Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Algebra 1 HW – Unit 2:3

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Monday** | **Tuesday** | **Wednesday** | **Thursday** |
| 1.Simplify: $√145$ | 1. Simplify: $√987$ | 1. Simplify: $$-3\sqrt{8}+\left(-10√12\right)$$ | 1.Simplify: $$2\sqrt{84}+\sqrt{2}-12√92$$ |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 2.Simplify: $$\left(87x^{2}+11\right)-(-3x^{2}-9)$$ | 2.Simplify: $$m(2x+2m)$$ | 2.Simplify: $$(y+1)(4x^{2}+7y)$$ | 2.Simplify: $\left(2n^{2}+n\right)-(2n^{3}-n^{2}-8)$ |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 3.Describe in terms of accuracy and precision (high, low):**Object is 3.5m**Data: 3.4m, 3.4m, 3.21m | 3.Describe in terms of accuracy and precision (high, low):**Object is 912g.**Data: 900g, 915g, 905g | 3.Describe in terms of accuracy and precision (high, low):**Object is 5.3 g/cm3**Data: 5.03, 5.02, 5.01 | 3.Describe in terms of accuracy and precision (high, low):**Object is 53ºC**Data: 53, 52, 54 |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 4. Solve: $-132x+3x=14$ | 4. Solve: $\frac{1}{3}x+9>-30$ | 4. Solve: $-3(x+2)\leq 19$ | 4. Solve in terms of x:$$ax+zy=-t$$ |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| **Complete the following problems from your textbook (launchpad.fultonschools.org, McGraw Hill icon) using the back of this paper, notebook paper, or graphing paper to complete the graphs.** |
| 5. Page 159, #1 | 5. Page 160, #36 | 5. Page 161, #50 | 5. Page 166, #1 |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 6. Page 159, #2 | 6. Page 160, #37 | 6. Page 161, #51 | 6. Page 166, #2 |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 7. Page 159, #3 | 7. Page 160, #38 | 7. Page 161, #52 | 7. Page 166, #3 |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 8. Page 159, #4 | 8. Page 160, #39 | 8. Page 161, #53 | 8. Page 166, #4 |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 9. Page 159, #5 | 9. Page 160, #40 | 9. Page 161, #54 | 9. Page 166, #5 |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 10. Page 159, #6 | 10. Page 160, #41 | 10. Page 161, #55 | 10. Page 166, #10 |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 11. Page 159, #7 | 11. Page 160, #43 | 11. Page 161, #56 | 11. Page 166, #13 |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 12. Page 159, #8 | 12. Page 160, #44 | 12. Page 161, #57 | 12. Page 166, #17 |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 13. Page 159, #9 | 13. Page 160, #45 | 13. Page 161, #58 | 13. Page 166, #19 |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 14. Page 159, #10 | 14. Page 160, #46 | 14. Page 161, #61 | 14. Page 166, #24 |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |
| 15. Page 159, #12 | 15. Page 160, #47 | 15. Page 161, #62 | 15. Page 166, #36 |
| **Answer:** | **Answer:** | **Answer:** | **Answer:** |

**My Work**

**Answer Key**