### Algebra Chapter 12: Probability, Counting Principles, Data Analysis

### Math 613– Ms. Macadino: G Block

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| Assign # when done | Date Due | Section | Reading | Written | Quizzes &Tests |
| 1.  | Weds,Feb 4 | Ch. 11.8 | Factorialsp. 597-601 | p. 615 (#2 – 24 even) |  |
| 2. | ThursFeb 5 | Ch. 12.1 Ch. 12.2 | Intro to Prob. &Vocabularypp.632-635 | 12.1 p. 633 (#1 – 13)12.2 p. 635 (#1, 2) |  |
| 3.  | FriFeb 6 | Ch. 12.3 | Counting Principlespp. 636-638 | p. 639-642 (#1 – 17a, odds)Show your work |  |
|  | TuesFeb 10 |  |  | SNOW DAY |  |
| 4.  | WedsFeb 11 | Ch. 12.4 | Permutationspp. 642-645 | p. 646 (#1,3,6,8,11,13, 21ab)Show your work |  |
| 5. | ThursFeb 12 | Ch. 12.5 | Prob. of variousCombinationspp. 651-657 | p. 658 (1,3,7,11,17, 19, 23, 31) Show your work |  |
| 6. | FriFeb 13 | Review12.1 – 12.5 | Bring & go over written previous formulas | REVIEW SheetsStudy for quiz, Bring calculator | **QUIZ****12.1 – 12.5** |
| 7. |  | Ch. 12.6 | Properties of Probabilitypp. 661-665 | p. 666-8 (#1 – 9) |  |
| 8. |  | Ch. 12.7 | Functions of Random Var.pp. 671-673 | p. 674-6 (#1 – 9) |  |
| 9. |  | Ch. 12.8 | MathematicalExpectationPp681-684 | p. 685-7 (#1 – 9) |  |
| 10. |  | Review | Bring calculator | REVIEW on Permutations, Combinations, Properties of probability, Math expectation**Test on Chapter 12** | **TEST** |

**Remember to head your paper with your name, and the Assignment #, pages, & problems!**

**\*\* I may collect homework at each quiz or quest, so please keep it in a safe place.**

**\*\* CHECK YOUR ANSWERS since most of the problems are odd.**

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| 5. | WedsFeb 11 | Ch. 12.5 | Prob. of variousCombinationspp. 651-657 | p. 658 (1,3,7,11,17, 19, 23)Show your work |  |
| 6. | ThursFeb 12 | Review12.1 – 12.5 | Bring & go over written previous formulas | REVIEW on Permutations and Combinations and class work on problems p. 658-9 (20,22,27,31)Study for quiz, Bring calculator | **QUIZ****12.1 – 12.5** |
| 7. | WedsFeb 25 | Ch. 12.6 | Properties of Probabilitypp. 661-665 | p. 666-8 (#1 – 9) |  |
| 8. | ThursFeb 26 | Ch. 12.7 | Functions of Random Var.pp. 671-673 | p. 674-6 (#1 – 9) |  |
| 9. | FriFeb 27 | Ch. 12.8 | MathematicalExpectationPp681-684 | p. 685-7 (#1 – 9) |  |
| 10. | TuesMarch 3 | Review | Bring calculator | REVIEW on Permutations, Combinations, Properties of probability, Math expectation**Test on Chapter 12** | **TEST** |

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