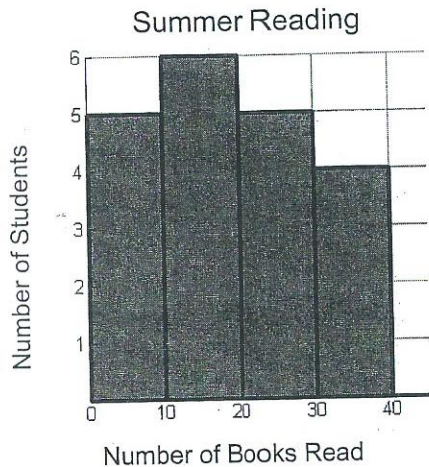Name: _____     Period: _____     Date: _____

## Evaluate: Interpreting Data and Graphs

1    The histogram shown below represents the number of books read by several students last summer.

### Summary Reading



Summer Reading

How many students were surveyed?

Record your answer and fill in the bubbles. Be sure to use the correct place value.



2    The table below shows the hourly temperature for 1 morning in Houston.

### Morning Temperature

| Time | Temperature |
|------|-------------|
| 6 A.M. | 70°F |
| 7 A.M. | 73°F |
| 8 A.M. | 73°F |
| 9 A.M. | 74°F |
| 10 A.M. | 77°F |
| 11 A.M. | 78°F |

Which type of graph would best represent this data?

A   circle graph

B   histogram

C   line graph

D   Venn diagram

6   T
    age

3. Enrollment at Parker Middle School has been increasing since it opened in 2003 as indicated in the line graph below.

**Enrollment at Parker Middle School**
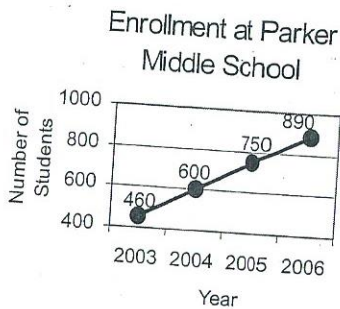


Which of the following statements is true based on the data shown above?

A  The number of students doubled from 2003 to 2006.

B  The number of students in 2004 was $\frac{1}{3}$ the number of students in 2006.

C  The number of students increased by 25% from 2004 to 2005.

D  The number of students increased by 140% from 2005 to 2006.

4. Two-hundred students in the eighth grade were surveyed about their favorite types of snack food. The results are shown below.
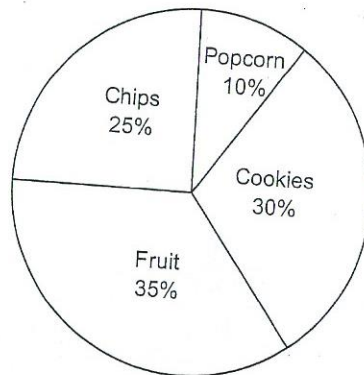


Which conclusion best represents the data collected?

A  Twenty-five students chose chips as their favorite snack food.

B  Five more students chose cookies than chose chips as their favorite snack food.

C  One-third of the students chose cookies as their favorite snack food.

D  Ten more students chose fruit than chose cookies as their favorite snack food.

Closing the Distance: A Flexible Tutorial for TAKS™