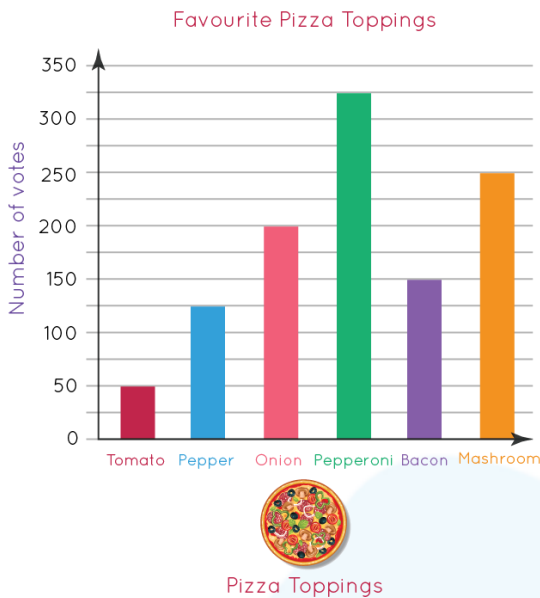
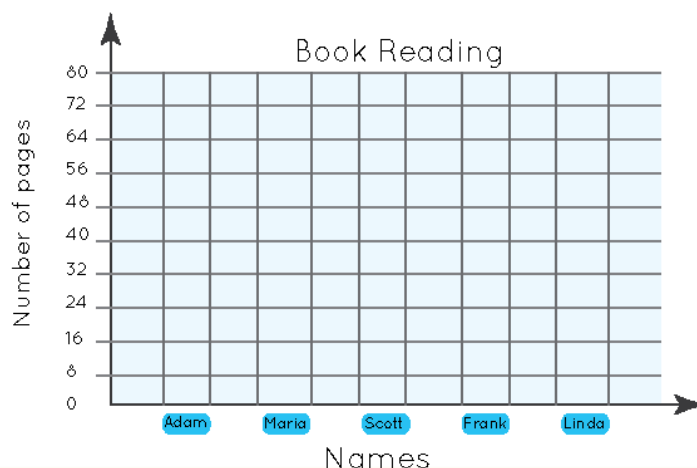
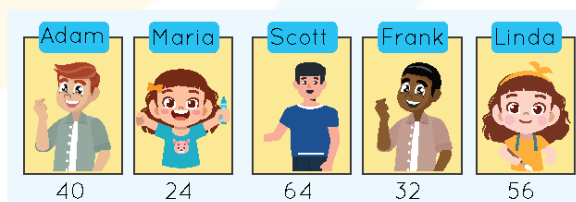


Bar Graph Worksheet

- 1) In a survey about customers' favorite toppings, the results were recorded in the form of the bar graph. Use the bar graph to answer the given questions.






- Which is the most popular topping? _____
 - Which topping has 250 votes? _____
- 2) Adam, Maria, Scott, Frank and Linda walk through the library and grab books. The data shows the number of pages read by each of them. Represent the data in a bar graph.



3) 20 students were surveyed about their favorite school club. The results are shown below:



= 1 student

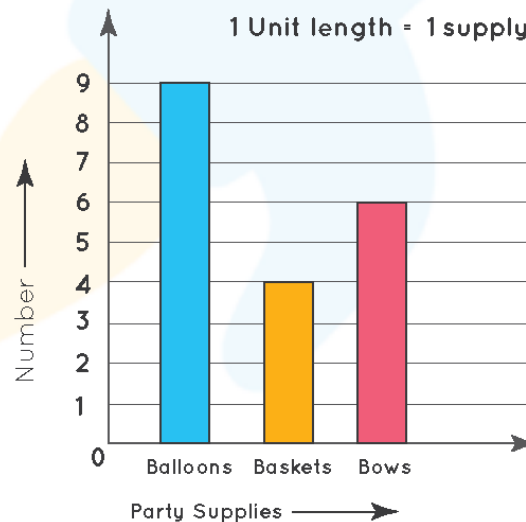
Clubs	Number of students
Drama	
Robotics	
Math	

Draw a bar graph to represent the above data.

4) State true/false.

