

Make a stem-and-leaf plot of the data.

1. **Quiz Scores (%)**

96	88	80	72
80	94	92	100
76	80	68	90

2. **CDs Sold Each Day**

45	31	29	38	38
67	40	62	45	60
40	39	60	43	48

3. Display the data in a histogram.

**Television Watched Per Week**

Hours	Frequency
0–9	14
10–19	16
20–29	10
30–39	8

4. Display the data in a circle graph.

Category	Amount Spent (\$)
Clothing	30
Entertainment	10
Food	5
Savings	15

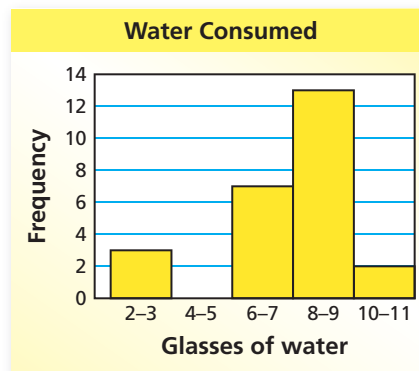
5. Which sample is better for making a prediction? Explain.

**Predict the number of students in your school who play at least one sport.**

Sample A	A random sample of 10 students from the school student roster
Sample B	A random sample of 80 students from the school student roster

6. **WATER** The histogram shows the number of glasses of water that the students in a class drink in one day.

- Which interval contains the fewest data values?
- How many students are in the class?
- Health experts recommend drinking at least 8 glasses of water per day. What percent of the students drink the recommended amount?



7. **FIELD TRIP** Of 60 randomly chosen students surveyed, 16 chose the aquarium as their favorite field trip. There are 720 students in the school. Predict the number of students in the school who would choose the aquarium as their favorite field trip.

8. **MALL** There are 240 stores in a mall.

- Find the number of stores in each category.
- Electronics stores make up  $\frac{1}{5}$  of the “Other” category. Find the angle measure of the section that would represent electronics.

