Alg2CP ASSIGNMENT SHEET Unit 4: Polynomials

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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| 46 | M | 28 Oct | Identification and Evaluating Polynomials | 4.1 | Student Journal Page 76  Pg 162 #3-15 odd |
| 47 | T | 29-Oct | Polynomial Operations | 4.2 | Pg 170 #5, 7, 11, 13, 19, 23, 29, 31 |
|  | W | 30-Oct | Fire Day |  | None |
|  | Th | 31-Oct | Fire Day |  | None |
|  | F | 1-Nov | Student Free Day |  | None |
|  |  |  |  |  |  |
| 48 | M | 4-Nov | Dividing Polynomials: Long Division | 4.3A | Pg 177 #5-10, 19-22 |
| 49 | T | 5-Nov | Dividing Polynomials: Synthetic Division | 4.3B | Pg 177 #11-18, 25-31 odd, 37 |
| 50 | W | 6-Nov | Graphs of Polynomial Functions - End behavior, leading coefficient, increasing/decreasing, zeroes | 4.1, 4.4 | Pg 162-163 #21, 22, 33-39, 48 Pg 185 #51-54 |
| 51 | Th | 7-Nov | Graphing Polynomials - Function Table Graphing | 4.1 | Pg 163 #25-32 |
| 52 | F | 8-Nov | Graphing Polynomials - Using x-intercepts, turning points, even/odd | 4.8 | Pg 216 #3-6, 7-15 odd, 31-45 odd |
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|  | M | 11-Nov | Veteran’s Day |  |  |
| 53 | T | 12-Nov | Review Day | Rev | Practice Quiz |
| 54 | W | 13-Nov | **Quiz 4a**: Polynomial Operations including division and Graphing Polynomials | Quiz | Red Vine Problem #1 to 3 |
| 55  56 | Th | 14-Nov | The Remainder and Factor Theorems | 4.4 | Student Journal Pages 91 to 94  Pg 184 #39-49 |
| 57 | F | 15-Nov | Solving Polynomial Equations and Rational Root Theorem | 4.5 | Pg 194 #3, 5, 13, 17, 19, 25, 27, 31, 35, 37 |
|  |  |  |  |  |  |
| 58 | M | 18-Nov | Fundamental Theorem of Algebra | 4.6 | Pg 202 #3-15 odd, 17-20 |
| 59 | T | 19-Nov | Unit 5 Review/You Can | Rev | You Can Problems |
| 60 | W | 20-Nov | Unit 5 Review/Practice Test | Rev | Practice Test |
| 61 | Th | 21-Nov | **Test Part I No Calculator** | Test |  |
| 62 | F | 22-Nov | **Test Part II With Calculator** | Test |  |

Homework Stamp Sheet Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_

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

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| Day 46 SJ Pg 76 / Pg 162 #3 | Day 47 Pg 170 #5 | Day 48 Pg 177 #5 |
| Day 49 Pg 177 #11 | Day 50 Pg 162 #21 / Pg 185 #51 | Day 51 Pg 163 #25 |
| Day 52 Pg 216 #3 | Day 53 Practice Quiz | Day 54 Red Vine |
| Day 55 SJ Pg 91 to 94 | Day 56 Pg 184 #39 | Day 57 Pg 194 #3 |
| Day 58 Pg 202 #3 | Day 59 & 60 You Can | Total: /30 |