

Name \_\_\_\_\_ Row \_\_\_\_\_ Period \_\_\_\_\_

# Algebra 2: Chapter One

| Every<br>Other<br>Odds | Due Date | Assignments                               | Points              |
|------------------------|----------|---|---------------------|
| 1                      |          | 1. 1-1 Sets of Numbers                    | <i>CFA Alert!!!</i> |
| 5                      |          | 2. 1-1 Practice B #1-8                    |                     |
| 9                      |          | 3. 1-1 p.10 #1-37 E.O.O.                  |                     |
| 13                     |          | 4. 1-2 Properties of Real Numbers         | <i>CFA Alert!!!</i> |
| 17                     |          | 5. 1-2 Practice B #1-14                   |                     |
| 21                     |          | 6. 1-2 p.17 #1-33 E.O.O.                  |                     |
| 25                     |          | 7. 1-3 Square Roots                       |                     |
| 29                     |          | 8. 1-3 Practice B #1-16                   |                     |
| 33                     |          | 9. 1-3 p.24 #1-53 E.O.O.                  |                     |
| 37                     |          | 10. 1-4 Simplifying Algebraic Expressions |                     |
| 41                     |          | 11. 1-4 Practice B #1-10                  |                     |
| 45                     |          | 12. 1-4 p.30 #1-25 E.O.O.                 |                     |
| 49                     |          | 13. 1-5 Properties of Exponents           |                     |
| 53                     |          | 14. 1-5 Practice B #1-15                  |                     |
| 57                     |          | 15. 1-5 p. 38 #1-53 E.O.O.                |                     |
| 61                     |          | 16. 1-1~1-5 p.43 #1-22 all                |                     |
| 65                     |          | 17. 1-6 Relations and Functions           |                     |
| 69                     |          | 18. 1-6 Practice B #1-8                   |                     |
| 73                     |          | 19. 1-6 p.47 #1-37 E.O.O.                 |                     |
| 77                     |          | 20. 1-7 Function Notation                 |                     |
| 81                     |          | 21. 1-7 Practice B #1-8                   |                     |
| 85                     |          | 22. 1-7 p.54 #1-29 E.O.O.                 |                     |
| 89                     |          | 23. 1-8 Exploring Transformations         |                     |
| 93                     |          | 24. 1-8 Practice B #1-8                   |                     |
| 97                     |          | 25. 1-8 p.63 #1-33 E.O.O.                 |                     |
| 101                    |          | 26. 1-9 Introduction to Parent Functions  |                     |
| 105                    |          | 27. 1-9 Practice B #1-7                   |                     |
| 109                    |          | 28. 1-9 p.70 #1-25 E.O.O.                 |                     |
| .                      |          | 29. 1-6~1-9 p.75 #1-13 all                |                     |
| .                      |          | 30. Chapter 1 Review p.76 #1-55 odds      |                     |
| .                      |          |   |                     |
| .                      |          |   |                     |
| .                      |          |   |                     |
|                        |          |   | Total               |

Parent/Guardian Signature \_\_\_\_\_ Date \_\_\_\_\_

Name \_\_\_\_\_ Group/Row \_\_\_\_\_ Period \_\_\_\_\_

# Algebra 2: Chapter Two

| Due Date | Assignments   | Points |
|----------|---|--------|
|          | 2-1 Solving Linear Equations and Inequalities<br>1. 2-1 Exploration #1-6<br>2. 2-1 Practice C #1-6<br>3. 2-1 Practice B #1-11<br>4. 2-1 p.94 #21,24,30,32,38,40,44  |        |
|          | 2-2 Proportional Reasoning<br>5. 2-2 Exploration #1-6<br>6. 2-2 Practice C #1-12<br>7. 2-2 Practice B #1-10<br>8. 2-2 p.100 #14,18-21,30,38,40  |        |
|          | 2-3 Graphing Linear Functions<br>9. 2-3 Exploration #1-6<br>10. 2-3 Practice C #1-3<br>11. 2-3 Practice B #1-13<br>12. 2-3 p.109 #22,24,28,34,38,40,58  |        |
|          | 2-4 Writing Linear Functions<br>13. 2-4 Exploration #1-7<br>14. 2-4 Practice C #1-10<br>15. 2-4 Practice B #1-10<br>16. 2-4 p.120 #14,16,18-20,30,36  |        |
|          | 2-5 Linear Inequalities in Two Variables<br>17. 2-5 Exploration #1-7<br>18. 2-5 Practice C #1-5<br>19. 2-5 Practice B #1-5<br>20. 2-5 p. 128 #16,18,20,22,34  |        |
|          | 2-6 Transforming Linear Functions<br>21. 2-6 Exploration #1-6<br>22. 2-6 Practice C #1-5<br>23. 2-6 Practice B #1-8<br>24. 2-6 p.138 #8,12,14,15,22   |        |
|          | 2-8 Solving Absolute-Value Eqns and Ineq. } <span style="color: red; font-weight: bold;">CFA!!!</span><br>25. 2-8 Exploration #1-5<br>26. 2-8 Practice C #1-10<br>27. 2-8 Practice B #1-13<br>28. 2-8 p.154 #14,18,22,26,43 |        |
|          | 2-9 Absolute-Value Functions<br>29. 2-9 Exploration #1-7<br>30. 2-9 Practice C #1-10<br>31. 2-9 Practice B #1-8<br>32. 2-9 p.161 #10,14,16,20,22  |        |
|          | 33. Chapter 2 Review p.166 #1-57 odds   |        |
|          |   | Total  |

