Alg2CP ASSIGNMENT SHEET – Hronek

Unit 1: Transformations of Absolute Value and Quadratic Functions

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 |
| 1 | W | 21-Aug |  | Class Intro | Pg 3 #1-3  Go to whshronek.weebly.com  Print out syllabus |
| 2 | Th | 22-Aug | MMP | Review of Transformations from Geometry | Pg 1 #1-9; Review Pg 18 #46-49 (Evaluating Functions); Review Pg 54 #50-52 (Lines of Symmetry) |
| 3 | F | 23-Aug | 1.1 | Identifying Function Families; Domain and Range with interval notation | Pg 8 #1-4 (for #3-4, also identify AOS and D&R), 8, 37, 38; Review Pg 10 #55-62 (ordered pair solutions and intercepts) |
| 4 | M | 26-Aug | 1.1 | Transformations Using a Graphing Calculator | Pg 11 #1 to 5; SJ Pg 30 #1-4 |
| 5 | T | 27-Aug | 1.2/2.1 Quiz | Graphing and writing equations of absolute value and quadratic functions- vertical and horizontal translations; **Quiz** | WS 1; Pg 8 #11-14, 36, 39, 40 |
| 6 | W | 28-Aug | 1.2/2.1 | Graphing and writing equations of absolute value and quadratic functions: reflections | WS 2 |
| 7 | Th | 29-Aug | 1.2/2.1 | Graphing and writing equations of absolute value and quadratic functions-vertical stretches and shrinks | WS 3 |
| 8 | F | 30-Aug | 1.2/2.1 | Multiple Transformations at Once | WS 4 #1-6 |
|  | M | 2-Sep |  | No School | No School |
| 9 | T | 3-Sep | 1.2/2.1 | Multiple Transformations at Once | WS 4 #7-12 |
| 10 | W | 4-Sep | Rev | 2.1 Exploration / Review for Quiz | 2.1 Exploration in Student Journal  Pgs 24/25/28; Study for Quiz |
| 11 | Th | 5-Sep | Quiz | **Quiz** | Homework Catch Up Day |
| 12 | F | 6-Sep | 1.2/2.1 | Transformations of Non-Parent Absolute Value and Quadratic Functions | Pg 16 #7, 8, 19-21, 31, 32, 37-40 |
| 13 | M | 9-Sep | 2.2 | More Characteristics of Graphs of Quadratic Functions: End Behavior, Increasing and Decreasing, intercepts, domain and range (review), min and max | Return to WS 4 #1 and 2: describe the end behavior, intervals of increasing and decreasing, intercepts, and min/max |
| 14 | T | 10-Sep | 2.2 | More on Characteristics continued | WS 5 |
| 15 | W | 11-Sep | Rev | Review | Begin You Can #1-19/Review |
| 16 | Th | 12-Sep | Rev | Review | Finish You Can #20-30/Review |
| 17 | F | 13-Sep | Test | **Test Unit 1** | None |

AOS: Axis of Symmetry D & R: Domain and Range SJ: Student Journal

MMP: Maintaining Mathematical Proficiency

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.
* This sheet will be collected on test day.

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| Day 1 / Pg 3 & Syllabus | Day 2 / Pg 18 & 54 | Day 3 / Pg 8 & 10 |
| Day 4 / Pg 11 & SJ Pg 30 | Day 5 / WS 1 & Pg 8 | Day 6 / WS 2 |
| Day 7 / WS 3 | Day 8 / WS4 | Day 9 / WS 4 |
| Day 10 / SJ 2.1 Explore | Day 12 / Pg 16 | Day 13 / Return to WS4 |
| Day 14 / WS 5 | Day 15 & 16 / Can You | Total:  /32 |