

Graphs

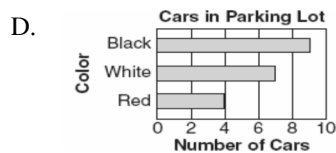
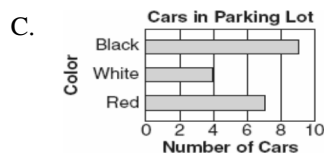
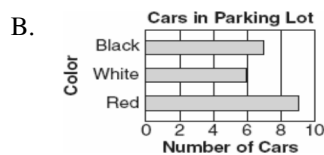
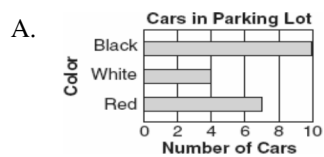
Name: _____

Date: _____

1. The tally chart below shows the number of each color of car Tish counted in a parking lot.

Color	Number of Cars
Black	
White	
Red	

Which car graph below correctly shows the same information?



- Students created a pictograph that shows the number of apples sold in a food store for one week. They made a graph.

Apples Sold in a Food Store

Red Delicious	
Golden Delicious	
Red Rome	
McIntosh	
Johnathan	

 = 10 apples  = 5 apples

[illegible]

How many blocks should the students shade on the graph to represent the number of Golden Delicious apples sold?

- A. 7 B. 6 C. 5 D. 4

3. Ramon wants to graph his science test scores each week. He will use the graph to determine a trend for his scores based on the days of the week he takes the test. What is the *best* type of graphic display he should use for this?

- A. line graph B. histogram
- C. circle graph D. stem-and-leaf plot

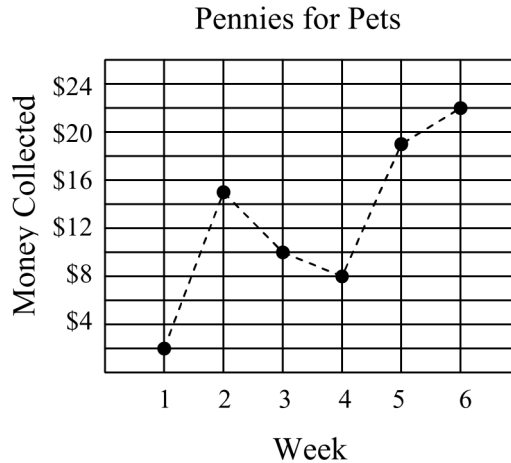
4. In a school fundraiser, each class recorded the amount of money they earned last week. Which type of graph would be most appropriate for displaying this information?

- A. bar graph B. circle graph
C. line graph D. pictograph

5. Which of the following is the *best* way for Mr. Gomez to show the change in the average temperature each day?

A. a line graph B. a tally chart
C. a pictograph D. a circle graph

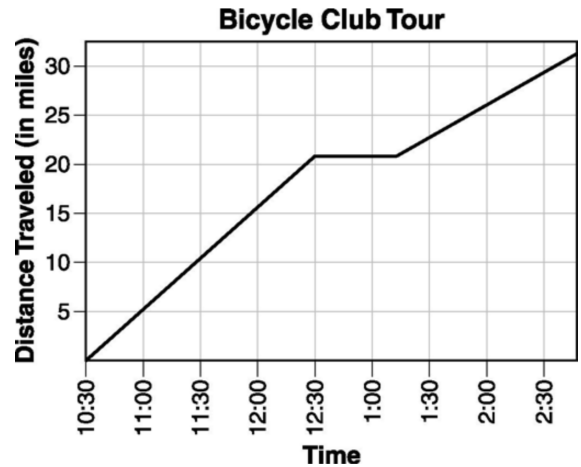
6. The graph below displays the amount of money collected by Mrs. Rice's class for "Pennies for Pets."



During which two-week period did the amount of money collected decrease the most?

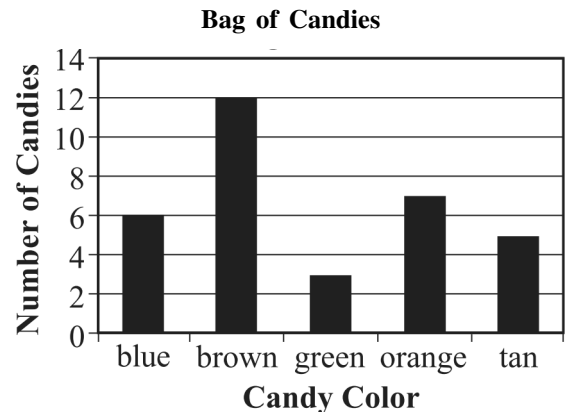
- A. Week 2 and Week 3
B. Week 4 and Week 5
C. Week 1 and Week 2
D. Week 3 and Week 4

7. Use the graph below to answer the following question.



The graph shows the distance traveled by the bicycle club during their Saturday tour. Based on the information in the graph, what time did they stop for lunch?

