

Ch 14: SMARTCHARTS

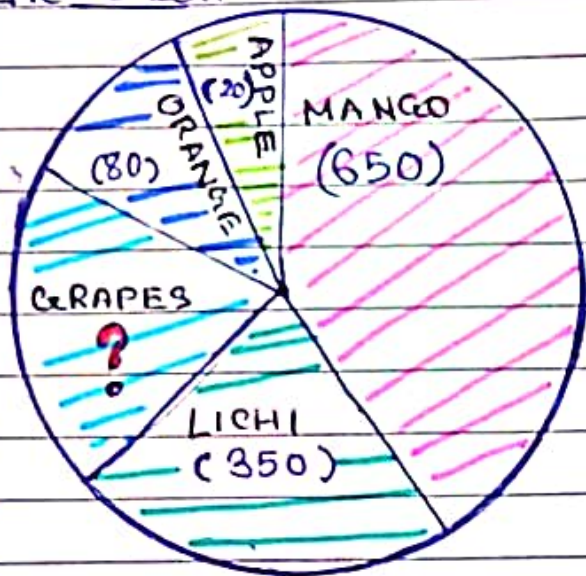
Pictograph - Pictographs use pictures and symbols to represent information.

Bar graph - A bar graph is a graphical display of data using bars of different heights.

Pie chart - A pie chart is a type of graph representing data in a circular form, with each slice of the circle representing a fraction or proportionate part of the whole.

→ All slices or parts add up to make the whole equaling 100% and 360° .

Pie-chart



In a school there are 1200 students who expressed their choices of Fruits.

- What is the name of the above chart?
- How many students like Grapes?
- Which is the most favourite subject?
- What is the difference between most liked and second most liked fruit?

DISCUSSION

- Pie-chart
- Total no. of students = 1200
 No. of students who like Grapes are = $1200 - (650 + 350 + 80 + 20)$
 $= 1200 - 1100 = 100$
- Mango
- Most liked fruit = 650
 Second most liked fruit = 350
 $\therefore$ Difference = 300