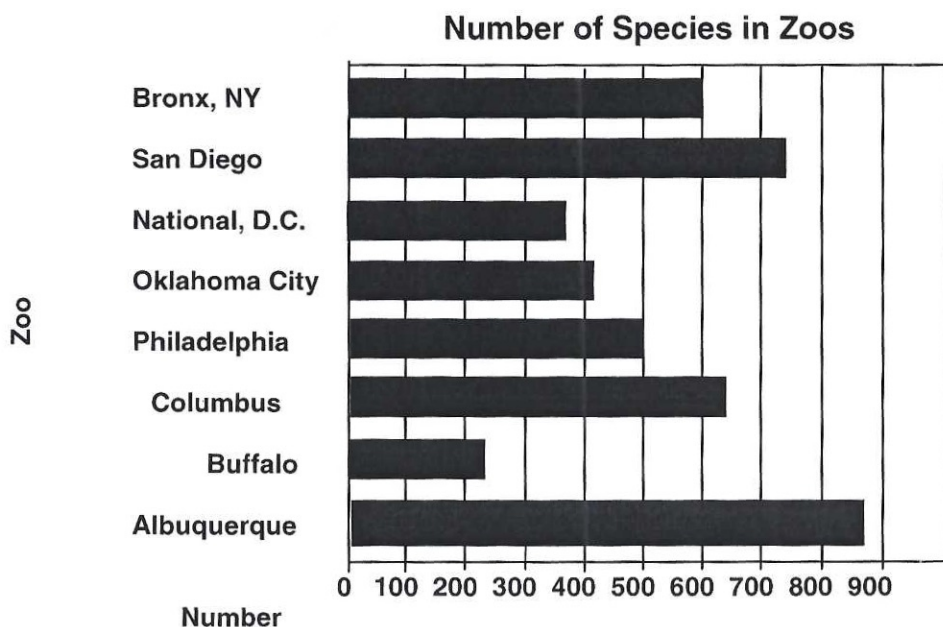


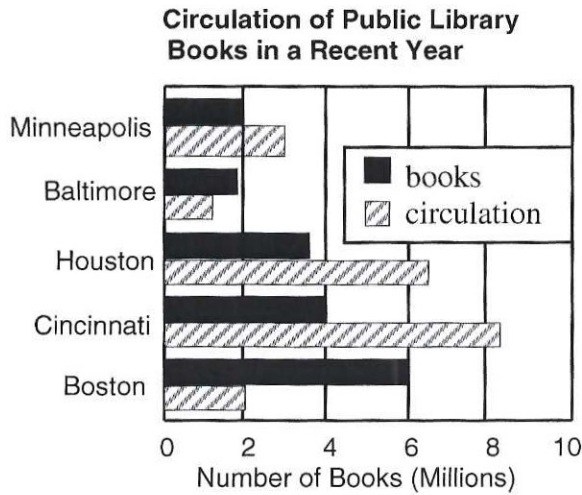
BAR GRAPHS

Complete, using the bar graph.



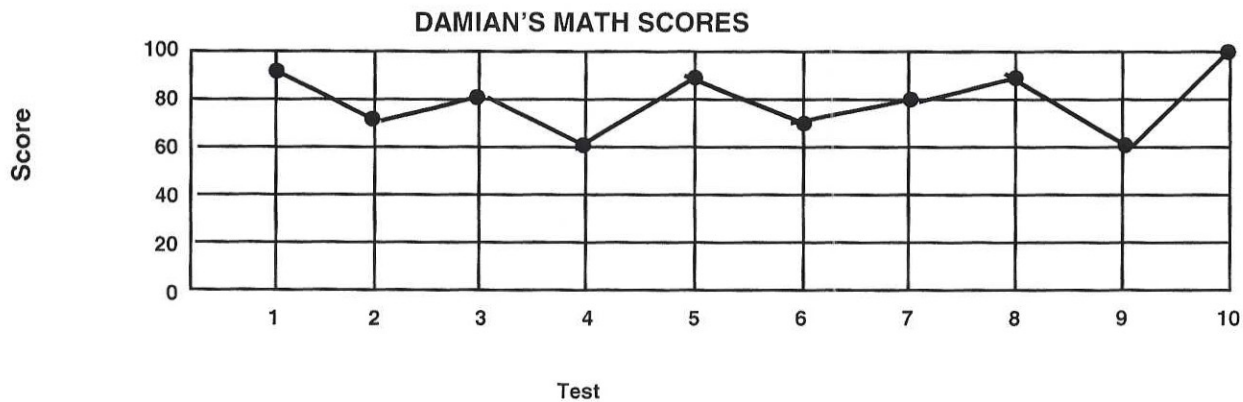
1. Which zoo has the greatest number of species?
2. Which zoo has the least number of species?
3. Which two zoos have about the same number of species?
4. About how many species does the Bronx Zoo have?
5. About how many more species does Albuquerque Zoo have than the San Diego Zoo?

