College Prep Quarter 2 Syllabus

| Date | Section | Topic | Assignment (Exercises) |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Review | Review |  |  |
| $\begin{aligned} & 10 / 20, \\ & 10 / 21 \end{aligned}$ | 5.1 | Exponent Properties | HW 5.1 | $\begin{aligned} & \text { p. 182: } 1,5,7,9,13,15,17,21,23,25,31,35,37, \\ & 39 \end{aligned}$ |
| $\begin{aligned} & \hline 10 / 22, \\ & 10 / 23 \end{aligned}$ | 5.2 | Negative Exponents | HW 5.2 | p. 187: 1, 3, 5, 7, 13, 17, 21, 25, 29, 35 |
| $\begin{aligned} & 10 / 26, \\ & 10 / 27 \end{aligned}$ | 5.4 | Introduction to Polynomials | HW 5.4 | p. 195: 1, 3, 5, 7, 11, 12, 13, 14, 19, 23, 29, 30, 39, |
| $\begin{aligned} & 10 / 28, \\ & 10 / 29 \end{aligned}$ | $\begin{aligned} & 5.5 \\ & 5.6 \\ & \hline \end{aligned}$ | Multiplying Polynomials Multiplying Special Products | HW 5.5 HW 5.6 | $\begin{aligned} & \text { p. 200: } 3,5,7,13,15,23,25,27 \\ & \text { p. 204: } 1,5,11,17,23,27 \end{aligned}$ |
| $\begin{aligned} & \text { 10/30, } \\ & 10 / 31 \end{aligned}$ | $\begin{aligned} & 6.1 \\ & 6.2 \\ & \hline \end{aligned}$ | Factoring with GCF's Factoring by Grouping | HW 6.1 HW 6.2 | $\begin{aligned} & \text { p. } 215: 1,3,7,13,19,25 \\ & \text { p. } 220: 1,3,5,7,9,11,13,19 \end{aligned}$ |
| $\begin{aligned} & 11 / 3, \\ & 11 / 4 \end{aligned}$ | $\begin{aligned} & 6.3 \\ & 6.4 \\ & 6.5 \\ & \hline \end{aligned}$ | Factoring Trinomials where $\mathrm{a}=1$ <br> Factoring Trinomials where a>1 <br> Factoring Difference of Squares | $\begin{aligned} & \text { HW } 6.3 \\ & \text { HW } 6.4 \\ & \text { HW } 6.5 \end{aligned}$ | p. 225: $1,3,5,9,15$ p. $228: 3,7,11,13,15$ p. $233: 1,7,9,15,19$ |
| $\begin{aligned} & \hline 11 / 5, \\ & 11 / 6 \end{aligned}$ | 5.1-6.5 | Test 3 Review | Rev 3 |  |
| $\begin{aligned} & \hline 11 / 9, \\ & 11 / 10 \end{aligned}$ | 5.1-6.5 | Test 3 | Test 3 |  |
| $\begin{aligned} & \hline 11 / 11, \\ & 11 / 12 \end{aligned}$ | $\begin{aligned} & \hline 8.1 \\ & 8.2 \\ & \hline \end{aligned}$ | Simplifying Square Roots Simplifying Higher Roots | HW 8.1 HW 8.2 | $\begin{aligned} & \text { p. 291: 1, 7, 11, 17, 23, 29, 35, } 39 \\ & \text { p. 294: 1, 5, 7, 15, 27, 33, 39 } \\ & \hline \end{aligned}$ |
| $\begin{aligned} & 11 / 13, \\ & 11 / 16 \end{aligned}$ | 8.3 | Adding Radicals | HW 8.3 | p. 297: $1,3,5,9,11,19,23,25,35,37,39$ |
| $\begin{aligned} & 11 / 17, \\ & 11 / 18 \\ & \hline \end{aligned}$ | 8.4 | Multiplying and Dividing Radicals | HW 8.4 | p. 302: 1, 3, 5, 7, 9, 13, 17, 19, 21, 23, 29, 31, 35, 37 |
| $\begin{aligned} & 11 / 19, \\ & 11 / 20 \end{aligned}$ | 8.5 | Rationalizing Denominators | HW 8.5 | p. 308: $1,3,5,7,9,11,15,19,23,27,31,35$ |
| $\begin{aligned} & 11 / 23 \\ & 11 / 24 \end{aligned}$ | 8.8 | Complex Numbers | HW 8.8 | $\begin{aligned} & \text { p. } 323: 1,5,13,17,23,27,31,35,39,43,45,49 \text {, } \\ & 51,53,55,58 \end{aligned}$ |
| $\begin{aligned} & \hline 11 / 30, \\ & 12 / 1 \end{aligned}$ | $\begin{aligned} & 9.1 \\ & 9.2 \end{aligned}$ | Solving with Radicals Solving with Exponents | $\begin{aligned} & \hline \text { HW } 9.1 \\ & \text { HW } 9.2 \end{aligned}$ |  |
| $\begin{aligned} & 12 / 2, \\ & 12 / 3 \end{aligned}$ | 9.3 | Completing the Square | HW 9.3 |  |
| $\begin{aligned} & 12 / 4, \\ & 12 / 7 \end{aligned}$ | 9.4 | Quadratic Formula | HW 9.4 |  |
| $\begin{aligned} & \hline 12 / 8, \\ & 12 / 9 \end{aligned}$ | 8.1-9.4 | Test 4 Review | Rev 4 |  |
| $\begin{aligned} & \text { 12/10, } \\ & 12 / 11 \\ & \hline \end{aligned}$ | 8.1-9.4 | Test 4 | Test 4 |  |
| $\begin{aligned} & 12 / 14, \\ & 12 / 15 \end{aligned}$ |  | Final Review | Final Review |  |
| $\begin{aligned} & 12 / 16, \\ & 12 / 17 \\ & \hline \end{aligned}$ |  | Final Test | Final Test |  |

The end of the first term is DECEMBER $18^{\text {th }}$. All work that will count on term 2 grades must be turned in no later than DECEMBER $15^{\text {th }}$.

How to do homework: Please remember to write your name, date, and the assignment (including the page number) at the top right of each homework assignment. Number the problem, write the problem, and show your work.