Bar graphs are the pictorial representation of grouped data and are also referred to as bar charts. _____

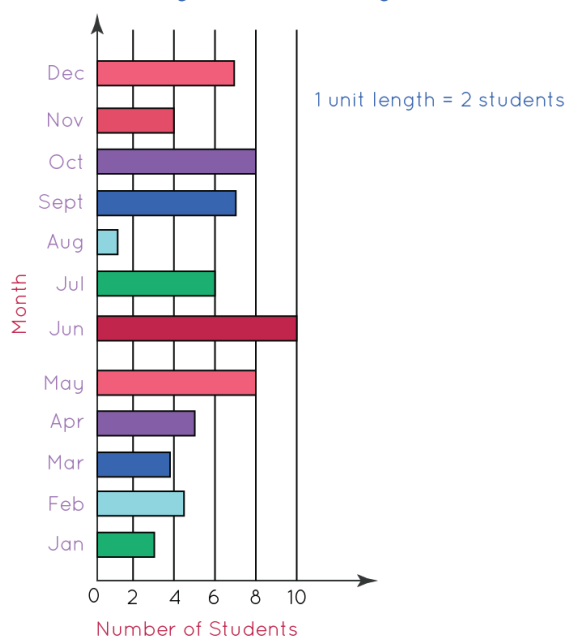
5) Sylvia went shopping and bought party balloons, bows and baskets for a party at home. The bar graph given below represents the party supplies she bought.



- How many balloons did she buy? _____
- Are the number of baskets greater than the number of bows? _____

6) Look at the following bar graph.

Birthday of Students by Month



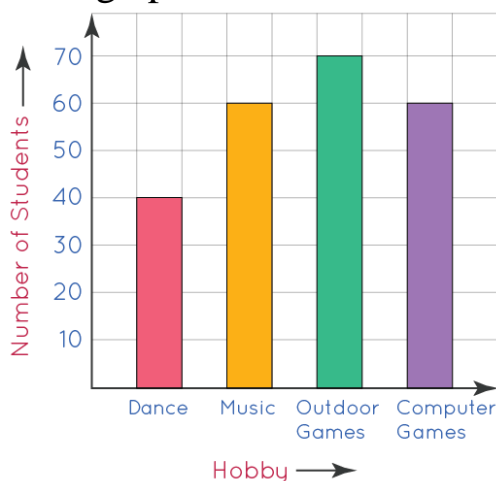
The above bar graph is an example of which type of bar graph?

- Horizontal Bar Graph
- Vertical Bar Graph

7) Use the frequency table to draw a bar graph.

Type of food	Number of people
Italian	30
Indian	50
Mexican	40

8) Students of grade 3 were asked about their hobbies. Look at the bar graph and answer.



- a. Which hobby is the least popular? _____
- b. How many students like outdoor games as a hobby? _____

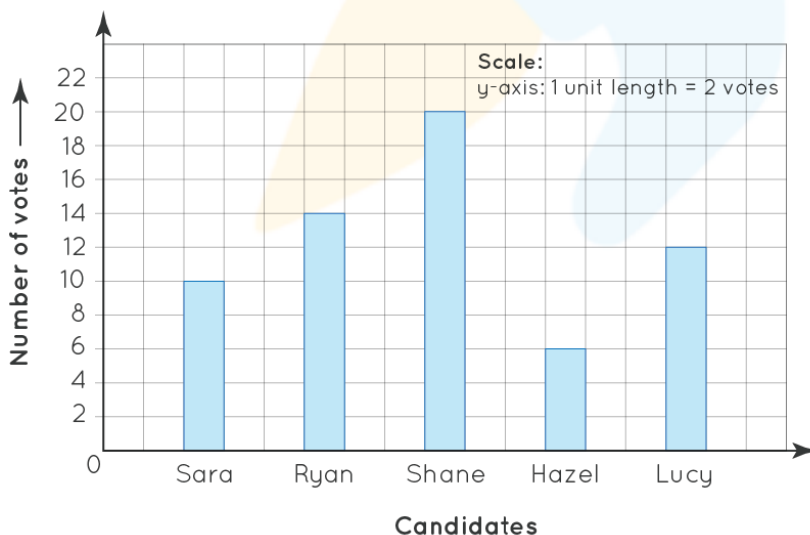
9) The number of cars manufactured by a factory for five consecutive weeks is shown below:

Week	Number of cars
First	600
Second	800
Third	700
Fourth	300
Fifth	900

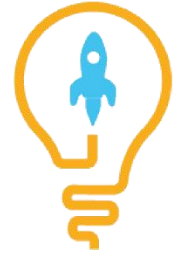
- a. Draw a bar graph to represent the data.
- b. How many cars were manufactured on week third? _____

10) All students of Class 5 voted for selecting their class monitor. There were five candidates. All the students cast one vote each. The bar graph shows the results.

