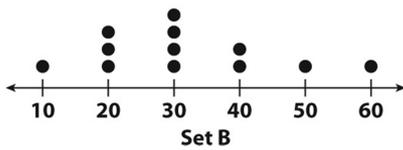
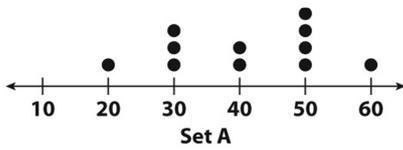
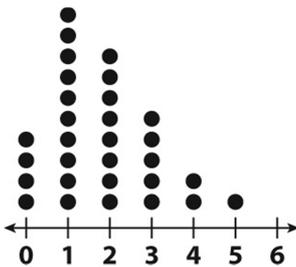


1) Based on the dot plots below, which of the following is a true statement?



- A Set B has the greater mode.
  - B Set A has more items than set B.
  - C Set A is more symmetric than set B.
  - D Set B has the greater range.
- 2) Mills Middle School has 280 students. A random sample of 30 students was asked how many cars their families have at home. The results are shown in the dot plot below.



Which of the following is a qualitative statement that is reasonable based on the data?

- A The fewest number of cars at home is 0.
  - B Most students have 2 or fewer cars at home.
  - C Most students have 3 or more cars at home.
  - D The median number of cars at home is 3.
- 3) A baseball player gets a hit 20% of the times he is at bat. Out of the next 15 times at bat, how many hits can you expect the player to get?

- A 2 hits
- B 3 hits
- C 5 hits
- D 12 hits

4) Rinaldo is buying a new truck for \$36,000. He is entitled to an 8% rebate. How much will the truck cost after the rebate?

- A \$22,800
- B \$29,520
- C \$33,120
- D \$35,999

5)

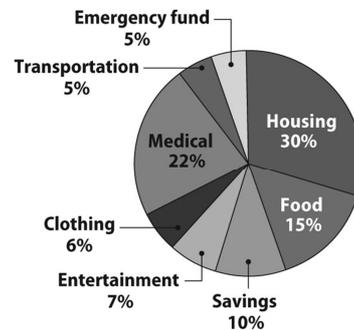
The table shows the results of a survey about students' favorite types of books.

Type of Book	Percent
Sci-fi	22%
Mystery	14%
Adventure	37%
Sports	27%

What fraction of the students surveyed chose mystery as their favorite type of book?

- A  $\frac{7}{50}$
- B  $\frac{11}{50}$
- C  $\frac{27}{100}$
- D  $\frac{37}{100}$

6) The Masim family's monthly budget is shown in the circle graph below. The family has a current monthly income of \$5,000. How much money do they spend on food each month?



- A \$250
- B \$500
- C \$750
- D \$1,100

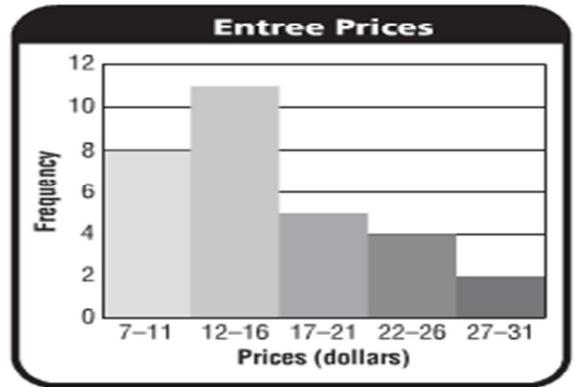
7) Carly is a catcher on the school softball team. By the end of the season, she had played in 45% of the 40 games the team played. In how many games did Carly **not** play?

- A 24
- B 22
- C 20
- D 18

8) Deanna has 80 books in her collection. If 60% of the books are fiction, how many of the books are nonfiction?

- A 60
- B 48
- C 32
- D 20

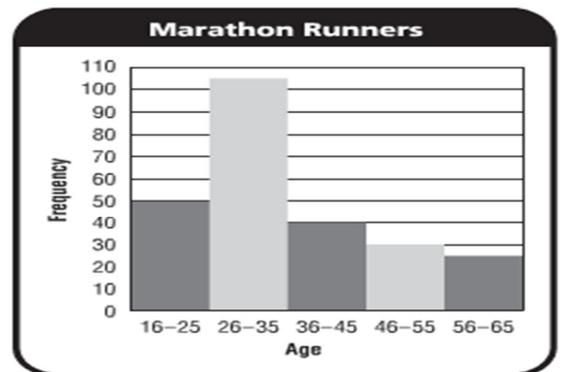
9. The histogram shows the prices, in dollars (\$), of entrees on a restaurant menu.



How many entrees on the menu cost \$16 or **less**?

- A 5
- B 8
- C 11
- D 19

12. The Runners Club sponsored a marathon. The histogram shows the ages of the runners who participated in the marathon.



How many runners are in the 26-45 age groups?

- A 145
- B 105
- C 70
- D 40