

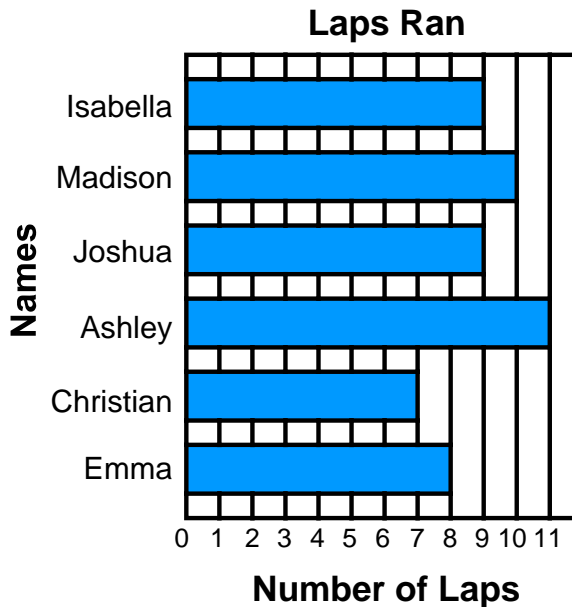
Graph Data

Skill 4 - 5C

Horizontal Bar Graphs

1. Samantha made the table below. It shows the number of laps ran by her classmates in physical education class. She then used the data in the table to make this horizontal bar graph.

Laps Run	
Name	Number of Laps
Isabella	9
Madison	11
Joshua	9
Ashley	10
Christian	7
Emma	8

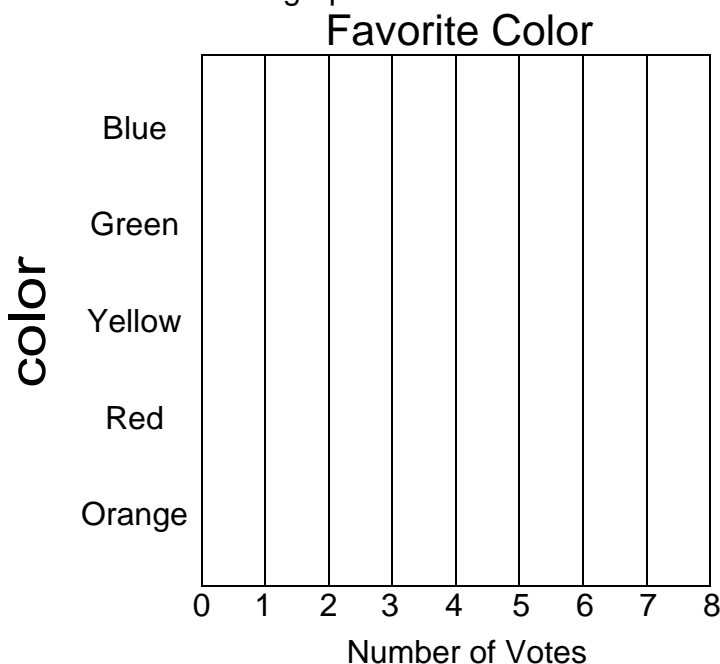


Did Samantha make any errors on her graph? If so, write the names of the people who were graphed incorrectly.

Answer: Madison and Ashley were graphed incorrectly. Madison ran 11 laps and the bar graph shows 10 laps. Ashley ran 10 laps and the bar graph shows 11 laps.

2. Joey asked his classmates to vote for their favorite color. He put their votes in the table below. Use the table to draw the bars on the horizontal bar graph.

