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

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

|  |  |  |  |
| --- | --- | --- | --- |
| **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 1.0 m.**  Data: 1.15m, 1.10m, 1.12m | 3.Describe in terms of accuracy and precision (high, low):  **Object is 32g.**  Data: 40g, 55g, 32g, 50g | 3.Describe in terms of accuracy and precision (high, low):  **Object is 0.31g/cm3**  Data: 0.30, 0.32, 0.31, 0.31 | 3.Describe in terms of accuracy and precision (high, low):  **Object is 30ºC**  Data: 30.6, 30.9, 30.7, 30.8 |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 4.How many miles will a person run during a 10km race? | 4. A family pool holds 10,000 gal of water. How many cubic meters is it? | 4. The moon is 250,000 miles from Earth. How many meters is that? | 4. A condor has a wing span of 3.05 m. What is this in feet? |
| **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.Is the following number a solution of the equation? 6 | 7.Solve: | 7.Solve: | 7.Solve: |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 8. Is the following number a solution of the equation? 14 | 8. Solve: | 8.Solve: | 8.Solve: |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 9. Is the following number a solution of the equation? -9 | 9.Solve: | 9.Solve: | 9.Solve: |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 10. Is the following number a solution of the equation? | 10. Solve: | 10.Solve: | 10.Solve: |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 11. Is the following number a solution of the equation? -10 | 11.Solve: | 11.Solve: | 11.Solve for x: |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 12. Is the following number a solution of the equation? 36 | 12.Solve: | 12.Solve: | 12.Solve for r: |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 13. Is the following number a solution of the equation? 10 | 13.Solve: | 13.Solve: | 13.Solve for h: |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 14. Is the following number a solution of the equation? -2 | 14.Solve: | 14.Solve: | 14.Solve for w: |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 15. Is the following number a solution of the equation? 4 | 15.Solve: | 15.Solve: | 15.Solve for n: |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |

**My Work**

**Answer Key**

|  |  |  |  |
| --- | --- | --- | --- |
| **Monday** | **Tuesday** | **Wednesday** | **Thursday** |
| 1. Answer: | 1. Answer: | 1. Answer: | 1. Answer: |
| 2. Answer: | 2.Answer: | 2.Answer: | 2.Answer: |
| 3.Answer:  Low accuracy, Low precision | 3.Answer:  Low accuracy, Low precision | 3.Answer:  High accuracy, high precision | 3.Answer:  High accuracy, high precision |
| 4.Answer:  6.214 miles | 4.Answer:  37.85 cubic meters | 4.Answer:  402,336,000 meters | 4.Answer:  10.00656 feet |
| 5.Answer:  x=8 | 5.Answer:  x= - 42 | 5.Answer:  x=2 | 5.Answer:  x= - 5 |
| 6.Answer:  x= 6 | 6.Answer:  x= - 40 | 6.Answer:  x = | 6.Answer:  x = 10 |
| 7.Answer:  x = 26 | 7.Answer:  x = - 7 | 7.Answer:  x = 0 | 7.Answer:  x = |
| 8.Answer: Yes | 8.Answer:  x = 4 | 8.Answer:  x= | 8.Answer:  x = |
| 9.Answer: Yes | 9.Answer:  x = 36 | 9.Answer:  x = 1 | 9.Answer:  x = - 6 |
| 10.Answer: No | 10.Answer:  x = 0 | 10.Answer:  x = 3 | 10.Answer:  x = 2 |
| 11.Answer: No | 11.Answer:  x = 4 | 11.Answer:  x = 6 | 11.Answer: |
| 12.Answer: Yes | 12.Answer:  x = 15 | 12.Answer: | 12.Answer: |
| 13.Answer: Yes | 13.Answer:  x = | 13.Answer:  x = 8 | 13.Answer: |
| 14.Answer: No | 14.Answer:  x= | 14.Answer:  x = - 1 | 14.Answer: |
| 15.Answer: Yes | 15.Answer:  x = -6 | 15.Answer:  x = 3 | 15.Answer: |