Basic Algebra 1.6

Collect and organize data using sampling

Collect and organize data using frequency tables

data

sample

frequency table

tally marks

cumulative frequency table

Sampling Criteria	A good sample is: • representative of the larger population, • selected at random, and • large enough to provide accurate data.

Test scores from last week:

88 75 59 94 99 67
75 87 90 88 75 72
61 87 99 70 71 88
82 81 89 99 83 100
72 79 83 85 59 55

*Organize the data into a
frequency table.*

Test Scores

Test Scores	Tally	F	CF
50 – 59	I I I	3	3
60 – 69	I I	2	5
70 – 79	IIII I III	8	13
80 – 89	IIII IIII	10	23
90 – 99	IIII I	6	29
100 – 109	I	1	30

Student's favorite kind of pizza

pepperoni
sausage
cheese
deluxe
vegetarian
Other

Students' Fav. Pizza

		Count
P	卌 卌 卌 卌	20
S	|||	3
C	卌 卌		11
D			1
V		0
O	卌 卌	10
		45