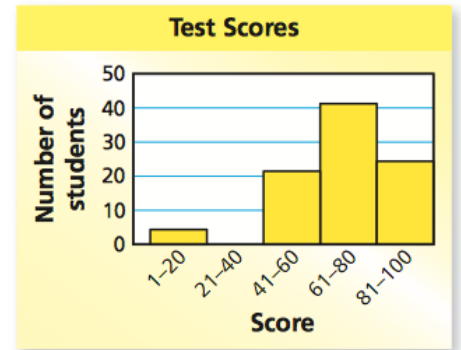
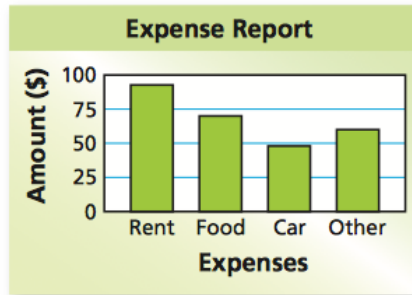




Vocabulary and Concept Check

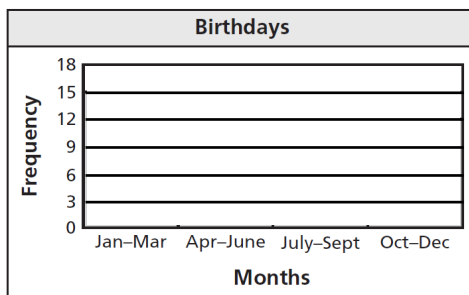
- VOCABULARY** Which graph is a histogram? Explain your reasoning.
- REASONING** Describe the outliers in the histogram.
- REASONING** How can you tell when an interval of a histogram has a frequency of zero?



Display the data in a histogram.

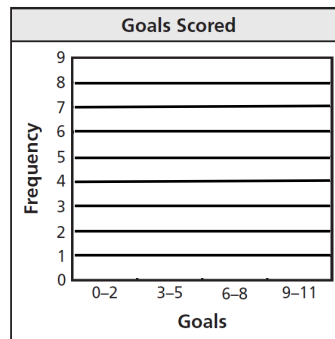
4.

Months	Frequency
Jan-Mar	15
Apr-June	9
Jul-Sept	6
Oct-Dec	12



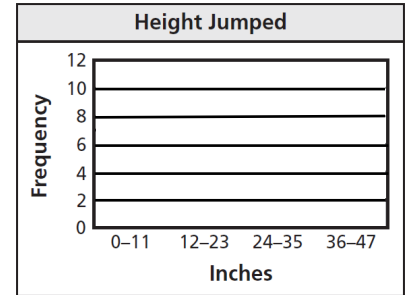
5.

Goals	Frequency
0-2	6
3-5	8
6-8	2
9-11	1



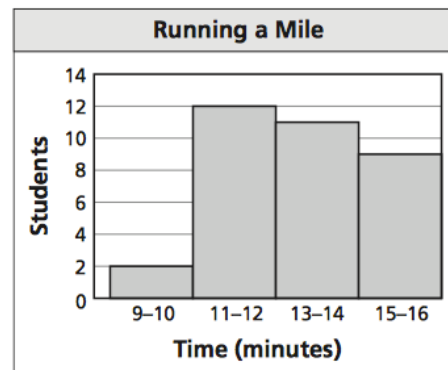
6.

Inches	Frequency
0-11	7
12-23	10
24-35	5
36-47	2

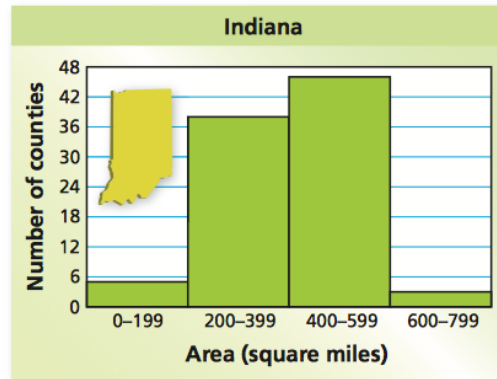
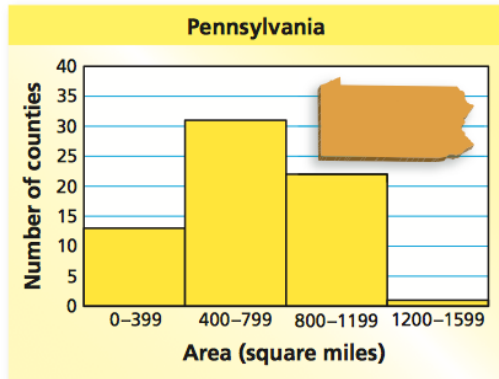


7. The histogram shows the times students ran the mile in gym class.

- Which interval contains the fewest data values?
- How many students are in the class?
- What percent of students ran the mile in 12 minutes or less?

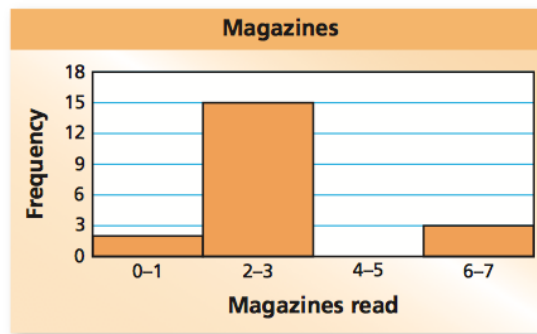


8. **PROBLEM SOLVING** The histograms show the areas of counties in Pennsylvania and Indiana. Which state do you think has the greater area? Explain.



9. **MAGAZINES** The histogram shows the number of magazines read last month by the students in a class.

- Which interval contains the fewest data values?
- How many students are in the class?
- What percent of the students read less than six magazines?



10. **VOTING** The histogram shows the percent of the voting-age population that voted in a recent presidential election. Explain whether the graph supports each statement.

- Only 40% of one state voted.
- In most states, between 50% and 64.9% voted.

