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:  |