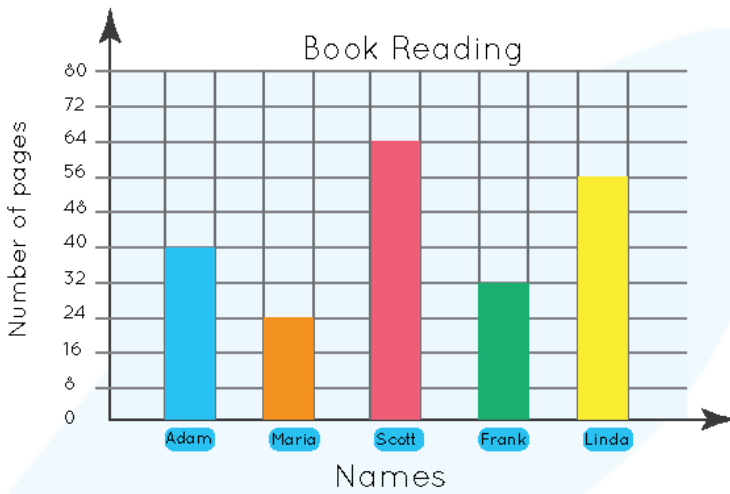
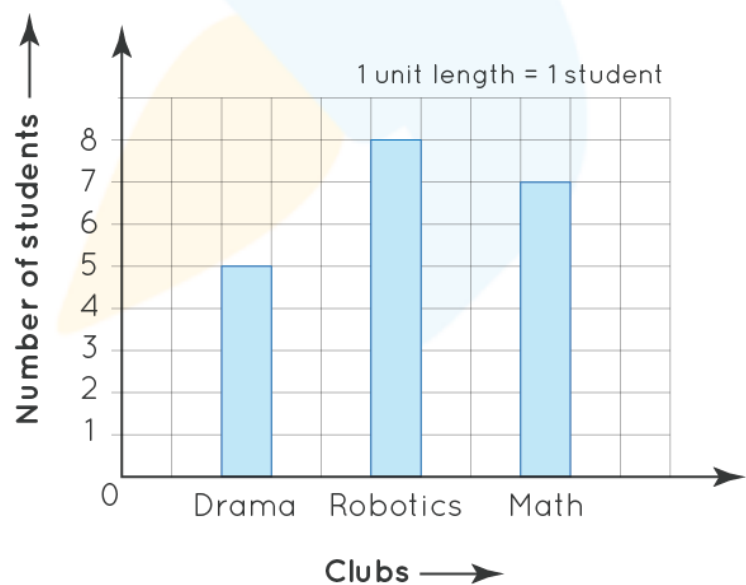
Votes received by each candidate