Answer, using the double bar graph



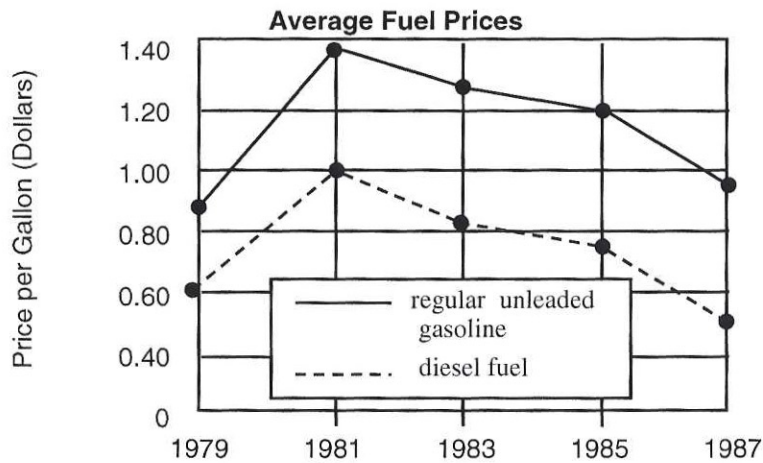
6. Which city has the greatest circulation of public library books?
7. Which city has the greatest number of books in its public library?
8. In which city is the circulation of public library books about 3,000,000?
9. About how much greater is the number of books in Cincinnati public libraries than in Baltimore public libraries?
10. In which city is the number of books in public libraries about 3 times the circulation of books?

LINE GRAPHS



Solve. Use the line graph.

1. What is the highest score shown?
2. What is the lowest score shown?
3. What was Damian's score on test 3?
4. What was Damian's score on test 8?
5. Did Damian's score increase or decrease from test 8 to 9?



Use the double line graph to answer the following.

6. Estimate the average price of regular unleaded gasoline in 1983.

7. Estimate the increase in the average price of regular unleaded gasoline from 1979 to 1981.

8. In 1979, about how much greater was the average price for regular unleaded gasoline than for diesel fuel?

9. During which two-year interval did the average price for diesel fuel decrease by more than \$0.20?

CIRCLE GRAPHS

Use the circle graph to answer.

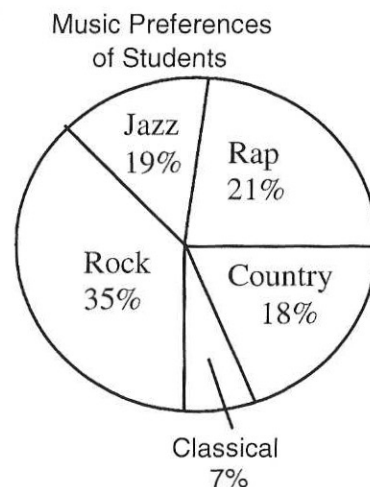
1. What percent of the students do not prefer rock music?

2. If there are 300 students in all, how many prefer country music?

3. If 42 students prefer rap music, how many students are there in all?

4. If 76 students prefer jazz music, how many students are there in all?

5. If 21 students prefer classical music, how many prefer rock music?



Use the circle graph at the right to answer the following.

6. What is the total budget for a month?

7. What percent of the Wang family's budget is spent on housing?

8. What percent of the budget does Wang family save?

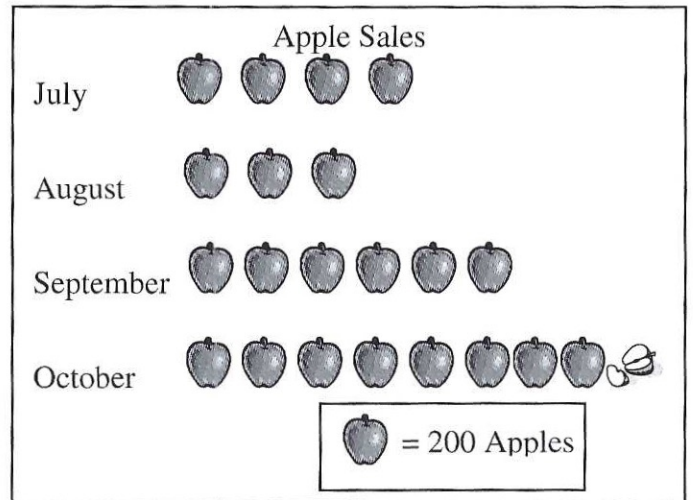
9. What percent of the Wang family's budget is spent on food and clothing?



