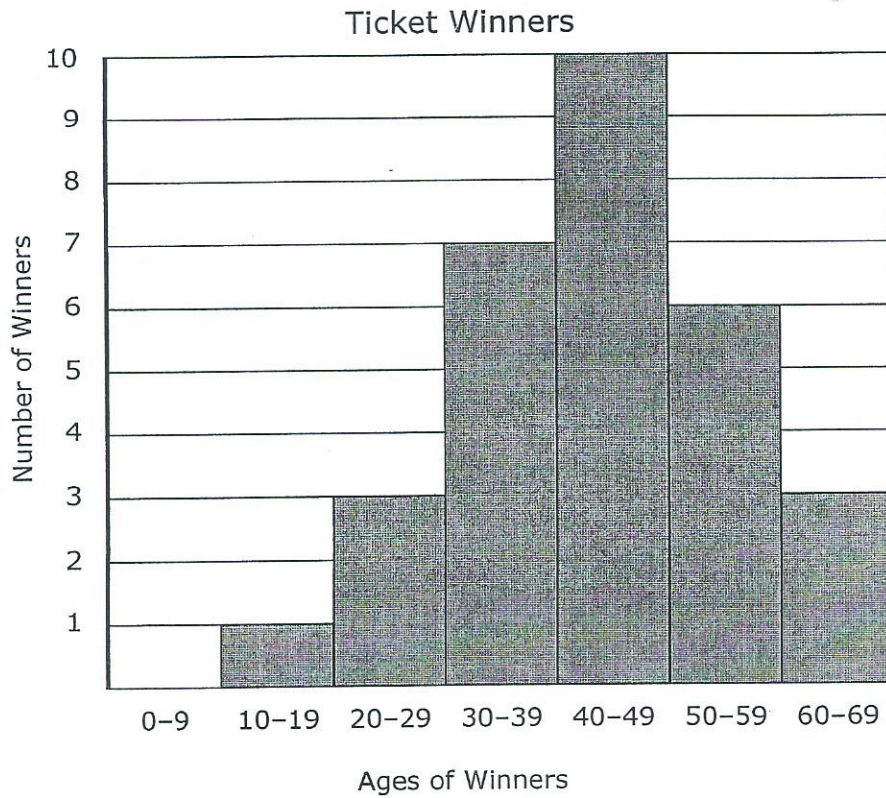


Evaluate: Multiple Representations

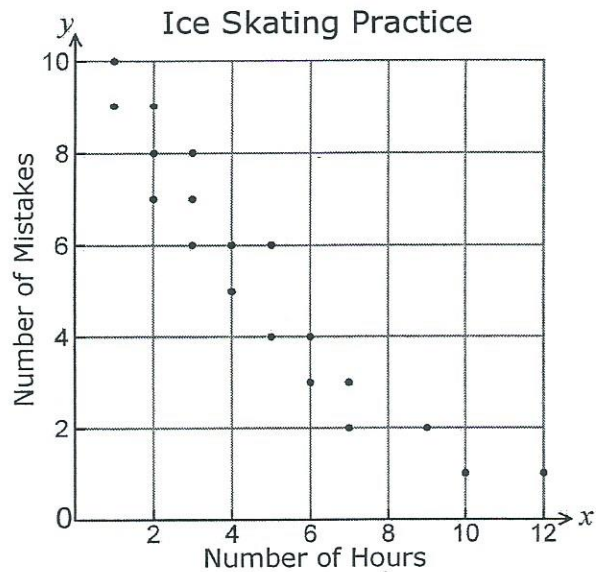
1. The graph below represents the number of people who won tickets to the pro football game.



What percent of winners were in the 40 to 49 age range?

- A** 10%
- B** 30%
- C** $33\frac{1}{3}\%$
- D** $66\frac{2}{3}\%$

2. The scatterplot below shows the relationship between the number of hours an ice skater spends practicing during the week and the number of mistakes performed at the competition.



Based on the information in the scatterplot which statement is a valid conclusion?

- A** Skaters who practice less than 3 hours per week should expect to make fewer than 7 mistakes.
- B** Skaters who practice 2 hours per week should expect two times as many mistakes as skaters who practice 8 hours per week.
- C** Skaters who practice more than 6 hours per week should expect to make more than 3 mistakes.
- D** Skaters who practice more than 6 hours per week should expect to make fewer than 3 mistakes.

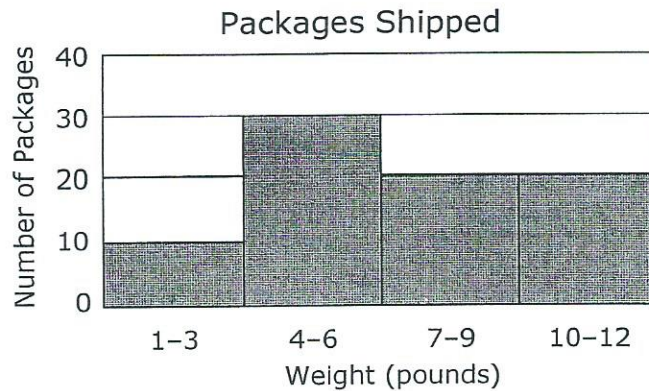
3. The table below shows the amount of food that was purchased for the homecoming game last year.

Type of Food	Number of Items Purchased
Hot Dog	80
Nachos	45
Pizza	30
Hamburgers	15

If the school uses this data to purchase food for this year's homecoming game, which conclusion is **not** reasonable?

- A The school should purchase one third as many hamburgers as nachos.
- B The school should purchase one third as many nachos as hot dogs.
- C The school should purchase two thirds as many pizzas as nachos.
- D The school should purchase twice as many pizzas as hamburgers.

4. The graph below displays the weights of packages shipped from a post office on Friday.



According to the information in the graph, which is an accurate statement?

- A** There were a total of 30 packages that were shipped that weighed 1-3 pounds.
- B** There were a total of 3 packages shipped on Friday that weighed less than 10 pounds.
- C** There were a total of 8 packages shipped on Friday.
- D** There were a total of 40 packages shipped that weighed less than 7 pounds.