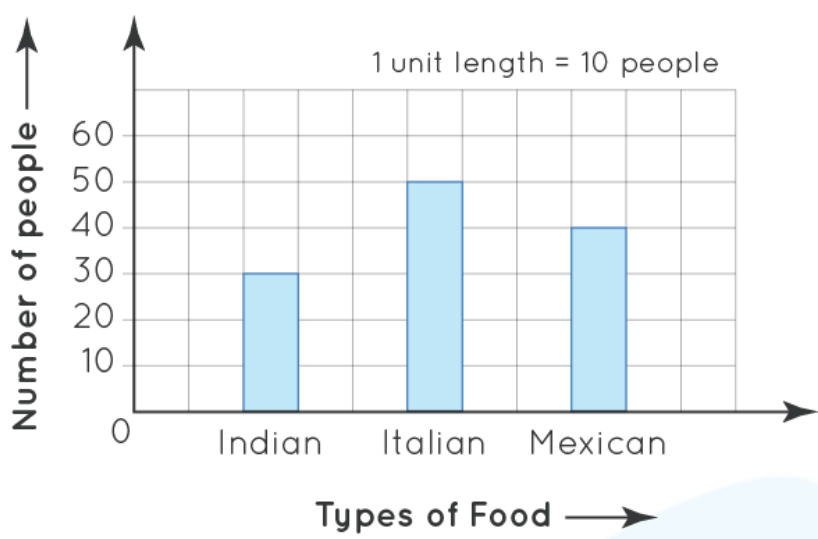
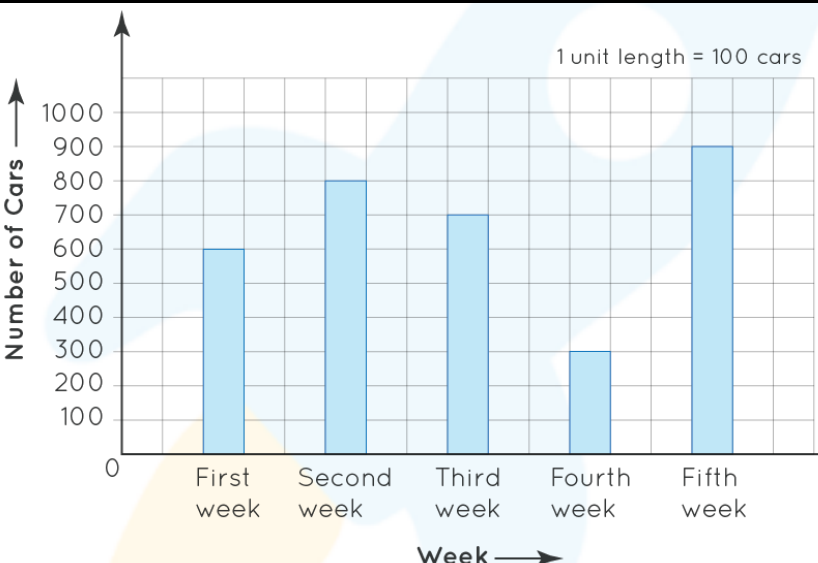


Who received the maximum number of votes? _____



ANSWERS

1)	a. Pepperoni b. Mushroom												
2)	<p style="text-align: center;">Book Reading</p>  <table border="1"> <caption>Book Reading Data</caption> <thead> <tr> <th>Name</th> <th>Number of pages</th> </tr> </thead> <tbody> <tr> <td>Adam</td> <td>40</td> </tr> <tr> <td>Maria</td> <td>24</td> </tr> <tr> <td>Scott</td> <td>64</td> </tr> <tr> <td>Frank</td> <td>32</td> </tr> <tr> <td>Linda</td> <td>56</td> </tr> </tbody> </table>	Name	Number of pages	Adam	40	Maria	24	Scott	64	Frank	32	Linda	56
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Clubs	Number of students												
Drama	5												
Robotics	8												
Math	7												
4)	True												
5)	a. 9 b. No												
6)	b.												

7)	 <p>1 unit length = 10 people</p> <table border="1"> <thead> <tr> <th>Types of Food</th> <th>Number of people</th> </tr> </thead> <tbody> <tr> <td>Indian</td> <td>30</td> </tr> <tr> <td>Italian</td> <td>50</td> </tr> <tr> <td>Mexican</td> <td>40</td> </tr> </tbody> </table>	Types of Food	Number of people	Indian	30	Italian	50	Mexican	40				
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8)	<p>a. Dance</p> <p>b. 70</p>												
9)	 <p>1 unit length = 100 cars</p> <table border="1"> <thead> <tr> <th>Week</th> <th>Number of Cars</th> </tr> </thead> <tbody> <tr> <td>First week</td> <td>600</td> </tr> <tr> <td>Second week</td> <td>800</td> </tr> <tr> <td>Third week</td> <td>700</td> </tr> <tr> <td>Fourth week</td> <td>300</td> </tr> <tr> <td>Fifth week</td> <td>900</td> </tr> </tbody> </table>	Week	Number of Cars	First week	600	Second week	800	Third week	700	Fourth week	300	Fifth week	900
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FUN FACT

1. Bar graphs help to represent the data using rectangular bars, aiding better visualization.
2. Bar graph is a specific way of representing data using rectangular bars where the length of each bar is proportional to the value they represent.
3. Bar graphs are the pictorial representation of grouped data and are also referred to as bar charts.