PICTOGRAPHS

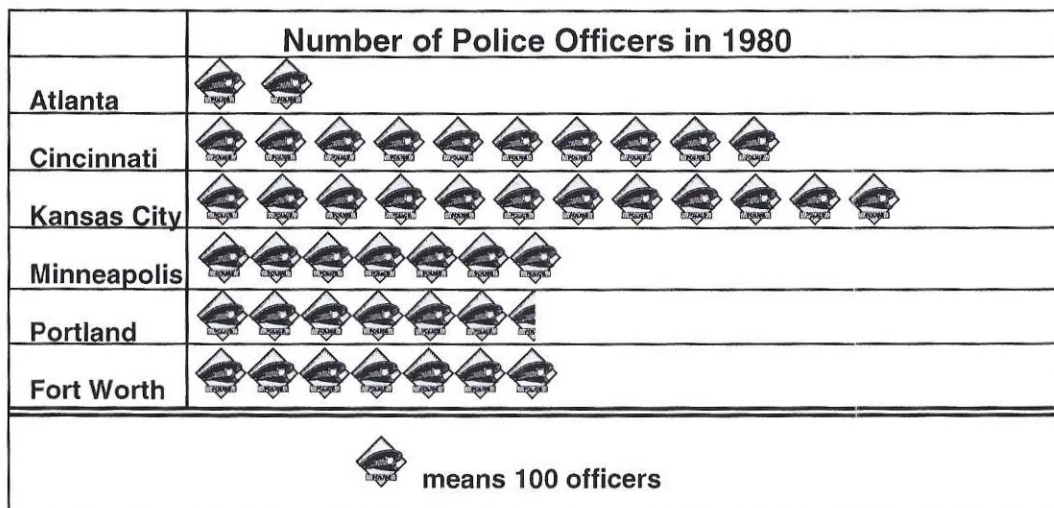
Use the pictograph to the right to answer the following.

1. About how many apples were sold in August?
2. About how many more apples were sold in September than in July?
3. In which month were more than 700 apples sold?



4. In which month were about twice as many apples sold as in August?
5. How many symbols would be needed to represent 1000 apples?

Use the pictograph below to answer the following.

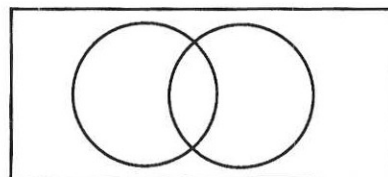


6. Which city has the fewest police officers?
7. Which city has the most police officers?
8. Which two cities have about the same number of police officers?
9. Which city has about 50% as many police officers as Kansas City?
10. Which city has about 20% as many police officers as Cincinnati?
11. Which two cities together have about as many police officers as Kansas City?
12. Which city has 600% as many police officers as Atlanta?
13. Which two cities together have about as many police officers as Minneapolis and Fort Worth together?

VENN DIAGRAMS

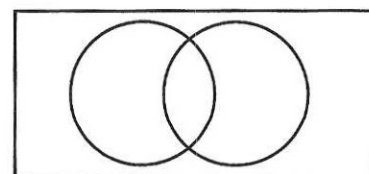
Solve using a Venn Diagram. Use the diagram at the right of each problem to show your work.

Of 87 people surveyed, 49 read *Lifetime Magazine*, 21 read *Nationwide* and 5 read both



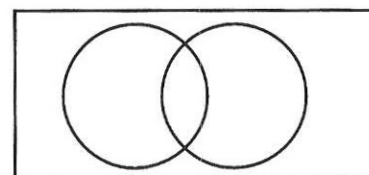
1. How many read neither magazine?
2. How many read only *Lifetime*?
3. How many read only *Nationwide*?
4. How many read one magazine or the other or both?
5. How many read only one magazine?

In a recent poll of 230 people, 50 people had only cats as pets, 70 people had only dogs as pets, and 25 had neither.



6. How many people had both cats and dogs as pets?
7. How many people had only cats, only dogs, or both cats and dogs?

Of 73 men, 54 wore belts, 20 wore suspenders, and 4 wore both.



8. How many wore only belts?
9. How many men wore only suspenders?
10. How many men wore neither?