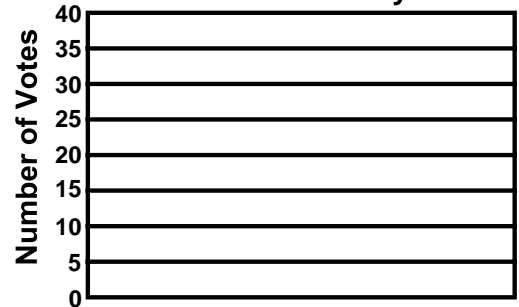


## Analyze and Graph Data Skill 5 - 8D

Test question 08D. Make a vertical bar graph.

**ANSWER**

**Favorite Hobby**



The data has a range from 5-40 so we use a scale of 0 - 40  
The scale has an interval of 5 which is good for this set of data.

Favorite Hobby	
Hobby	Number
Reading	40
Sewing	12
Pottery	35
Hiking	20
Knitting	5

1. Use the grid to make a vertical bar graph using the data in the table.

2. Write the title along the top of the grid.

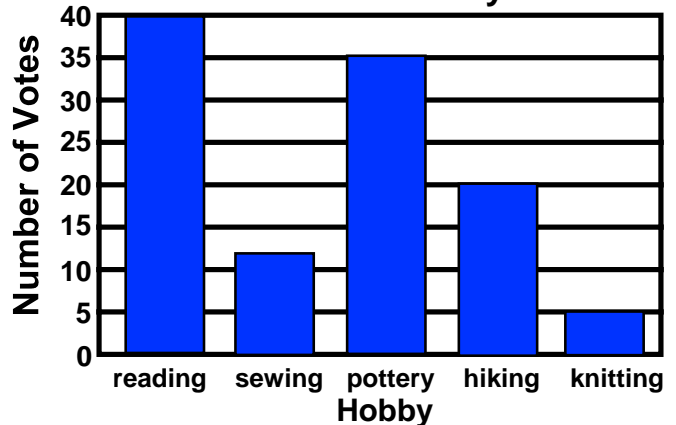
3. Write a scale using the appropriate interval along the vertical axis and label this section, "Number of Votes".

4. List each subject along the bottom of the graph (horizontal axis) and label this section, "Hobby".

5. Use the data in the table to draw a vertical bar for each subject. Color each bar.

**ANSWER**

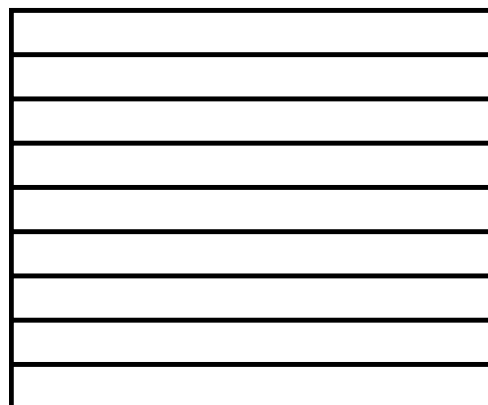
**Favorite Hobby**



hint; The data has a range from 25 to 90 so use a scale of 0 – 90.  
Use an interval of 10.

1. Use the data below to make a bar graph.

Points Scored	
Day	Points
Monday	30
Tuesday	90
Wednesday	25
Thursday	70
Friday	43



## Analyze and Graph Data

### Skill 5 - 8D

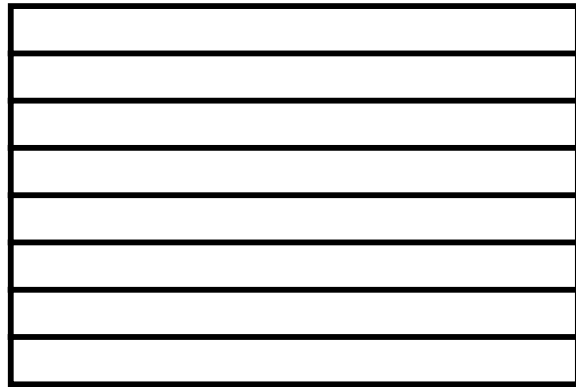
2. Use the data below to make a bar graph.

<b>Book Sales</b>	
<b>Day</b>	<b>Number Sold</b>
Monday	14
Tuesday	5
Wednesday	16
Thursday	12
Friday	6



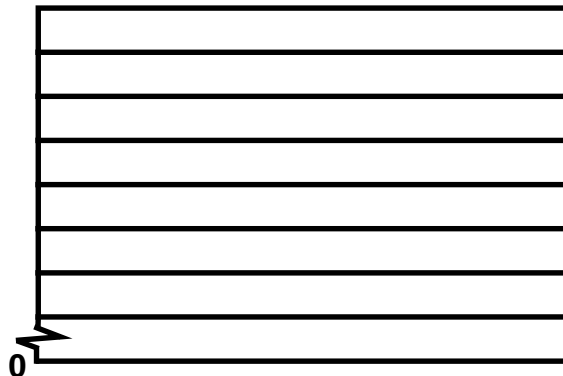
3. Use the data below to make a bar graph.

