Alg2CP ASSIGNMENT SHEET HRONEK Unit 3: Quadratics and Complex Numbers

See syllabus for late work policy. All assignments must include assignment title, name, and date. Solutions to homework are posted on the classroom website and the Big Ideas website. Most odd textbook answers are in the back of the book.

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|  | Day | Date | Section | Topic/Activity | Homework |
| 27 | F | 27-Sept | Test | Half-Test, 50 points |  |
|  |  |  |  |  |  |
| 28 | T | 1-Oct | R/4.4 | Factoring Review – GCF, Grouping, Sum/Diff of Cubes | Pg 184 #5-29 odd |
| 29 | W | 2-Oct | R/4.4 | Factoring Review - Quadratic Form (including dif of squares) | Pg 184 #1-3, 31-38 |
| 30 | Th | 3-Oct | R/3.4 | Solving Quadratic Equations with the Quadratic Formula – SJ Pg 61/62 | Pg 127 #5-17 odd |
| 31 | F | 4-Oct | R/3.1 | Solving Quadratic Equations- Factoring and Square Root Property | Pg 99 #13, 15, 17, 21, 35-45 odd, 55 |
|  |  |  |  |  |  |
| 32 | M | 7-Oct | 3.1 | Quadratic Applications | Pg 101 #61, 65, 66, 67, 70, 74, 76-83 (Review of quad apps and adding/mult poly) |
| 33 | T | 8-Oct | 3.1 | 3.1 Enrichment and Extension  | 3.1 Enrichment and Extension |
|  |  | 9-Oct |  | School Holiday | None |
| 34 | Th | 10-Oct | 3.2 | Complex Numbers- definition, adding and subtracting | Pg 108 # 1-4, 5-19 odd, 23-29 odd, 68 |
| 35 | F | 11-Oct | 3.2 | Complex Numbers- multiplying, solving | Pg 108 # 37-43 odd, 49-61 odd, 66 |
|  |  |  |  |  |  |
| 36 | M | 14-Oct | 3.3 | Completing the Square- SRP, PSTs, Finding c, CtS when a=1 | Pg 116 #1, 2, 3-23 odd, 25-28 |
| 37 | T | 15-Oct | 3.3 | CTS when a not=1 | Pg 116 #31, 32, 35, 36 |
| 38 | W | 16-Oct | PSAT | PSAT | None |
| 39 | Th | 17-Oct | Quiz | Quiz 3A (Sec 3.2; CTS) | Pg 108 #6, 12, 14, 16, 20, 24, 28, 30, 38, 40, 44, 50-62 even |
| 40 | F | 18-Oct | 3.5 | Changing from Standard form to Vertex Form | Pg 117 #55-62 |
|  |  |  |  |  |  |
| 41 | M | 21-Oct | 3.5 | Lesson: Solving Nonlinear Systems Graphically | Pg 136 #3-9 odd (use GC); 11-14; 58 |
| 42 | T | 22-Oct | 3.5 | More Practice with Solving Nonlinear Systems Graphically | Pg 136 #4-10 even, 26, 37-40 (use GC) |
| 43 | W | 23-Oct | Rev | Review for test - ask today! | Begin Can You |
| 44 | TH | 24-Oct | Rev | Review for test | Finish Can You |
| 45 | F | 25-Oct | Test | Test Unit Three Complex Numbers | None |

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Homework Stamp Sheet

Remember:

* Assignment must be completed and out on your desk at the beginning of the period. **If the assignment is not out when I pass your desk, you will not receive a stamp.** You can still turn in your homework late. See syllabus for late work policy.
* Work must be neat, legible, complete (work must be shown, figures and drawings included)
* Name, period, and assignment must be displayed on the page.
* Each homework assignment is worth 2 points unless otherwise specified.

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| Day 28 / Pg 184 #5 | Day 29 / Pg 184 #1 | Day 30 / Pg 127 #5 |
| Day 31 / Pg 99 #13 | Day 32 / Pg 101 #61 | Day 33 / 3.1 Enrichment |
| Day 34 / Pg 108 #1 | Day 35 / Pg 108 #37 | Day 36 / Pg 116 #1 |
| Day 37 / Pg 116 #31 | Day 39 / Pg 108 #6 | Day 40 / Pg 117 #55 |
| Day 41 / Pg 135 #3 | Day 42 / Pg 136 #4 | Day 43 & 44 / Can You |
|  |  | Total: /32 |
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* This sheet will be collected on test day.