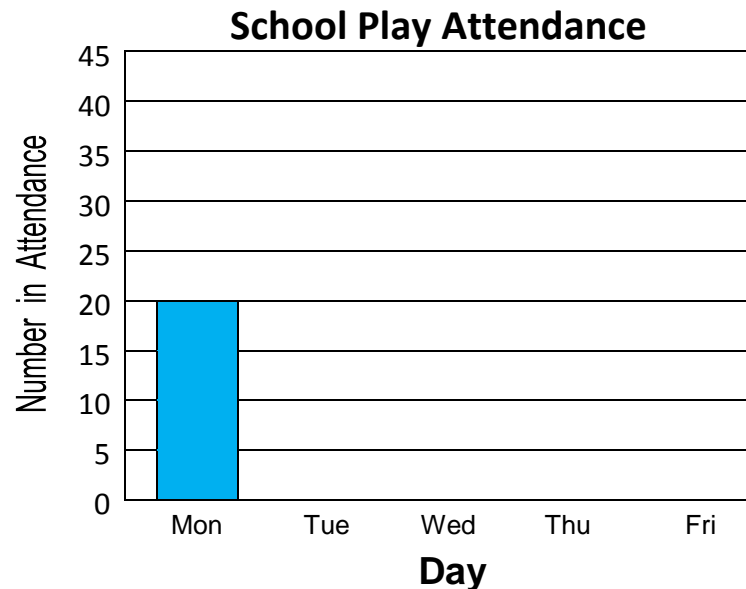# Bar Graphs
Skill 4 - 5E

Make a Vertical Bar Graph

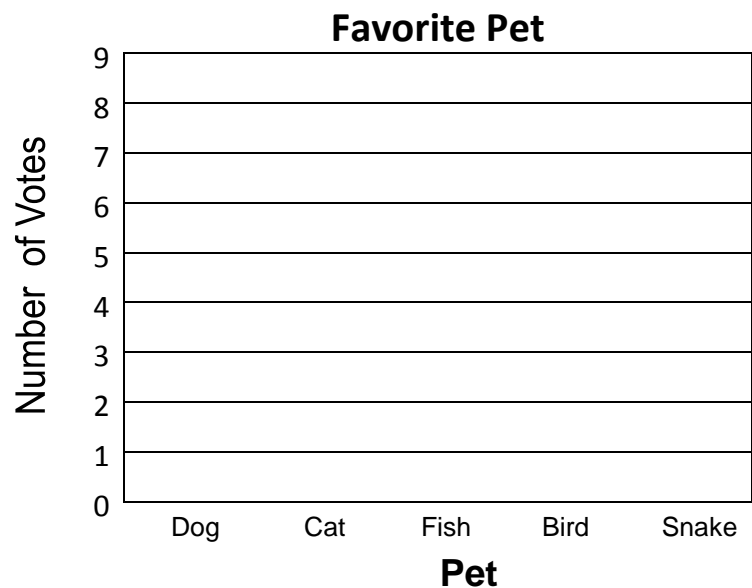**Directions:** Complete the bar graph using the table below.

1. Mr. Jackson made this vertical bar graph after the school play was over at the end of the week. Use the data from the table to complete the bar graph below.

School Play Attendance	
Day	**Number**
Monday	20
Tuesday	30
Wednesday	40
Thursday	35
Friday	25

School Play Attendance

2. Anna asked her classmates to vote for their favorite pet. She made the table below to show all of her classmate's votes. Use the data in the table to complete the bar graph.

