)**  **7)**

**Standard - I can solve equations.**

|  |  |
| --- | --- |
| 8) Solve for x. | **Final Answer** |
| 9) Solve for x. | **Final Answer** |
| 10) Solve for x. | **Final Answer** |
| 11) Solve for x. | **Final Answer** |
| 12) Solve for x. | **Final Answer** |

**Standard - I can write and solve consecutive integer word problems.**

13) Tommy was thinking of 3 consecutive **even** integers, but forgot them all! All he

remembers is that the sum is 72. Can you tell him his **second term**?  
  
  
  
  
  
  
14) Julia was thinking of 3 consecutive integers. The sum of the integers is -72. Find the 3

integers.

**Standard - I can write and solve perimeter word problems.**

15) The length of a rectangle is 5 inches more than its width. The perimeter is 70

inches. Find the length and width.

16) The length of a rectangle is 3 inches more than three times its width. The perimeter is 62

inches. Find the length and width.