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# Algebra 2: Chapter Three

| Every<br>Other<br>Odds | Due Date | Assignments  | Points   |
|------------------------|----------|--|----------|
| 1                      |          | <u>3-1 Using Graphs and Tables to Solve Linear Systems</u> | } CFA!!! |
| 5                      |          | 1. 3-1 Practice C #1-5                                     |          |
| 9                      |          | 2. 3-1 Practice B #1-11                                    |          |
| 13                     |          | 3. 3-1 p.186 #18,20,26,27,34,38                            |          |
| 17                     |          | <u>3-2 Using Algebraic Methods to Solve Linear Systems</u> | } CFA!!! |
| 21                     |          | 4. 3-2 Practice C #1-11                                    |          |
| 25                     |          | 5. 3-2 Practice B #1-13                                    |          |
| 29                     |          | 6. 3-2 p.194 #18,20,26,27,28,36                            |          |
| 33                     |          | <u>3-3 Solving Systems of Linear Inequalities</u>          |          |
| 37                     |          | 7. 3-3 Practice C #1-4                                     |          |
| 41                     |          | 8. 3-3 Practice B #1-5                                     |          |
| 45                     |          | 9. 3-3 p.202 #14,18,20,22,30                               |          |
| 49                     |          | <u>3-6 Solving Linear Systems in Three Variables</u>       |          |
| 53                     |          | 10. 3-6 Practice C #1-6                                    |          |
| 57                     |          | 11. 3-6 Practice B #1-9                                    |          |
| 61                     |          | 12. 3-6 p.224 #8,11,14,16,20                               |          |
| 65                     |          | 13. Chapter 3 Review p.232 #1-27, 48-51 odds               |          |
| 69                     |          | 14. Chapter 3 Test p.236 #1-12,17-20                       |          |
| 73                     |          |  |          |
| 77                     |          |  |          |
| 81                     |          |  |          |
| 85                     |          |  |          |
| 89                     |          |  |          |
| 93                     |          |  |          |
| 97                     |          |  |          |
| 101                    |          |  |          |
| 105                    |          |  |          |
| 109                    |          |  |          |
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# Algebra 2: Chapter Four

| Every<br>Other<br>Odds           | Due Date | Assignments   | Points   |
|----------------------------------|----------|---|----------|
| 1<br>5<br>9                      |          | <u>4-1 Matrices and Data</u><br>1. 4-1 Practice C #1-11<br>2. 4-1 Practice B #1-12<br>3. 4-1 p.250 #12,14,17,20,23                      |          |
| 13<br>17<br>21<br>25<br>29<br>33 |          | <u>4-2 Multiplying Matrices</u><br>4. 4-2 Practice C #1-10<br>5. 4-2 Practice B #1-8<br>6. 4-2 p.257 #20,26,30,38,50                    |          |
| 37<br>41<br>45<br>49<br>53<br>57 |          | <u>4-4 Determinants and Cramer's Rule</u><br>7. 4-4 Practice C #1-13<br>8. 4-4 Practice B #1-13<br>9. 4-4 p.274 #14,18,24,25,28         | } CFA!!! |
| 61<br>65<br>69<br>73<br>77       |          | <u>4-5 Matrix Inverses and Solving Systems</u><br>10. 4-5 Practice C #1-10<br>11. 4-5 Practice B #1-14<br>12. 4-5 p.282 #14,18,22,25,26 |          |
| 81<br>85<br>89<br>93<br>97       |          | 13. Chapter 4 Revp.298 #1-17, 23-43 odds (Skip 41)<br>14. Chapter 3 Test p.302 #1-10,14-16,18-22,24-27                                  |          |
| 101<br>105<br>109<br>.<br>.<br>. |          |   | Total    |