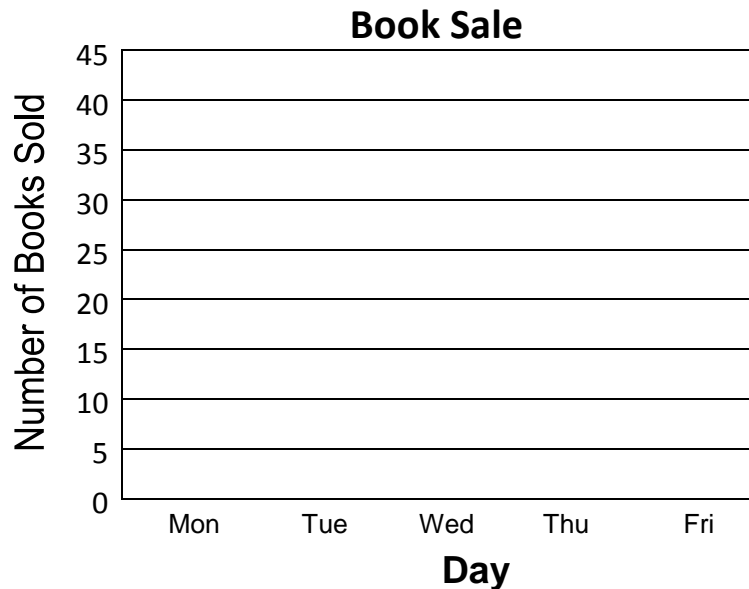| Favorite Pet	
Pet	**Number**
Dog	8
Cat	5
Fish	2
Bird	3
Snake	4

Favorite Pet

Bar Graphs
Skill 4 - 5E

Make a Bar Graph

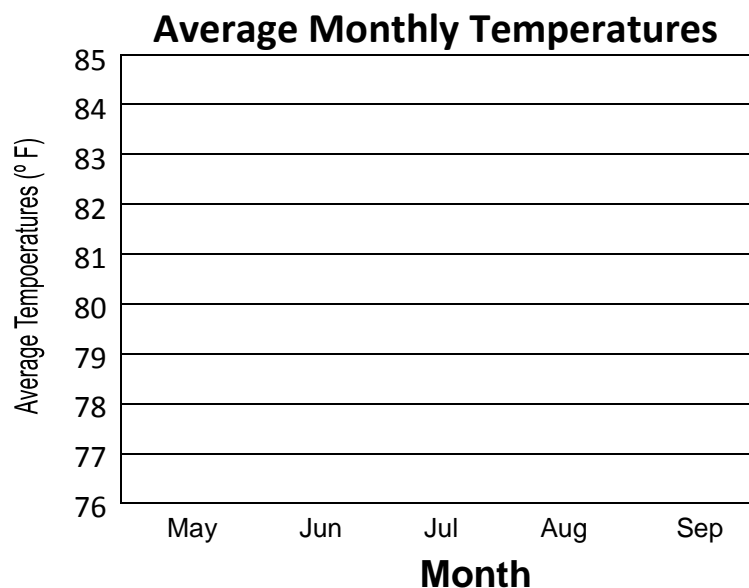**Directions:** Complete the bar graph using the table below.

3. John's school held a book sale to raise money for a field trip. Use the data in the table to complete the vertical bar graph.

Books Sold	
Day	**Number**
Monday	20
Tuesday	40
Wednesday	35
Thursday	10
Friday	30

Book Sale

Number of Books Sold
45
40
35
30
25
20
15
10
5
0
Mon   Tue   Wed   Thu   Fri
Day

4. Below is a table of average monthly temperatures. Use the data in the table to complete the bar graph.

Average Temperatures	
Month	**Temperature ºF**
May	77
June	81
July	84
August	82
September	81

Average Monthly Temperatures

Average Tempoeratures (°F)
85
84
83
82
81
80
79
78
77
76
May   Jun   Jul   Aug   Sep
Month

Bar Graphs
Skill 4 - 5E

Make a Bar Graph

**Directions:** Complete the bar graph using the table below.

5. Joey asked his classmates to vote for their favorite sport. He put their votes in the table below. Write each sport along the bottom of the bar graph. Use the data in the table to complete the vertical bar graph.

