

Skills Bank

LESSON

- 1**
- This pictograph shows the number of students that ride each bus.
 - Which bus has the most students? Which bus has the fewest students?
 - Make a chart to show how many students ride each bus.
 - Make a new chart to show how many students will be on each bus after these changes:
 - 1 student from bus 4 moves to bus 1.
 - 2 students from bus 2 move to bus 3.
 - Make a new pictograph to show the data from part c). Use a different scale.

Students Who Ride the Bus



Each 😊 means 10 riders.

- 2**
- This table shows the cost of some food items at a restaurant in 1950.
 - Make a bar graph to show the data. Choose an appropriate scale.
 - Write 3 things the graph shows about the cost of the foods.

Cost of Some Foods in 1950

Food item	Cost
hamburger	45¢
soup	25¢
milk	15¢
cheese sandwich	40¢
banana split	60¢
apple pie	30¢

- 3**
- Find each value using the pictograph in Question 1.
 - the least number of students in a bus
 - the greatest number of students in a bus
 - the range of students riding the buses
 - Find the least price, the greatest price, and the range of prices for the data in the table in Question 2.

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5. This list shows the ages of 48 customers at a restaurant.

- a) What is the range of the data?
b) Organize the data in a table like this.

Customer Ages					
2	5	6	7	7	8
11	15	16	16	16	19
20	21	21	21	21	23
24	27	28	29	29	30
31	32	32	35	36	36
37	37	37	38	41	45
46	48	50	51	51	52
54	56	60	62	73	81

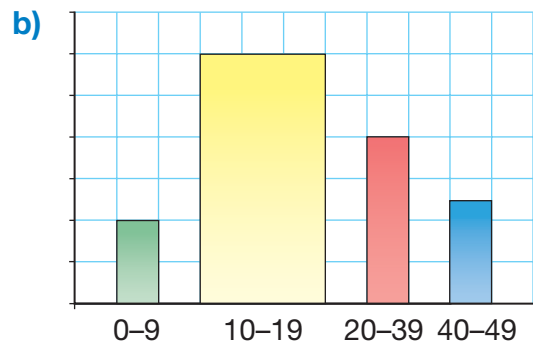
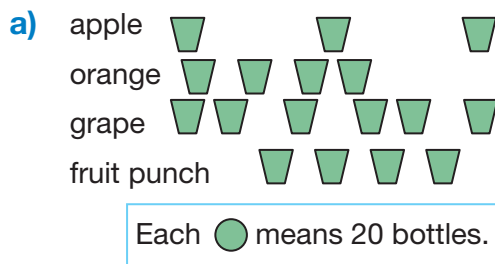
Age of customer	Number of customers
1–10	
11–20	
21–30	
31–40	
41–50	
51–60	
61–70	
71–80	
81–90	

- c) Make a bar graph to show the data from your table.
d) Write at least 1 question you could answer using your graph from part c).

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6. Describe the mistakes on each graph.

Use words such as title, axis, label, scale, and legend.



7. Match each feature of a graph with its purpose.

- | | |
|-----------|--|
| a) title | V. tells what the colours or symbols mean |
| b) axis | W. tells what the graph is about |
| c) scale | X. tells the value of each pictograph symbol |
| d) legend | Y. tells what each bar represents |
| e) label | Z. where you show the scale on a bar graph |