

4 Math. review for statistics

Math is hard.

Talking Barbie

This list contains the math concepts required to successfully complete this class. It is to your benefit to resolve any deficiencies that you may have in these areas.

1. Arithmetic Concepts.
 - (a) Order of operations.
 - (b) Operations with fractions.
 - (c) Changing fractions to decimals and percents.
 - (d) Roots (Square root, cubic roots).
 - (e) Factorial
2. Algebraic Concepts
 - (a) Working with absolute values.
 - (b) Solving equations (with and without fractions).
3. Coordinate Geometry
 - (a) Graphing a function in a plane
4. Set Theory
 - (a) Venn Diagram
 - (b) Sets, subsets
 - (c) Null Set
 - (d) Union, complement, disjoint and complements
5. Notation and Terminology
 - (a) Inequalities.
 - (b) Intervals
 - (c) Subscripts
 - (d) Summations³
6. Word Problems-applying Statistical concepts to econometric problems.

³a handout on the Summation operator follows