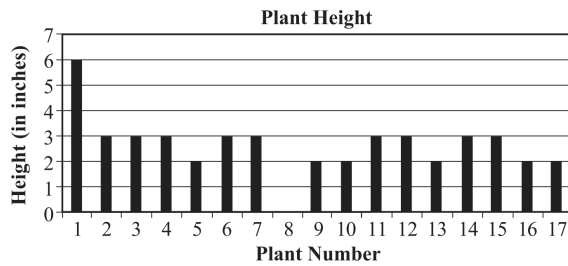
- A. 11:30 B. 12:30 C. 1:00 D. 1:15
8. Pablo had a bag of different-colored candies. He made the graph below to show the numbers of candies that were in the bag.



Based on Pablo's graph, which statement is true?

- A. There were 12 tan candies in the bag.
B. There were 7 orange candies in the bag.
C. Most of the candies in the bag were green.
D. There were more blue candies than any other color.

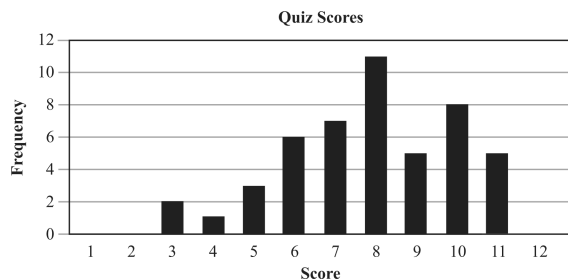
9. Stephen planted seeds for a science experiment. Several weeks after he planted the seeds, Stephen made the bar graph below to show how high the plants had grown.



Which conclusion can be drawn from Stephen's bar graph?

- A. More than half of the plants are at least 5 inches tall.
- B. More than half of the plants are exactly 3 inches tall.
- C. More than half of the plants are exactly 2 inches tall.
- D. All of the seeds planted have grown.

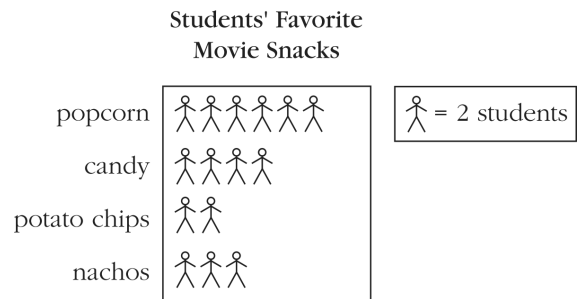
10. The graph below shows quiz scores for Ms. Bryant's classes.



Which observation about this data is true?

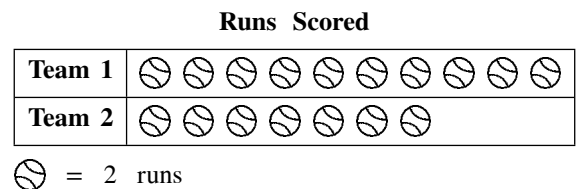
- A. The lowest score on the quiz was a 4.
- B. There were 8 students who scored an 11.
- C. There were 9 students who took the quiz.
- D. There were 18 students who scored a 7 or an 8.

11. Students in Mr. Romero's class were asked which snack (popcorn, candy, potato chips, or nachos) was their favorite to eat during a movie. The results are shown below.



Which statement correctly describes the students' choices?

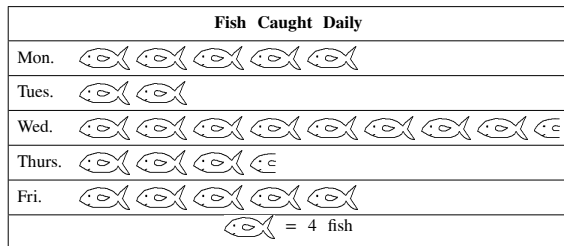
- A. An equal number of students chose candy as chose nachos.
 - B. Eight more students chose candy than chose potato chips.
 - C. Six more students chose popcorn than chose nachos.
 - D. More than half of the students chose popcorn.
12. This pictograph shows the number of runs scored in a softball game. The team that scored the most runs won the game.



