Algebra 1 CP End of Semester 2 Information

Missing Assignments:

All missing and absent assignments are due NOT LATER THAN Friday June 2. Assignments will not be accepted beyond that day.

Semester 2 Final:

- This final covers all material from Semester 2. However, keep in mind that this course builds on previous skills learned in Semester 1
- The final is worth 200 points. It consists of 50 multiple choice questions, 4 points per question.
- No notes allowed. Non-graphing calculators will be provided
- The final will be taken during finals week (Mon-Wed, June 12-14).
- I have several resources available to students:
    1) Semester 2 Review
    2) Copies of all notes, unit study guides and reviews. Students should have answers to these from class. Questions on the final are very similar to questions on these study guides.

Algebra 1CP S2 Review:

The following problems are from the Extra Practice Section (p730-736) of the textbook. Check all answers in the Student Handbook Answer Appendix in the back of the book. Circle or highlight sections you need to study for the final.

Page/Section	Problem Numbers
Polynomials	
EP 7-1	1-4, 5, 6, 9, 10
EP 7-2	1, 4, 7-10, 12, 16
EP 7-3	1-4, 19
EP 7-4	1, 3, 5, 6
EP 7-5	1, 4, 5, 7, 15, 22
EP 7-6	1, 8, 19, 24
EP 7-7	5, 6
Factoring	
EP 8-2	1, 7, 8, 11, 14, 16, 19, 23
EP 8-3	1, 3, 9, 19, 25
EP 8-4	1, 2, 9, 16, 20
EP 8-5	1, 6, 17, 25
EP 8-6	1, 2, 13-17

Page/Section	Problem Numbers
Quadratic Functions & Equations	
EP 9-1	1, 2, 13, 14
EP 9-2	1, 4, 5, 22
EP 9-3	1, 4, 7, 10, 13, 16
EP 9-4	1, 2, 19, 21, 22
EP 9-5	1, 4, 16
Radicals	
EP 10-1	1, 5, 9, 17, 21
EP 10-2	1, 3, 9, 12, 22, 24, 25, 27
Exponential Functions	
p520	50, 51

Other practice problems:

1. For the following quadratic function, find the vertex, direction of opening, axis of symmetry, y-intercept, and max or min value. The graph the function.

a) $f(x) = -3(x-2)^2 - 4$ b) $f(x) = \frac{1}{4}(x+4)^2 + 3$

2. Convert $y = x^2 + 16x + 71$ to Vertex Form.

3. Convert $y = \frac{1}{3}(x-9)^2 + 7$ to Standard Form.

4. Explain the difference between roots, solutions, x-intercepts, and zeros.