

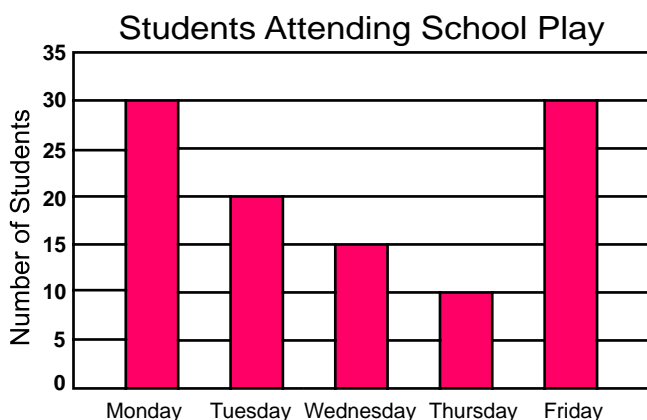
Problem Solving

Skill 3 - 3H

Using a Bar Graph to Solve a Problem

Directions: Read the paragraph and answer the questions below.

1. John is using a bar graph that shows attendance at the school play for last year. This will help John improve attendance this year. He will pass out a notice of the school play on the days that recorded attendance of 15 or less.



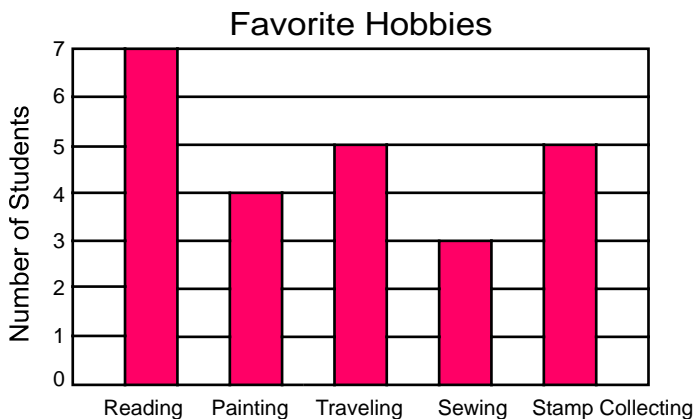
1. Which days did 15 or less people attend the school play?

2. Which days did 20 or more people attend the school play?

3. Which days did 30 people attend the school play?

4. How many fewer people attended on Thursday than Friday?

2. Rachel is using a bar graph that shows her classmates favorite hobbies. She wants to see which hobbies her friends like. Rachel likes to paint and wants to interest others in painting.



1. How many more students prefer reading than painting?

2. How many more students chose painting than sewing?

3. How many more students like traveling and sewing than painting?

4. How many students like reading and stamp collecting?

Name _____

Date _____

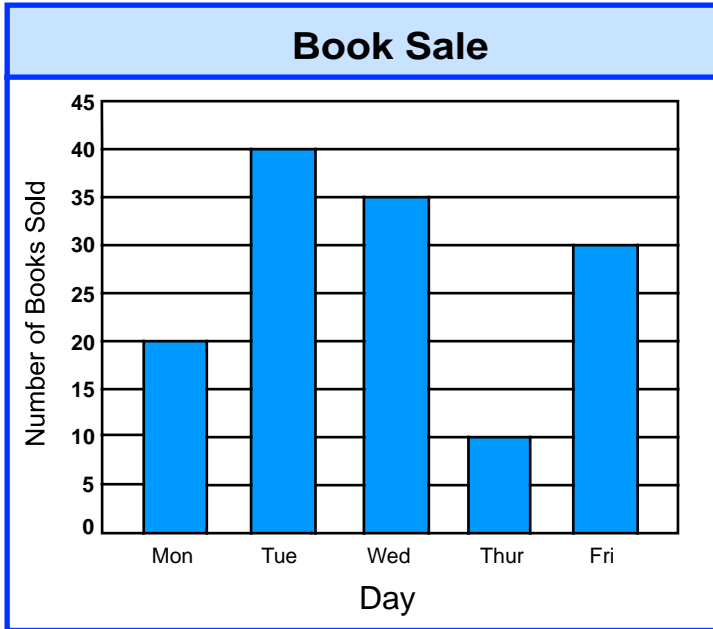
Problem Solving

Skill 3 - 3H

Using a Bar Graph to Solve a Problem

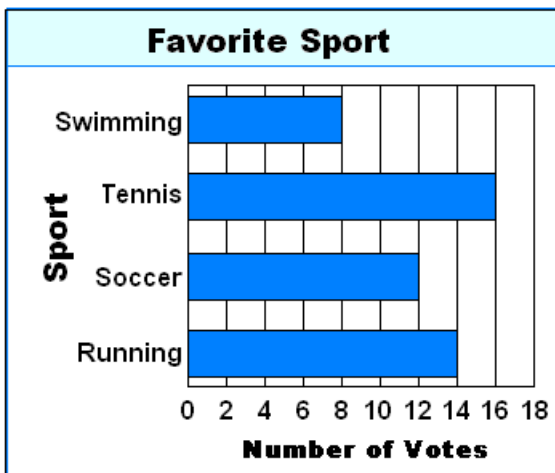
Directions: Read the paragraph and answer the questions below.

3. Mr. Johnson wants to know how many books sold each day of the book sale. He can use this bar graph to help sell more books next year.



1. Which days were 20 or less books sold?
2. The two best days for book sales were Tuesday and Wednesday. How many books were sold on these two days?
3. Which days were 30 or more books sold?
4. How many fewer books were sold on Thursday than on Tuesday?

4. Mr. Cole wants to know which sports his students like. He took a class survey. Each student voted for their favorite sport. He made this horizontal bar graph. He is using the bar graph to help him decide how many of each type of sports equipment he should buy.



1. How many more students prefer tennis than soccer?
2. Which sport received the least number of votes?
3. Which sport received the greatest number of votes?
4. How many students like tennis and soccer?

Answer Key
Skill 3 - 3H

1. Wednesday and Thursday
2. Monday, Tuesday and Friday
3. Monday and Friday
4. $30 - 10 = 20$ 20 fewer people attended on Thursday than on Friday.

Graph 2 (page 1)

1. $7 - 4 = 3$ 3 more students prefer reading than painting
2. $4 - 3 = 1$ 1 more student chose painting than sewing
3. 5 students like traveling.
3 students like sewing
 $5 + 3 = 8$
8 students altogether like traveling and sewing

4 students like painting

 $8 - 4 = 4$ 4 more students like traveling and sewing than painting
4. $7 + 5 = 12$

Page 2 Graph 3

1. Monday and Thursday
2. $40 + 35 = 75$ 75 books were sold on Tuesday and Wednesday
3. Tuesday, Wednesday and Friday
4. $40 - 10 = 30$ 30 fewer books were sold on Thursday than on Tuesday

Graph 4 (page 2)

1. $16 - 12 = 4$ 4 more students prefer tennis than soccer
2. swimming
3. tennis
4. $16 + 12 = 28$ 28 students altogether like tennis and soccer