What information is given by the graph?

- A. Team 2 lost to Team 1 by more than 5 runs.
- B. Team 1 lost to Team 2 by more than 5 runs.
- C. Team 2 lost to Team 1 by less than 5 runs.
- D. Team 1 lost to Team 2 by less than 5 runs.

13. From the information on the pictograph, which is a true statement?



- A. Fewer than 20 fish were caught on Monday.
- B. More than 15 fish were caught on Tuesday.
- C. More than 30 fish were caught on Wednesday.
- D. The most fish were caught on Friday.

14. Which of the following would best be displayed by using a line graph?

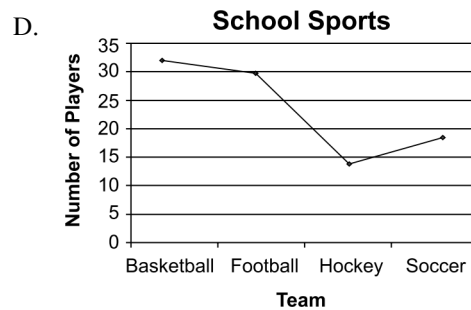
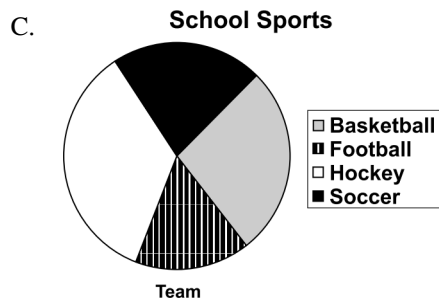
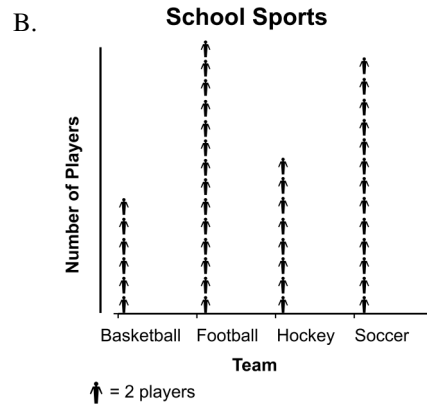
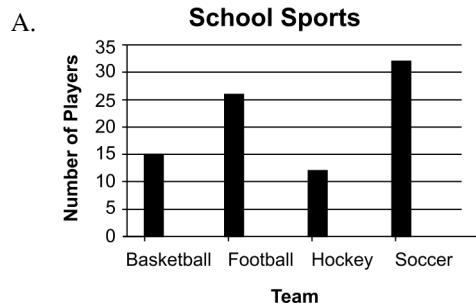
- A. a student's favorite colors
- B. a student's height for the past five years
- C. the distances students live from a school
- D. the number of students in each class at 10 am one day

15. Use the information in the chart below to answer the following question.

School Sports

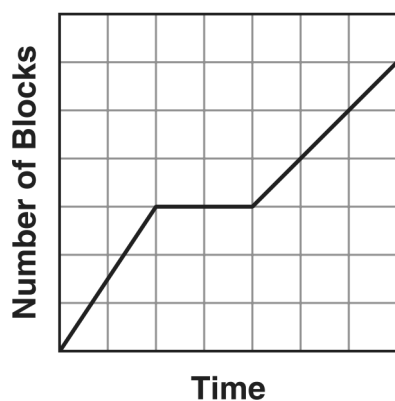
Team	Number of Players
Basketball	12
Football	28
Hockey	16
Soccer	26

Barbara decided to make a graph of the number of players on her school's sports teams. Which graph correctly shows the number of players on each team?



16.

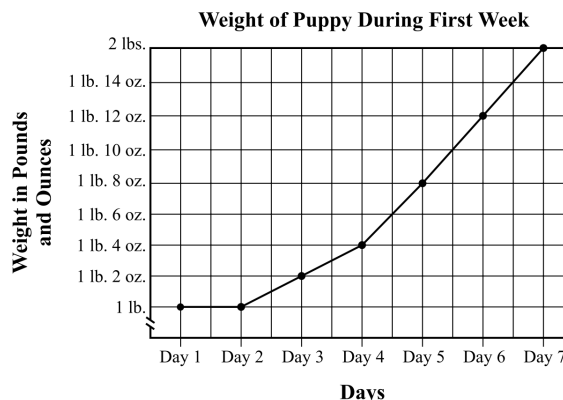
Jose's Walk to School



Jose walked to school one morning. Which situation best describes the graph of Jose's walk to school?

