

Algebra II Pre-AP  
Test #2F-19

- Test covers assignments #53 - 58 inclusive.
- All problems on those 6 assignments are fair game for test questions.
- Test consists of 15 problems, some with multiple parts. All together, there are 23 questions to answer.
- Calculators may be used on the entire test.
- Read the problems VERY carefully so that you know whether you are being asked to find a *probability* or *the number of ways* to do something.
- The instructions at the top of the page specify that you MUST work problems as they were done in class. For example, on problems like HW55, problem #7, you MUST use combinations to get credit.
- Numerical answers may be expressed as fractions or decimals. Use the following guidelines for expressing your answers:
  - Fractions should be reduced to lowest terms, e.g. use  $\frac{1}{2}$  instead of  $\frac{24}{48}$ . Your calculator can do this for you.
  - Terminating decimals should not be rounded, e.g., use 0.0125 instead of 0.012 or 0.013.
  - Non-terminating decimal answers should contain at least 3 significant digits (i.e., do not count leading 0's.)
- In order to receive full credit, ALL numerical answers must be accompanied by CALCULATOR-READY FORM. For example, on HW56, problem 10b, calculator-ready form would look like this:  
 $(.7)(.85)(.2) + (.3)(.85)(.8) + (.7)(.15)(.8)$
- Almost all questions closely parallel homework problems. The test is not overly difficult, but there are a lot of questions to answer, and the test is comprehensive. Be especially thorough in your preparation.
- Students who want to do their best will work ALL available B problems AND will also re-work A problems that do not have B problem counterparts.