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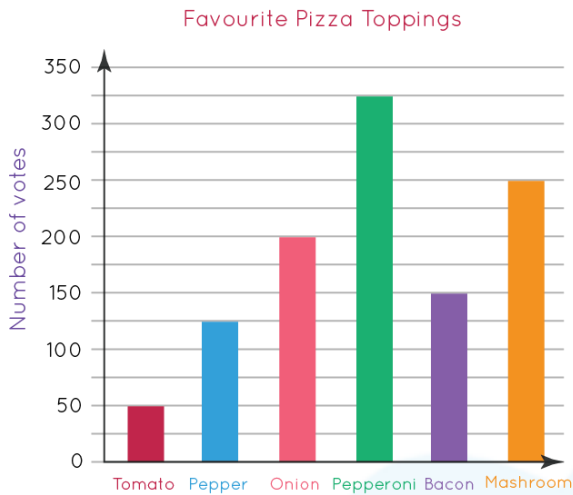
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Bar Graph Worksheet 3rd Grade

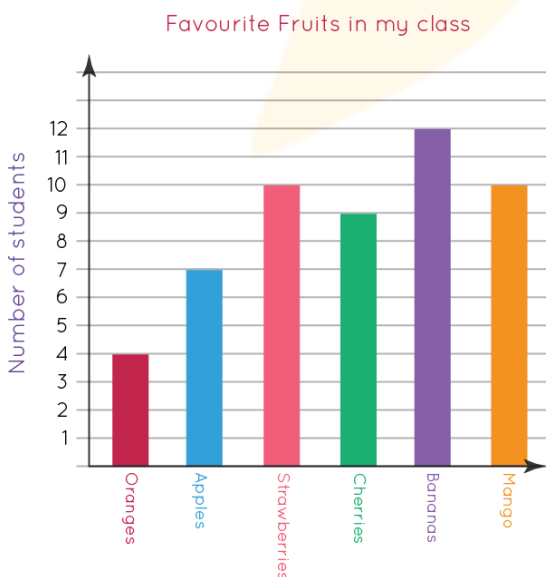
- 1) In a survey about customers' favorite toppings, the results were recorded in the form of the bar graph. Use the bar graph to answer the given questions.



Pizza Toppings

- (a) Which is the most popular topping? _____
 (b) Which topping has 250 votes? _____


- 2) Read the data in the bar graph and answer:






Favorite Fruit

- (a) How many students like oranges? _____
 (b) How many students like apples? _____

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. _____

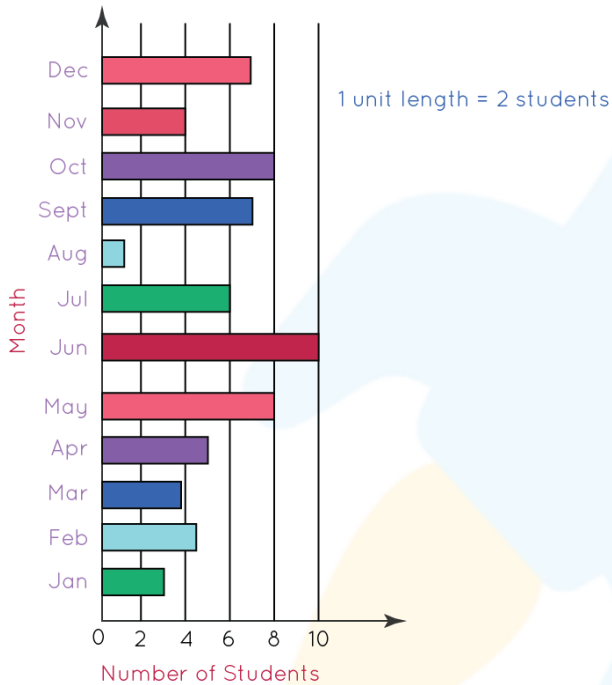
5) Liza went to the market to buy different types of fruits. She then wants to display the data in a way that she can visually understand which type of fruits she buys the most.



Represent the data using a bar graph and find the most bought fruit.

6) Look at the following bar graph.

Birthday of Students by Month

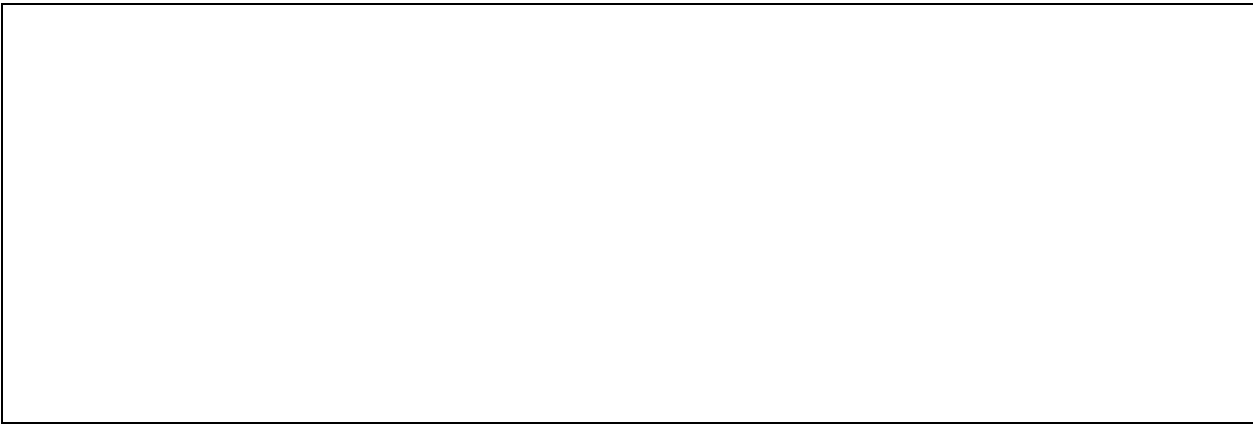


The above bar graph is an example of which type of bar graph?

