Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Algebra 1 HW – Unit 2:2

**Show ALL work on the back or on another sheet of paper that is stapled to your homework.**

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| --- | --- | --- | --- |
| **Monday** | **Tuesday** | **Wednesday** | **Thursday** |
| 1.Simplify: | 1. Simplify: | 1. Simplify: | 1.Simplify: |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 2.Simplify: | 2.Simplify: | 2.Simplify: | 2.Simplify: |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 3.Describe in terms of accuracy and precision (high, low):  **Object is 2.1**  Data: 2.11m, 2.10m, 2.10m | 3.Describe in terms of accuracy and precision (high, low):  **Object is 418g.**  Data: 411g, 411.1g, 412g, 411.3g | 3.Describe in terms of accuracy and precision (high, low):  **Object is 4 g/cm3**  Data: 4.1, 4.01, 4.02, 3.98 | 3.Describe in terms of accuracy and precision (high, low):  **Object is 39ºC**  Data: 41, 42, 47, 50 |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 4.How many kilometers will a person run during a 20 mile race? | 4. A lake is 280,000 cubic feet. How many gallons is it? | 4. A car is 252 miles from its destination. How many kilometers is that? | 4. A building must be 325 feet tall. How many meters of steel do they need to build? |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 5.Solve: | 5.Solve: | 5.Solve: | 5.Solve: |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 6.Solve: | 6.Solve: | 6.Solve: | 6.Solve: |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 7. Solve for x: | 7.What is this algebraic property: (a+b)+c=a+(b+c) | 7.Solve: | 7.Is 36 a possible solution? |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 8. Solve for a: | 8. What is this algebraic property: (ab)c = a(bc) | 8.Solve: | 8. Is 2.5 a possible solution? |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 9. Solve for b: | 9. What is this algebraic property: (a)(0) = 0 = (0)(a) | 9.Solve: | 9. Is 11.2 a possible solution? |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 10. Solve for m: | 10. What is this algebraic property: If a=b, then a +c = b+c | 10.Solve: | 10. Is -18 a possible solution? |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 11. Solve for z: | 11. What is this algebraic property: If a=b, then ac=bc | 11.Solve: | 11.What is this algebraic property? -13 + 0 = -13 |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 12. Solve for y: | 12. What is this algebraic property: (2+3)+4=2+(3+4) | 12.Solve: | 12.What is this algebraic property? 3(x+1) = 3x + 3 |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 13. Solve for m: | 13. What is this algebraic property: If a<b and c>0, then ac < bc | 13.Solve: | 13.What is this algebraic property? If ab = 0, then a=0 or b=0 |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 14. Solve for x: | 14. What is this algebraic property: if a>b, and b>c, then a>c | 14.Solve: | 14.What is this algebraic property? If a=b, then b=a |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 15. Solve for t: | 15. What is this algebraic property: 3 + (-3) = 0 | 15.Solve: | 15.Solve for n: |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |

**My Work**

**Answer Key**