

Grade 5 to 6 Summer Packet 3- (Reading Graphs and Charts)

Name:

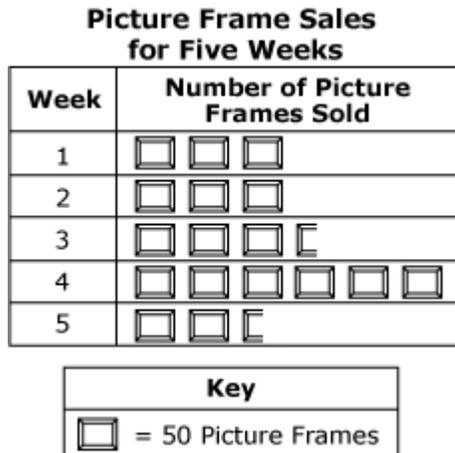
Date:

Teacher: Burke

Instructions: Write the letter of the best answer on the line next to the question number.

Grade 5 to 6 Summer Packet 3- (Reading Graphs and Charts)

1. The pictograph below shows the number of picture frames sold at a store each week for five weeks.

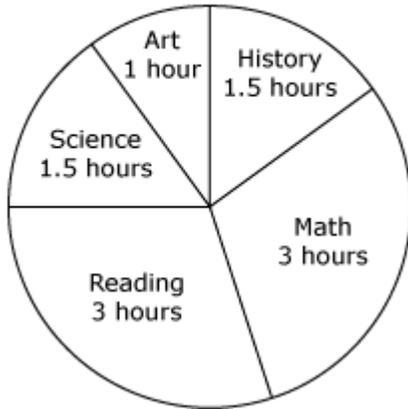


Which statement about the number of frames sold is NOT true?

- | | |
|--|--|
| A. The greatest number of frames was sold during week 4. | C. The least number of frames was sold during week 2. |
| B. More frames were sold during week 1 than during week 5. | D. More frames were sold during week 3 than during week 5. |

2. Antonio drew the circle graph below to show the number of homework hours required per week for each subject.

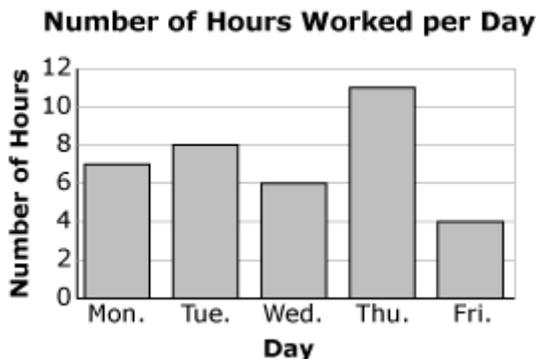
Number of Homework Hours Required per Week



Antonio predicts he will spend 12 hours on reading homework in one month. What steps did he take to make this prediction?

- He added all the numbers in the circle graph together and multiplied the total by 3, because reading requires 3 hours.
- He multiplied the number of hours listed for reading by 12, because there are 12 months in a year.
- He added all the numbers in the circle graph together and multiplied the total by 4, because there are 4 weeks in a month.
- He multiplied the number of hours listed for reading by 4, because there are 4 weeks in a month.

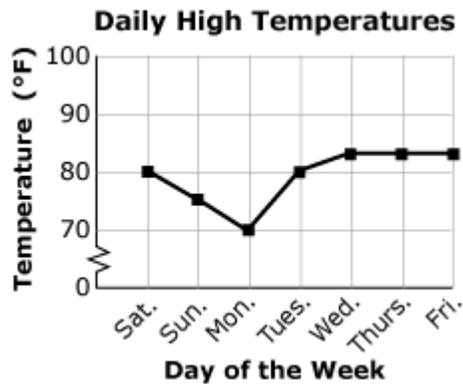
3. The graph below shows the number of hours a team of painters worked each day from Monday through Friday.



How many MORE hours did the painters work on Thursday than on Wednesday and Friday combined?

- A. 1 hour
- B. 2 hours
- C. 5 hours
- D. 7 hours

4. Blaine read a graph in the newspaper that showed the daily high temperature in a city for one week. The graph is shown below.



