

Another Sampling Experiment

The list below shows a random sample drawn from a population of 100, all people in Littletown, who watched TV show A, B, C, or N (nothing) at 8:00 on a Wednesday night.

N, B, C, A, A, C, B, C, C, N, A, B, N, C, A, N, C, B, A, N

- 1 Record the fraction of the sample that watched each show.

Show A: $\frac{\underline{20}}{\underline{\quad}}$

Show B: _____

Show C: _____

N(none): _____

- 2 Use the experimental results in Problem 1 to predict the fractions of the entire population that watched each show.

Show A: _____

Show B: _____

Show C: _____

N(none): _____



Test Prep

- 3 For which of the following situations would you compute $\frac{3}{4} \times \frac{1}{2}$?

A. A sandwich with $\frac{3}{4}$ lb of ham and $\frac{1}{2}$ lb of swiss cheese

B. You have traveled $\frac{1}{2}$ a mile and the whole trip is $\frac{3}{4}$ of a mile.

C. There is $\frac{3}{4}$ of a pizza on the table and 2 people are sharing it.

D. Ryan has $\frac{3}{4}$ as many marbles as Jake. I have $\frac{1}{2}$ as many marbles as Jake.