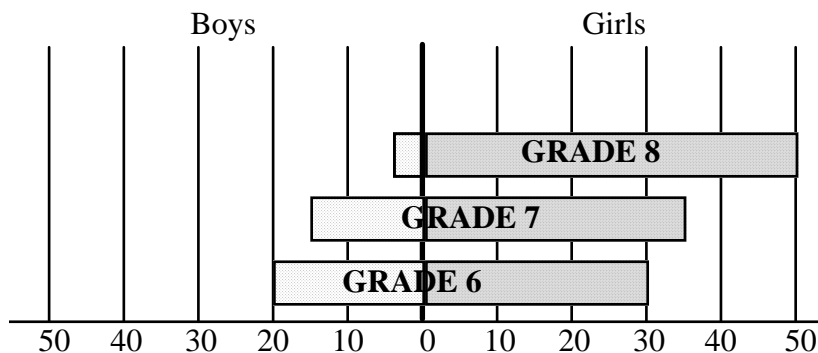
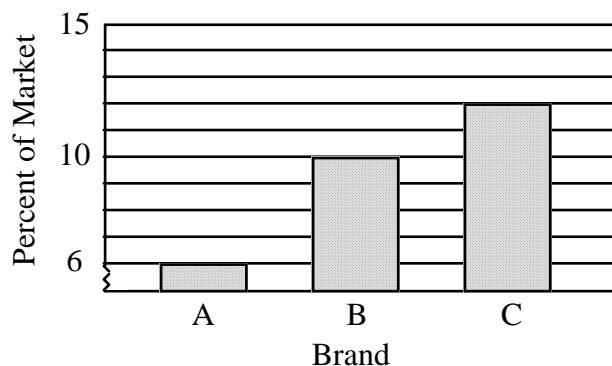


A.S.9: Analyze and interpret a frequency distribution table or histogram, a cumulative frequency distribution table or histogram, or a box-and-whisker plot.

1. The graph below shows the number of boys and girls in Main Street Middle School's chorus. Identify two trends indicated by the data presented in the graph.



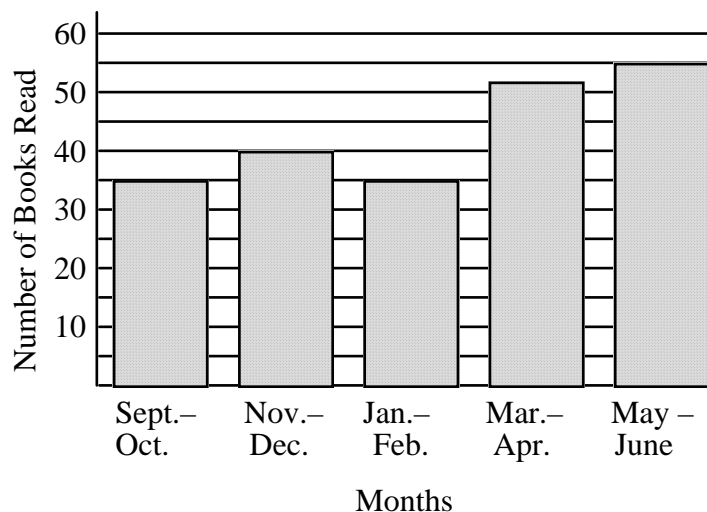
2. **Percent of Market Share of Various Brands of Orange Juice**



The graph above shows the market shares of various juice companies that sell orange juice. According to the graph, the market share of Brand C is

- [A] one half that of Brand A. [B] equal to that of Brand B.
 [C] about equal to that of Brand A. [D] double that of Brand A.

3.

Principal's Reading Club

The histogram above shows the total number of books read by students in the Principal's Reading Club during the school year. How many books were read from January through April?

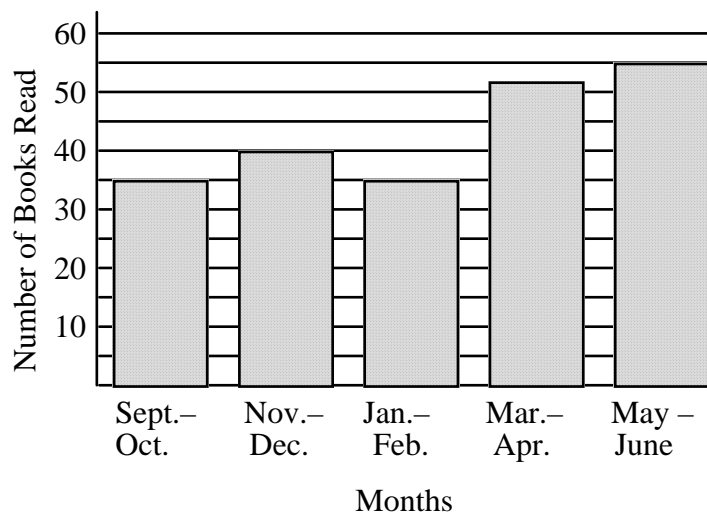
[A] 85

[B] 80

[C] 95

[D] 87

4.

Principal's Reading Club

The histogram above shows the total number of books read by students in the Principal's Reading Club during the school year. There were 7 students in the club and each student read the same number of books. How many books did each student read during the school year?

[A] 30

[B] 25

[C] 31

[D] 29

Integrated Algebra Practice: Frequency Histograms, Bar Graphs and Tables #8

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Answers will vary but may include: More girls than boys join the chorus; As females age, their interest in chorus increases; As males age, their interest in chorus decreases.

[2] D _____

[3] D _____

[4] C _____