Which conclusion can Blaine make about the daily high temperature in the city for that week?

- A. The high temperature decreased every day of the week. C. The high temperature remained the same all week.
- B. The high temperature increased every day of the week. D. The high temperature decreased and increased over the week.
5. A bicycle rental company recorded the number of rentals it had for each of the past ten weeks. The data is shown below.

9 15 19 26 37 47 32 26 19 8

The company wants to display the data using a stem-and-leaf plot. Which list gives all the numbers that would be used for the stems?

- A. 0 1 2 3 C. 1 2 3 4
- B. 0 1 2 3 4 D. 2 5 6 7 8 9

6. The owner of a roller skating rink recorded the number of pairs of roller skates that were rented on each of 12 days, as shown below.

98 103 106 94 86 81 104 72 84 94 79 68

Which stem-and-leaf plot correctly displays this information?

A. **Number of Pairs of Roller Skates Rented**

6	8
7	1 4 6
8	2 9
9	4 4 8
10	3 4 6

Key
7 3 = 73 pairs

C. **Number of Pairs of Roller Skates Rented**

6	8
7	2 9
8	1 4 6
9	4 8
10	3 4 6

Key
7 3 = 73 pairs

B. **Number of Pairs of Roller Skates Rented**

6	8
7	2 9
8	1 4 6
9	4 4 8
10	3 4 6

Key
7 3 = 73 pairs

D. **Number of Pairs of Roller Skates Rented**

6	8
7	
8	2 3 4 6 9
9	4 4 8
10	1 4 6

Key
7 3 = 73 pairs

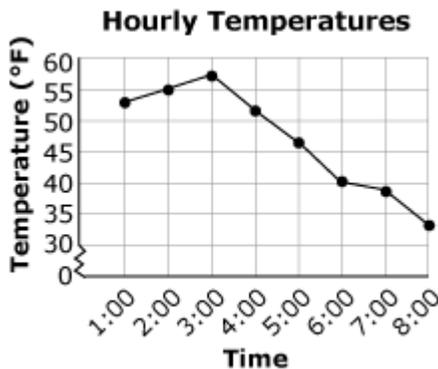
7. Mason has a job mowing lawns in his neighborhood. He made the graph below to show the total amount of money he hopes to have earned by the end of each week.



Mason then changed the scale on the vertical axis to count by 200 instead of 100. What effect would this change have on the appearance of the graph?

- A. The bars would appear taller. C. The bars would appear farther apart.
 B. The bars would appear shorter. D. The bars would appear closer together.

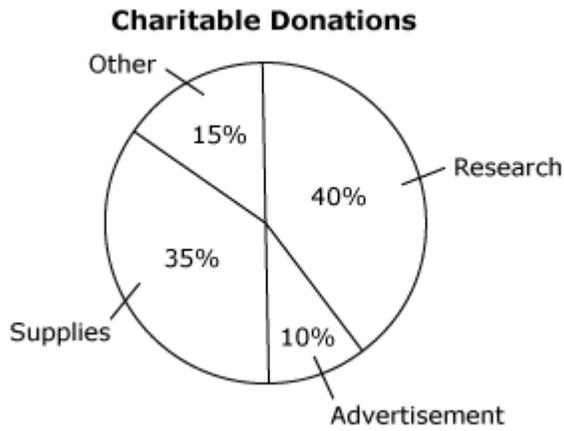
8. Kevin recorded hourly temperatures outside his house from 1:00 p.m. to 8:00 p.m., as shown below.



Kevin wants to change the scale on the vertical axis to show units of 2 instead of 5. Which statement best describes how the graph will look after Kevin makes this change?

- A. The change in temperature each hour will appear to be less. C. The highest temperature on the graph will appear to be at 1:00 p.m.
 B. The change in temperature each hour will appear to be greater. D. The highest temperature on the graph will appear to be at 8:00 p.m.

9. The circle graph below shows the different programs that are funded by donations to a charity, and the percent of each dollar spent on those programs.



If t dollars were donated to the charity, which expression could **not** be used to determine the number of dollars spent on research?

- A. $\frac{1}{5}t$
- B. $\frac{2}{5}t$
- C. $(0.2 + 0.2)t$
- D. $(0.4)t$