Favorite Sport	
Sport	**Number**
Baseball	6
Football	8
Soccer	7
Basketball	5
Track	3

Favorite Sport

Number of Votes

9
8
7
6
5
4
3
2
1
0

Sport
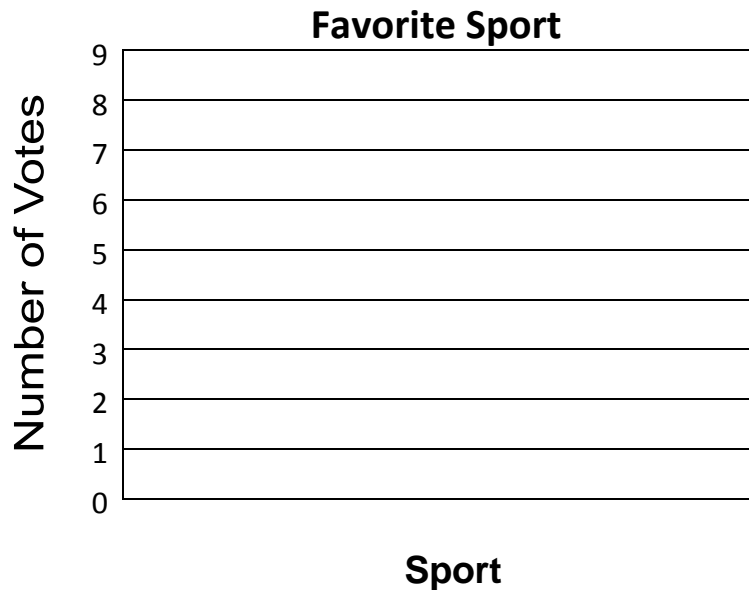
6. Jason's school basketball team played in a tournament for five days. Each day Jason recorded his teams score and on Friday he made the table below. Use the data in the table to complete the vertical bar graph.

Points Scored	
Day	**Number**
Monday	30
Tuesday	40
Wednesday	25
Thursday	15
Friday	35

Points Scored

Points

45
40
35
30
25
20
15
10
5
0

Day
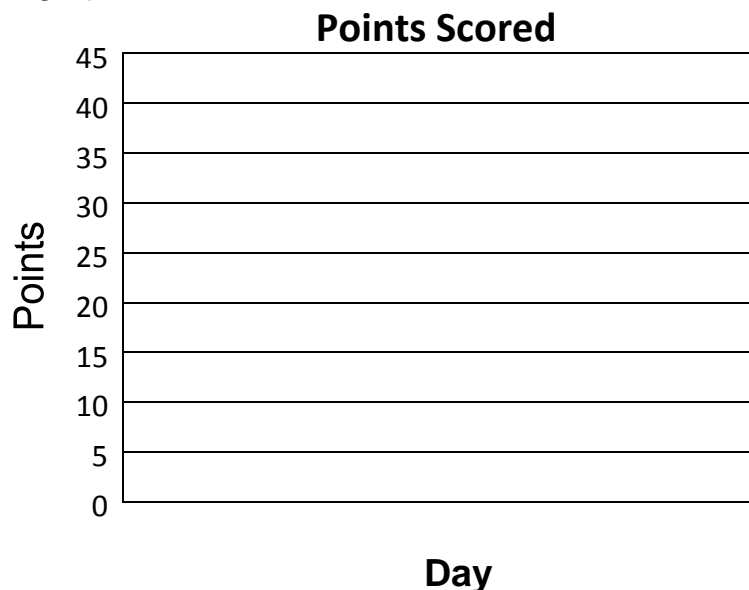
Bar Graphs
Skill 4 - 5E

Vertical Bar Graphs: Make a Bar Graph

7. 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 vertical 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	卌

- 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 vertical bar graph.
- Label the top of the bar graph with a title such as "Favorite Zoo Animals."
- Along the left side of the graph, write a scale.
- Then label this section "Number of Votes."
- Along the bottom of the bar graph write the name of each zoo animal.
- Write "Zoo Animals" below the scale.
- Draw vertical bars on the graph that shows the data in the table.
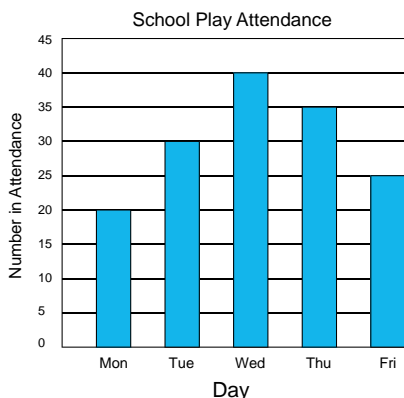- Color the bars.

