Notebook





STATISTICS

- Mocabulary
 Population and Sample
 Two types of population

Statistics

- gather describe and analysé the data
- Actual numerical descriptions of sample data
- A target population is a particular group of interest.
 - A sample population is a group from which the sample is taken.
 - A sampling Frame is a physical list of all members of the sampled population
- A sample is a subset of the population from which data are collected

everything or everyone being studied. Character of the popul-Population Parameter etion. L) Greek letters: M, o portion of the larger Sample population. Statistics characteristics of the Sample Lo English letters: X,5 Variable characteristic of interest gathered From each item in the sample Actual values of the Data data You want to know the average cost of statistics textbooks: Survey 25 textbuoks. - all statistics texbooks to ulation average cost of all textbols Parameter 25 statistics textbooks Sample average cost of 25 textbooks Statistics - Cost of a statistics textbook Variable - actual cost of the textbook Data

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Vocabulary				
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A baker keeps track of how many free doughnut holes his customers cort. 25 cat 1, 15 eat 2, 7 eat 3, and 3 cat a

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 1 25 $25/50 = .5$.5
 2 $15/50 = .3$.8
 2 $7/50 = .14 .94$
 4 3 $3/50 = .06 .1.50$

what percent ate between 2 and 3 donuts 9

what percent ate more than 39

what percent ate atmost 3%.