

Understanding Random Sampling - Matching Worksheet

Write the letter of the answer that matches the problem.

- ___ 1. Jeffery wants to launch a film Magazine. He wants to know the best place to sell the magazine in the city. He surveyed four city blocks (P,Q,R,S street). He found that youngsters living on street P and R love to read about film stars. He decided to sell the magazine only on street P because the people looked well dressed. What would have given him a better understanding of which part of the city should be chosen?
- ___ 2. George put some red, yellow, and green shirts into a bag. He took out 2 yellow shirts from a bag while looking for them. Is this a random sample of the shirts in the bag?
- ___ 3. William wants to find out where the most people buy burgers. He surveys every third person from street and asks them where they get burgers from? What would have been an improvement in William's experiment?
- ___ 4. Jamie wants to open a vegetarian restaurant. He wants to know in which area he should establish the restaurant. He surveyed and found that there are four choices of location in the city A, B, C, D. He found that middle age people and old people like vegetarian food most. These populations are found mostly in part A and B of the city. He decides to open his restaurant in part B. How could he have improved his choice of location?
- a. Look at the number of successful restaurants in those areas.
- b. No.
- c. Look at sales of magazines in those areas.
- d. Survey all people.