Favorite Color	
Color	Number of Votes
Blue	6
Green	5
Yellow	7
Red	4
Orange	3



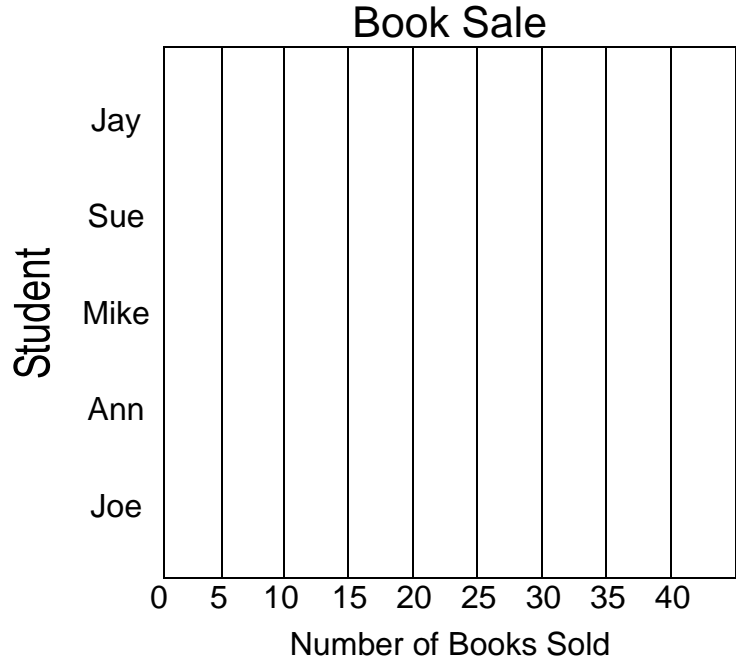
Graph Data

Skill 4 - 5C

Horizontal Bar Graphs

3. John's school held a book sale to raise money for a field trip. He made the table below to show each students sales. Use the data in the table to complete the horizontal bar graph.

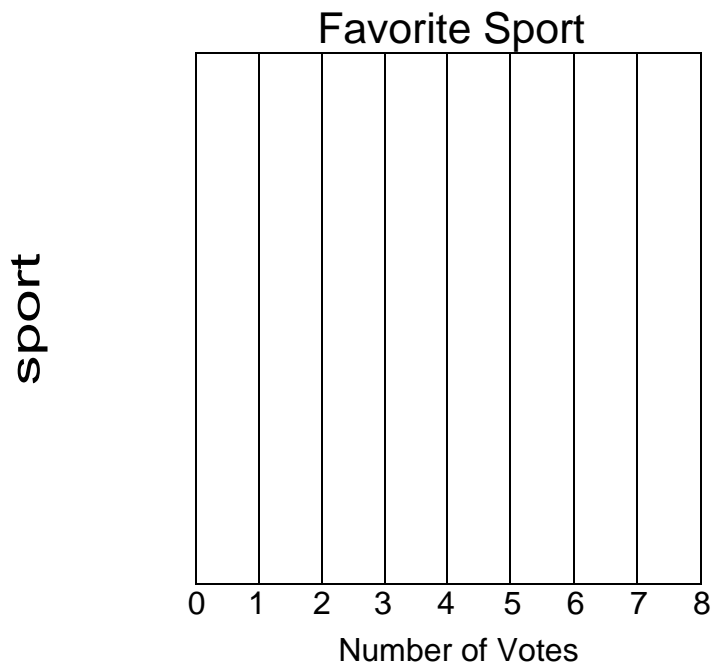
Books Sold	
Student	Number
Jay	20
Sue	40
Mike	35
Ann	10
Joe	30



4.

Joey asked his classmates to vote for their favorite sport. He put their votes in the table below. Use the table to make the bars on the horizontal bar graph. List the sports on the left side of the table and draw bars to match the data in the table. Use the graph above to help you.

Favorite Sport	
Sport	Number of Votes
Baseball	3
Soccer	6
Football	4
Tennis	7
Running	5



Graph Data
Skill 4 - 5C

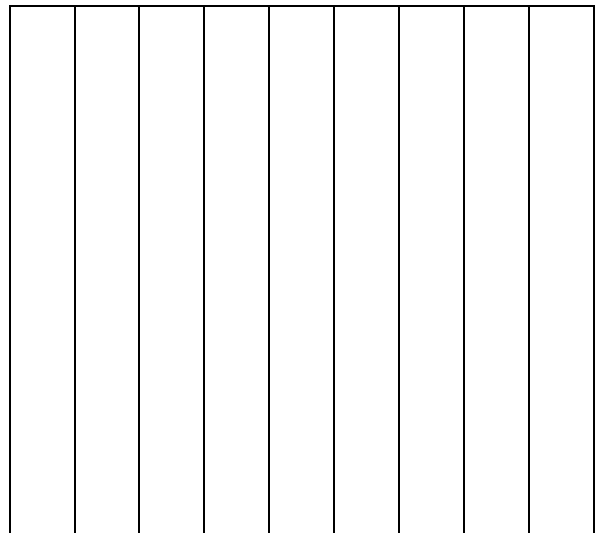
Horizontal Bar Graphs: Make a Bar Graph

5.

Grace asked her friends to vote for their favorite pet. She made the table below to show each friends vote. Use the data in the table to complete the horizontal bar graph.

