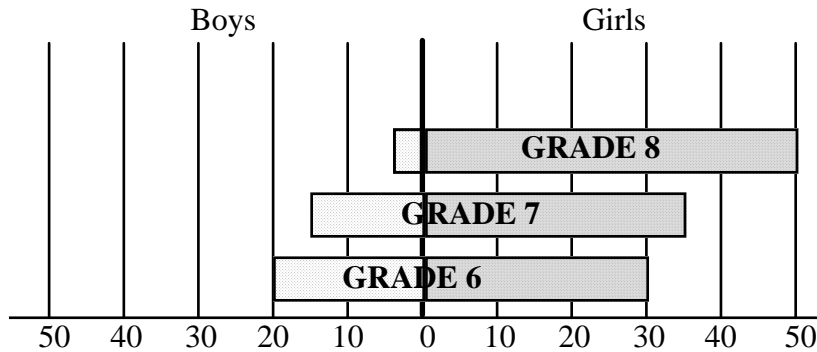
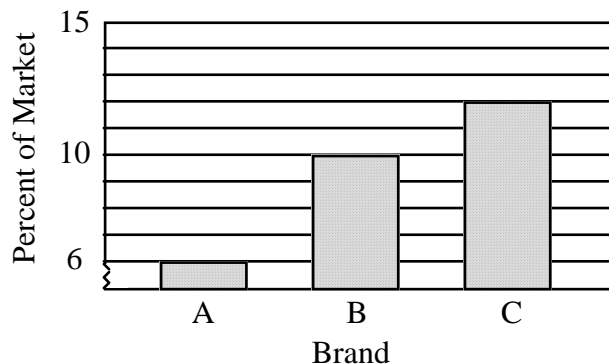


*P.I. A.S.9: Analyze and interpret a frequency distribution table or histogram, a cumulative frequency distribution table or histogram, or a box-and-whisker plot.*

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.



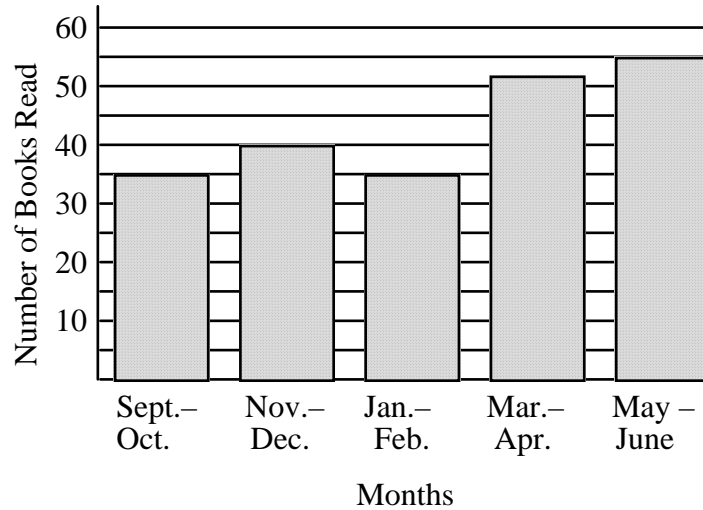
2. **Percent of Market Share of Various Brands of Orange Juice**



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?

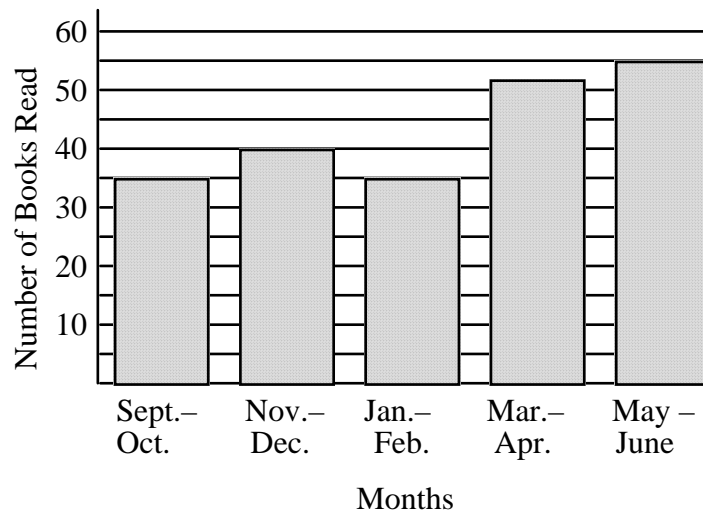
[A] 85

[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

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.

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[2] D

[3] D

[4] C