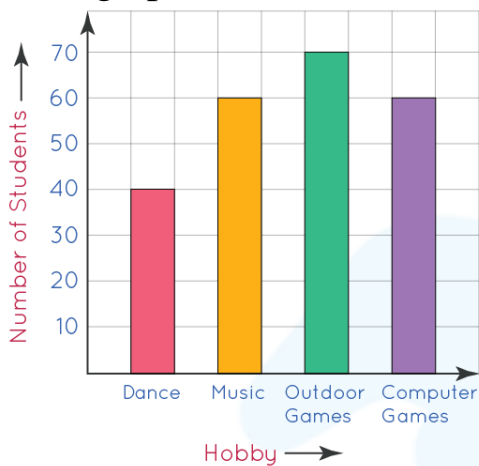
- (a) Horizontal Bar Graph
- (b) Vertical Bar Graph

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	850
Third	700
Fourth	300
Fifth	900

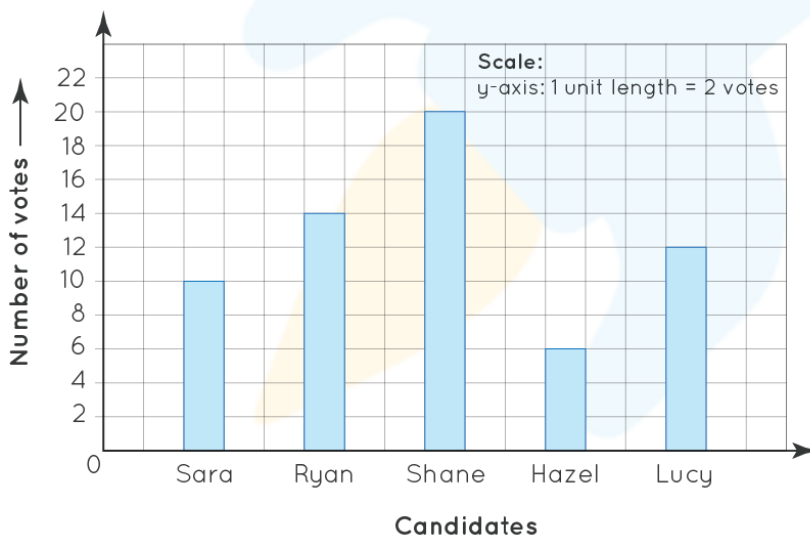
(a) Draw a bar graph to represent the data.



(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? _____

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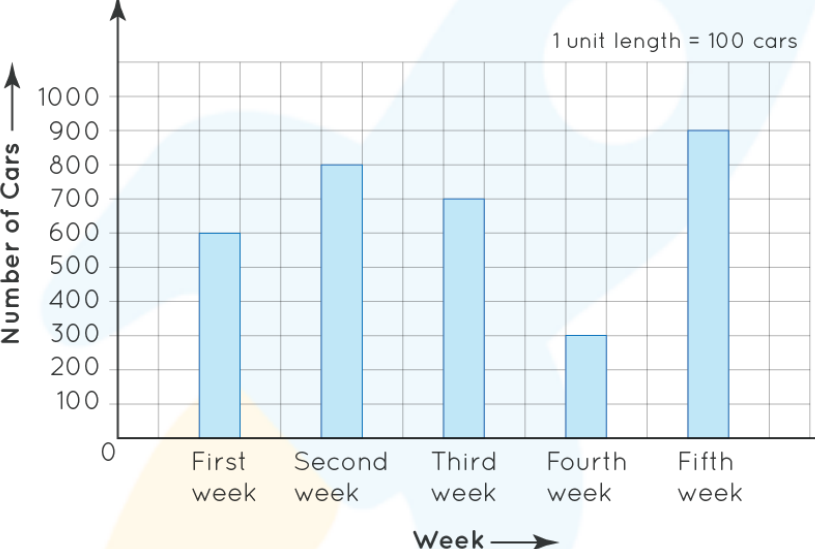
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ANSWERS

1)	(a) Pepperoni (b) Mushroom												
2)	(a) 4 (b) 7												
3)	<p>Number of students</p> <p>1 unit length = 1 student</p> <p>Clubs</p> <table border="1"> <thead> <tr> <th>Club</th> <th>Number of students</th> </tr> </thead> <tbody> <tr> <td>Drama</td> <td>5</td> </tr> <tr> <td>Robotics</td> <td>8</td> </tr> <tr> <td>Math</td> <td>7</td> </tr> </tbody> </table>	Club	Number of students	Drama	5	Robotics	8	Math	7				
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Drama	5												
Robotics	8												
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4)	True												
5)	<p>Most bought fruit</p> <p>Number of Fruits</p> <p>Types of fruits</p> <table border="1"> <thead> <tr> <th>Type of fruit</th> <th>Number of Fruits</th> </tr> </thead> <tbody> <tr> <td>Apples</td> <td>5</td> </tr> <tr> <td>Mangoes</td> <td>3</td> </tr> <tr> <td>Watermelons</td> <td>2</td> </tr> <tr> <td>Strawberries</td> <td>3</td> </tr> <tr> <td>Oranges</td> <td>6</td> </tr> </tbody> </table>	Type of fruit	Number of Fruits	Apples	5	Mangoes	3	Watermelons	2	Strawberries	3	Oranges	6
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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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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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10)	Shane												

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.