- Use the bar graph on the previous page to help make this bar graph.
- Write the title of the graph along the top. Write "Favorite Pet".
- Write dog, cat, hamster, rabbit and bird along the left side of the graph. Label this part of the graph "pets" (write "pets" vertically as shown on the previous graph).
- Along the bottom of the graph write the scale 0, 1, 2, 3 4, 5, 6, 7, 8. Be careful to write each number so that it is centered below the line that it is labeling. Look at the previous graph on the last page to see how it is done.
- Under the scale write "Number of Votes".
- Draw horizontal bars on the graph that shows the data in the table.
- Color the bars.

Favorite Pet	
Student	Number
Dog	7
Cat	5
Hamster	3
Rabbit	4
Bird	6



Graph Data

Skill 4 - 5C

Horizontal Bar Graphs: Make a Bar Graph

6.

Think of a question such as ‘What is your favorite zoo animal’? Survey some of your friends or classmates and ask the question to each person. Use the tally table below to keep a record of each person’s answers. Use the bar graph lines below to make a horizontal bar graph using the data from the tally table.

- Label the top of the tally table below with a title such as “Favorite Zoo Animal”.

It will look like this except this tally table is not complete.

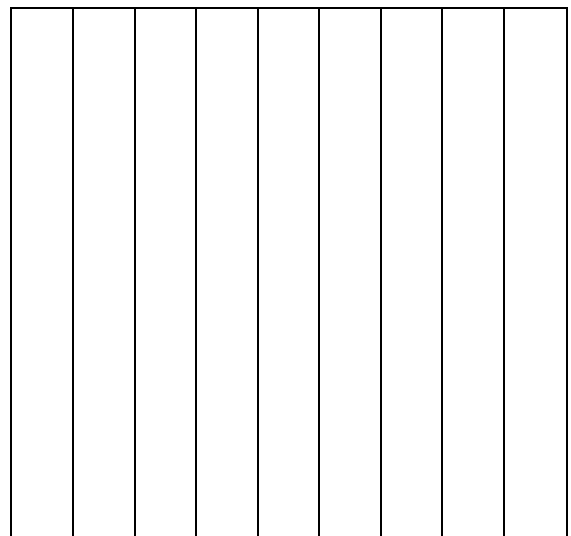
Favorite Zoo Animals	
Animal	Number of Classmates
Lion	

- Use the tally table to record each person’s vote.
- When the tally table is complete, use the data in the tally table to make a horizontal bar graph.
- Label the top of the bar graph with a title such as “Favorite Zoo Animals.”
- Along the left side of the bar graph write the names of each zoo animal.
- Then label this section “Animals.”
- Write a scale along the bottom of the bar graph.
- Write “Number of Votes” below the scale.
- Draw horizontal bars on the graph that shows the data in the table.
- Color the bars.

Tally Table

Favorite Zoo Animals	
Animal	Number of Classmates

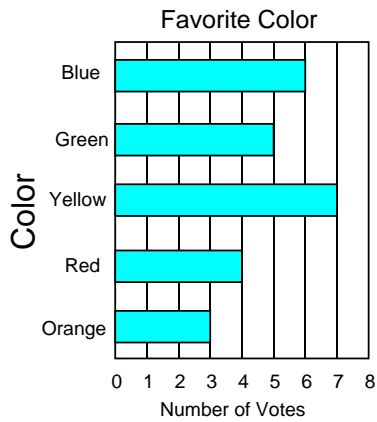
Horizontal bar graph.



Answer Key
Graph Data
Skill 4 - 5C

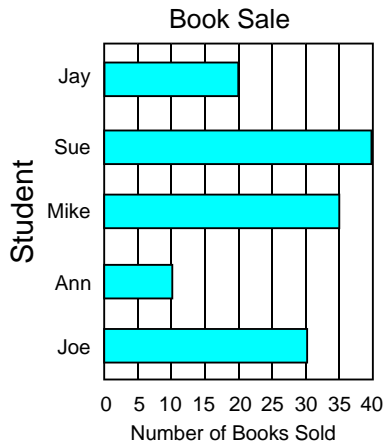
Page 1
Question 2

Favorite Color	
Color	Number of Votes
Blue	6
Green	5
Yellow	7
Red	4
Orange	3



Page 2 Question 3

Books Sold	
Student	Number
Jay	20
Sue	40
Mike	35
Ann	10
Joe	30



Page 2 Question 4

Favorite Sport	
Sport	Number of Votes
Baseball	3
Soccer	6
Football	4
Tennis	7
Running	5

