INTRODUCTION AND DEFINITIONS QUIZ (A)

Name:_____

Date:_____
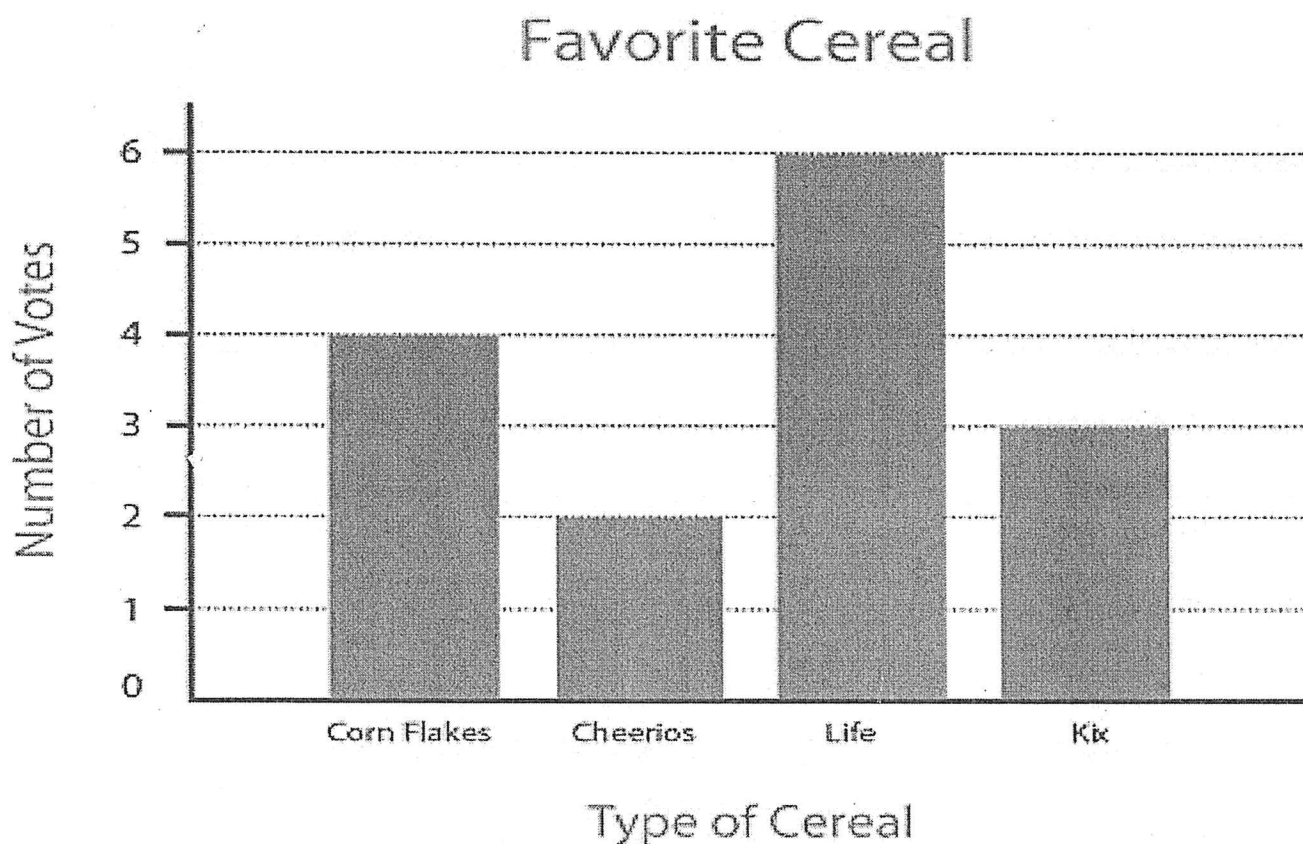
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[4]   1. Give two examples of each:

- Discrete numerical data

- Observational study

[2]   2. How does an experiment differ from an observational study?

[2]   3. What is data?

_____ _____

Give an example that clearly illustrates the difference between numbers and data.

[2]   4. A). How many people voted in the survey for favourite cereal? _____

Favorite Cereal

Number of Votes (y-axis, values 0–6)

	Corn Flakes	Cheerios	Life	Kix
Votes	4	2	6	3

Type of Cereal

B) Does the graph above show categorical or numerical data? _____

[3]   5. Calculate the relative frequency for each age interval. Express it in its lowest term.

Age	Frequency	Relative Frequency
0 - 9	7	☐
10 - 19	5	☐
20 - 29	4	☐
30 - 39	6	☐
40 - 49	1	☐
50 - 59	2	☐