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# Algebra 2: Chapter Five

| Due Date | Assignments   | Points |
|----------|---|--------|
|          | <u>5-1 Using Transformations to Graph Quadratic Functions</u><br>1. 5-1 Practice C #1-8<br>2. 5-1 Practice B #1-6<br>3. 5-1 p.320 #18,20,28,30,31,40  |        |
|          | <u>5-2 Properties of Quadratic Functions in Standard Form</u><br>4. 5-2 Practice C #1-8<br>5. 5-2 Practice B #1-6<br>6. 5-2 p.328 #12,16,24,30,31 <span style="font-size: 2em; vertical-align: middle;">}</span> CFA!!! |        |
|          | <u>5-3 Solving Quadratic Equations by Graphing and Factoring</u><br>7. 5-3 Practice C #1-10<br>8. 5-3 Practice B #1-10<br>9. 5-3 p.338 #18,22,27,28,34,46   |        |
|          | <u>5-4 Completing the Square</u><br>10. 5-4 Practice C #1-13<br>11. 5-4 Practice B #1-13<br>12. 5-4 p.345 #20,24,26,32,40,64  |        |
|          | <u>5-5 Complex Numbers and Roots</u><br>13. 5-5 Practice C #1-13<br>14. 5-5 Practice B #1-15<br>15. 5-5 p.353 #18,22,26,28,34,36 <span style="font-size: 2em; vertical-align: middle;">}</span> CFA!!!                  |        |
|          | <u>5-6 The Quadratic Formula</u><br>16. 5-6 Practice C #1-12<br>17. 5-6 Practice B #1-10<br>18. 5-6 p.361 #18,24,30,36,44   |        |
|          | <u>5-7 Solving Quadratic Inequalities</u><br>19. 5-7 Practice C #1-8<br>20. 5-7 Practice B #1-9<br>21. 5-7 p.370 #12,20,24,27,34  |        |
|          | <u>5-8 Curve Fitting with Quadratic Models</u><br>22. 5-8 Practice C #1-8<br>23. 5-8 Practice B #1-7<br>24. 5-8 p.370 #12,16,19,22,26   |        |
|          | <u>5-9 Operations with Complex Numbers</u><br>25. 5-9 Practice C #1-15<br>26. 5-9 Practice B #1-18<br>27. 5-9 p.386 #38,40,46,52,56,62,64,84 <span style="font-size: 2em; vertical-align: middle;">}</span> CFA!!!      |        |
|          | 28. Chapter 5 Review p.392 # 1-95 odds  |        |
|          |   |        |
|          |   | Total  |

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# Algebra 2: Chapter Six

| Every<br>Other<br>Odds | Due Date | Assignments                                      | Points   |
|------------------------|----------|--|----------|
| 1                      |          | 6-1 Polynomials                                  |          |
| 5                      |          | 1. 6-1 Practice C #1-9                           |          |
| 9                      |          | 2. 6-1 Practice B #1-12                          |          |
| 13                     |          | 3. 6-1 p.410 #20,24,30,31,32,41                  |          |
| 17                     |          | 6-2 Multiplying Polynomials                      |          |
| 21                     |          | 4. 6-2 Practice C #1-13                          | } CFA!!! |
| 25                     |          | 5. 6-2 Practice B #1-13                          |          |
| 29                     |          | 6. 6-2 p.418 #20,24,26,30,32                     |          |
| 33                     |          | 6-3 Dividing Polynomials                         |          |
| 37                     |          | 7. 6-3 Practice C #1-11                          | } CFA!!! |
| 41                     |          | 8. 6-3 Practice B #1-11                          |          |
| 45                     |          | 9. 6-3 p.426 #16,20,22,28,29                     |          |
| 49                     |          | 6-4 Factoring Polynomials                        |          |
| 53                     |          | 10. 6-4 Practice C #1-11                         |          |
| 57                     |          | 11. 6-4 Practice B #1-11                         |          |
| 61                     |          | 12. 6-4 p.433 #18,20,26,28,32                    |          |
| 65                     |          | 6-5 Finding Real Roots of Polynomial Equations   |          |
| 69                     |          | 13. 6-5 Practice C #1-9                          | } CFA!!! |
| 73                     |          | 14. 6-5 Practice B #1-9                          |          |
| 77                     |          | 15. 6-5 p.442 #20,22,23,24,28                    |          |
| 81                     |          | 6-6 Fundamental Theorem of Algebra               |          |
| 85                     |          | 16. 6-6 Practice C #1-9                          | } CFA!!! |
| 89                     |          | 17. 6-6 Practice B #1-9                          |          |
| 93                     |          | 18. 6-6 p.449 #12,14,20,23,52                    |          |
| 97                     |          | 6-7 Investigating Graphs of Polynomial Functions |          |
| 101                    |          | 19. 6-7 Practice C #1-9                          |          |
| 105                    |          | 20. 6-7 Practice B #1-9                          |          |
| 109                    |          | 21. 6-7 p.457 #18,20,26,28,31,38                 |          |
| .                      |          | 6-8 Transforming Polynomial Functions            |          |
| .                      |          | 22. 6-8 Practice C #1-6                          |          |
| .                      |          | 23. 6-8 Practice B #1-10                         |          |
|                        |          | 24. 6-8 p.463 #14,18,20,22,25                    |          |
|                        |          | 25. Chapter 6 Review p.474 #5-63 odds            |          |
|                        |          |  |          |
|                        |          |  | Total    |