

Introduction to Graphs: Worksheet -1

1. In pictograms, items of the data are represented by _ _ _ _ _
2. In a pictogram 100 values is represented by 2 figures. The number of figures required to represent 250 units is _ _ _ _ _
3. There are 10 values in the data. In the bar diagram representing this data, the number of bars is _ _ _ _ _
4. In a bar diagram 22 units is represented by a bar of length 4.4 cm. The scale is 1 cm = _ _ _ _ _ units.
5. The shape of a pie diagram is _ _ _ _ _
6. In a pie diagram, the value of the item is proportional to the _ _ _ _ _ of the sector it represents.
7. The widths of all the bars in a bar diagram are _ _ _ _ _
8. A bar graph is drawn to the scale 1 cm = 10 units. If the length of the bar is 4.5 cm, the value of the quantity represented by it is _ _ _ _ _
9. A student got 40 marks in English, 70 in mathematics, 50 in science and 20 in social studies. This is represented as a pie diagram. The angle of sector representing mathematics is _ _ _ _ _
10. A pie diagram contains 3 sectors whose angles are in the ratio 1 : 2 : 3. The angle of the smallest sector is _ _ _ _ _
11. A bar graph is drawn to the scale 1 cm = 5 units. The length of bar representing a quantity of 52 units is _ _ _ _ _
12. A bar graph is drawn to the scale 1 cm = 10 units. If the length of the bar representing a quantity is 4.3 cm, the value of the quantity is _ _ _ _ _
13. The information collected is called _ _ _ _ _

