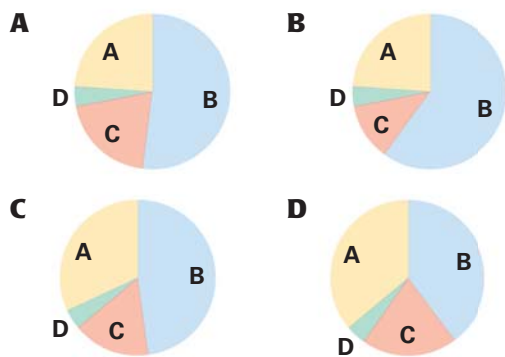# BAR GRAPH AND CIRCLE GRAPH PROBLEMS ON TAKS

Below are examples of bar graph and circle graph problems in multiple choice format. Try solving the problems before looking at the solutions. (Cover the solutions with a piece of paper.) Then check your solutions against the ones given.

1. On a recent test, 6 students received A's, 13 students received B's, 5 students received C's, and 1 student received a D. Which circle graph best represents the data?

Solution

A total of 25 students received grades on the test. So, the percent of students receiving each grade is:
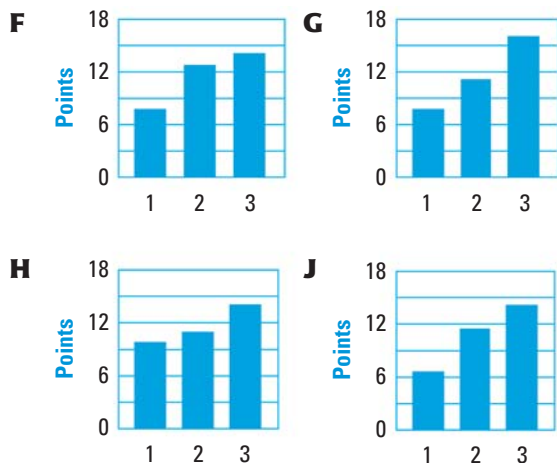
A: $\frac{6}{25}$ = 24%

B: $\frac{13}{25}$ = 52%

C: $\frac{5}{25}$ = 20%

D: $\frac{1}{25}$ = 4%

The correct answer is A.

(A)   (B)   (C)   (D)

2. While playing for 3 years on a high school basketball team, a player averaged 7.8 points per game in year 1, 11.2 points per game in year 2, and 14.0 points per game in year 3. Which bar graph best represents the data?

Solution

According to the bar graph for choice F, the player scored over 12 points per game in year 2.

According to the bar graph for choice G, the player scored over 15 points per game in year 3.

According to the bar graph for choice H, the player scored over 9 points per game in year 1.

The bar graph for choice J best represents the data.

So, the correct answer is J.

(F)   (G)   (H)   (J)