- A. Jose walked at an increasing rate, ran for a while, then walked at an increasing rate.
- B. Jose walked at an increasing rate, stopped for a while, then walked at an increasing rate.
- C. Jose walked at a constant rate, ran for a while, then walked at a constant rate.
- D. Jose walked at a constant rate, stopped for a while, then walked at a constant rate.

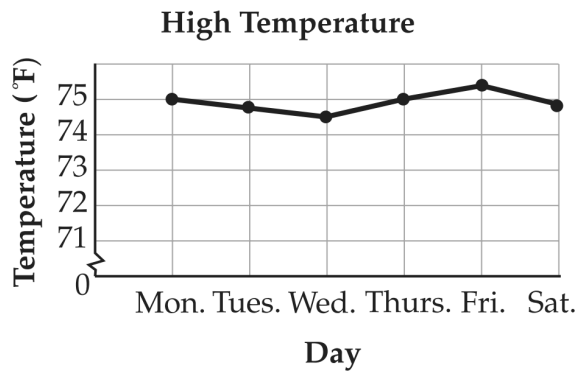
17. Use the information in the line graph below to answer the following question.



The graph shows the weight gain of a puppy during its first week of life. Which is *not* true about the weight of the puppy?

- A. The puppy gained 2 ounces between Day 3 and Day 4.
- B. The puppy weighed 1 pounds on Day 5.
- C. The puppy's weight doubled during the first week.
- D. The puppy's weight tripled during the first week.

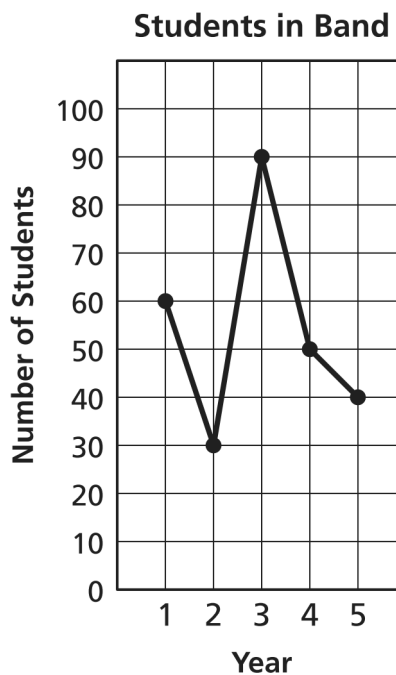
18. The graph below shows the high temperature each day for 6 days.



Based on the graph, the high temperature

- A. increased the same number of degrees each day.
- B. decreased the same number of degrees each day.
- C. was exactly the same number of degrees each day.
- D. increased some days and decreased other days.

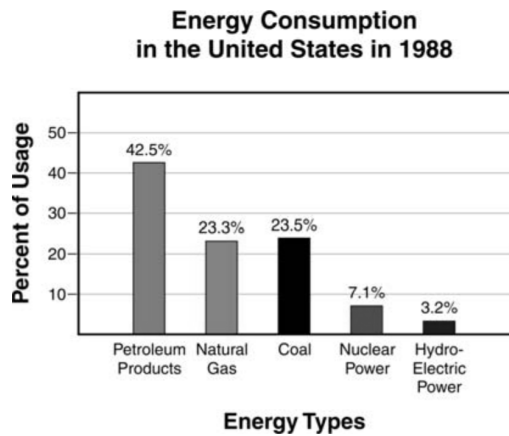
19. Jason made the following line graph of the number of students who participated in school band each year.



Based upon the line graph, which statement is correct?

- A. The total number of students who were in band in years 2 and 3 is 100.
- B. More students were in band in year 2 than in year 5.
- C. More students were in band in year 3 than in year 1.
- D. The number of students who were in band in year 4 is 60.

20. Use the graph below to answer the question that follows.



Which is a conclusion that could be made from these data?

- A. Nuclear and hydroelectric power together were used more than coal was used.
- B. Coal and hydroelectric power combined were used more than coal and nuclear power combined.
- C. More people used petroleum products than used coal and natural gas combined.
- D. Petroleum and nuclear power use accounted for nearly half of the energy consumption.