Tally Table   Vertical bar graph.

Page 1 Graph Question 1

School Play Attendance	
Day	Number
Monday	20
Tuesday	30
Wednesday	40
Thursday	35
Friday	25

School Play Attendance

Page 1 Bar Graph 2

Favorite Pet	
Pet	Number
Dog	8
Cat	5
Fish	2
Bird	3
Snake	4

Favorite Pet
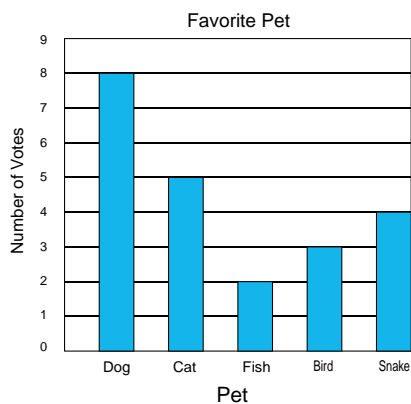
Page 2 Bar Graph 3

Books Sold	
Day	Number
Monday	20
Tuesday	40
Wednesday	35
Thursday	10
Friday	30

Book Sale
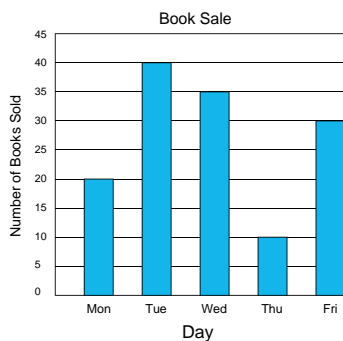
Page 2 Bar Graph 4

Average Temperatures	
Month	Temperature ⁰F
May	77
June	81
July	84
August	82
September	81

Average Monthly Temperatures
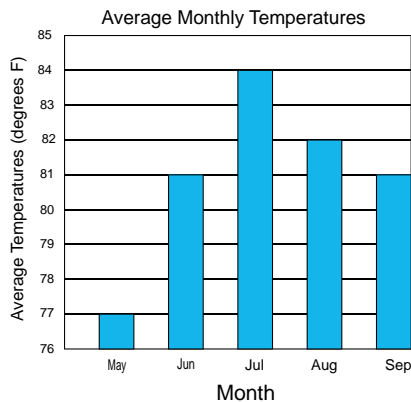
Page 3 Bar Graph 5

Favorite Sport	
Sport	**Number**
Baseball	6
Football	8
Soccer	7
Basketball	5
Track	3

Favorite Sport
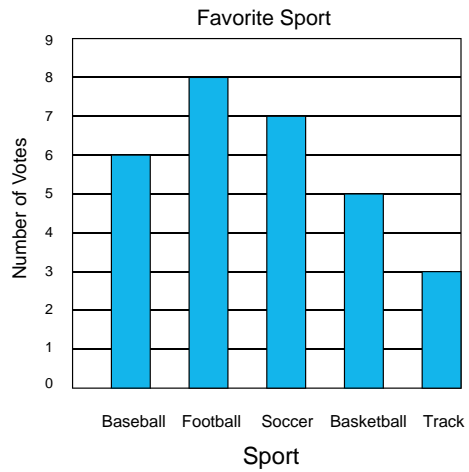
Page 3 Bar Graph 6

Points Scored	
Day	**Number**
Monday	30
Tuesday	40
Wednesday	25
Thursday	15
Friday	35

Points Scored