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Percentage Sub divided Bar Diagram :- Percentage sub divided bar diagrams are the diagrams which show simultaneously the different parts of values of set of data in terms of percentage. In this, total value i.e. the length of a bar is taken to be equal to 100. These parts may be shaded differently or with different colors. See eg 9

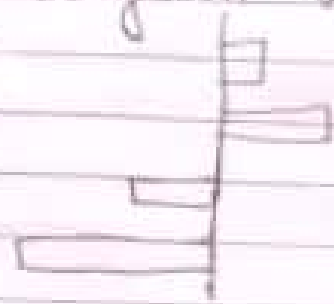
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Duo-directional or Bilateral Bar Diagrams

These diagrams are drawn to represent two different attributes. The bars can have both +ve and -ve values. Positive values are shown above and -ve values are shown below the base line. See eg 10, eg 11

Duo → up & down

Note we can make diagram vertically or horizontally



Both are same things

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- (c) Sliding-Bar Diagrams These diagrams are like Two-Directional diagrams. In these type of diagrams, the length of a bar is taken to be 100. On one side of base line the percentage of one part is shown and on other side of base line the percentage of other part is shown see fig 12

PIE CHARTS In these the total quantity is distributed over one complete circle of 360 degrees. This angle 360 is divided into a number of small angles whose degrees will be proportional to the values of component.

Method to Draw a Pie chart

- (1) find fraction by dividing the value of each element by total (sum) of values of all elements
- (2) multiply this fraction by 360
- (3) Draw a circle and then draw angles obtained in step (2) at center of circle (use protractor)
- (4) Different part of circle may be shaded differently or with different colours & also labeled

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Highlight the different values of 12-15