<b>Laps Swam</b>	
<b>Swimmer</b>	<b>Laps</b>
Kayla	70
Joey	40
Serena	80
Vijay	55
Marissa	15



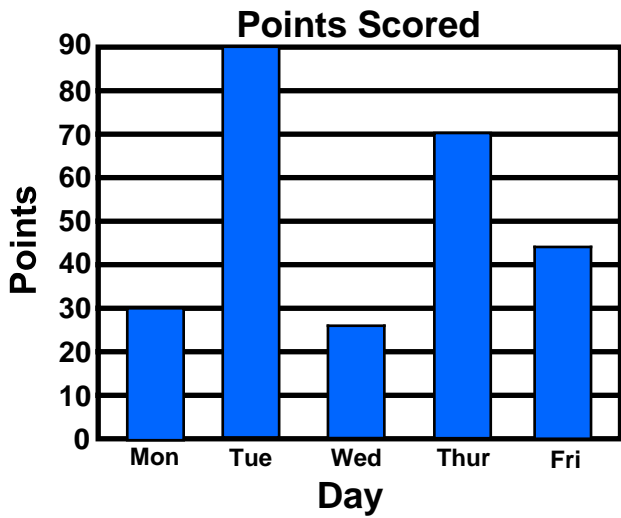
4. Use the data below to make a bar graph.

<b>Distance Thrown</b>	
<b>Athlete</b>	<b>Number of Feet</b>
Sean	63
Sandra	100
Pavil	40
Andrew	55
Alice	70

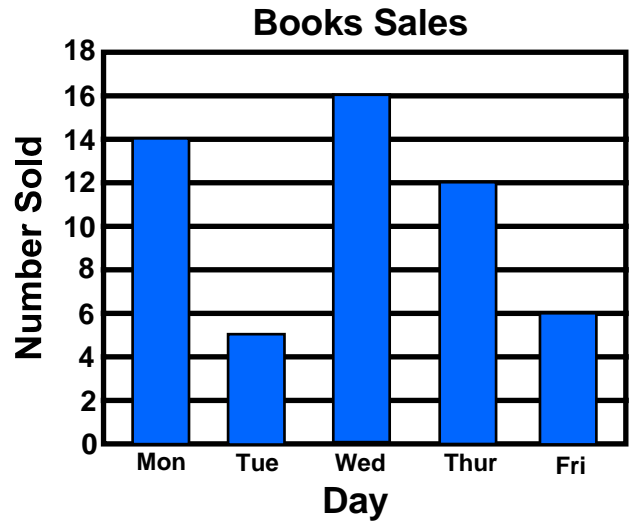


Answers for grade 5 skill 08D

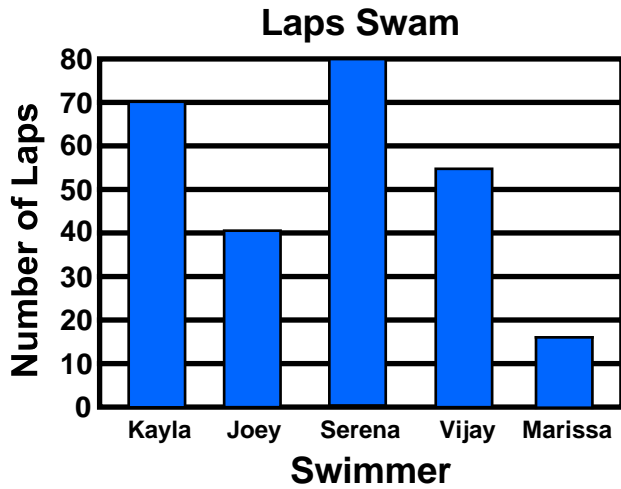
1.



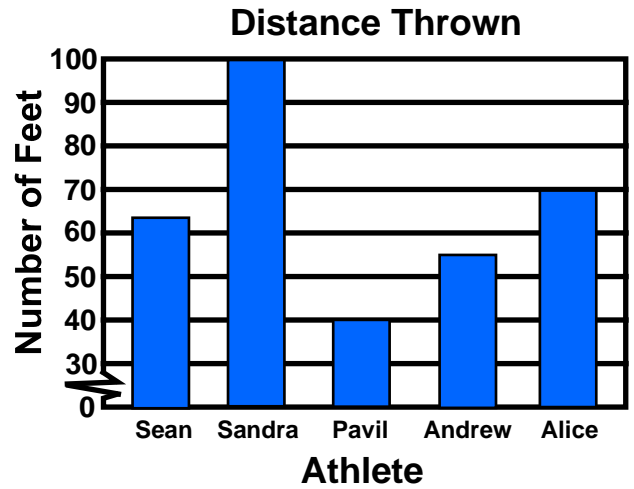
2.



3.



4.



The break or jagged line between 0 and 30 shows that there is no data between 0 and 30.