

Math 146 1.2 - Types of Data

During your reading through section 1.2, be sure to write down the following terms and definitions, and give an example:

Types of Data

- Parameter

- Statistic

- Quantitative (or numerical data)

- Categorical (or qualitative data)

- Discrete data

- Continuous

Levels of Measurement

- Ratio

- Interval

- Ordinal

- Nominal

Math 146 1.3 - Collecting Sample Data and Sampling Methods

Definitions

- Experiment
- Observation Study
- Simple Random Sample

Design of Experiments

- Blinding
- Double Blind
- Placebo

Sampling Methods

- Systematic Sampling
- Convenience Sampling
- Stratified Sampling
- Cluster Sampling

Type of Observational Studies

- Cross-sectional study
- Retrospective Study
- Prospective Study