

Presentation of Data:

- Stem and Leaf
 - Frequency Distribution (F.D)
 - Commulative F.D
 - Percentage F.D
 - Graphs
 - Histogram
 - Frequency Polygon
 - Frequency Curve
 - Time series plot
- Tabular Method

Frequency Distribution:

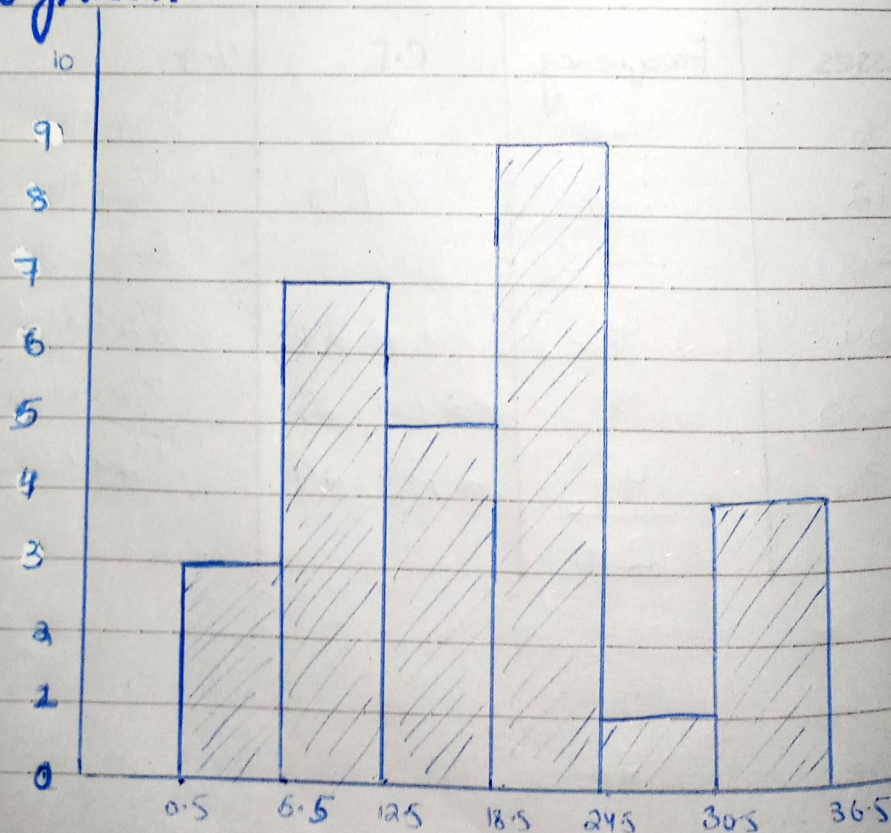
Classes	Frequency	C.F	% F
1-6	3	3	$\frac{3}{29} \times 100$
7-12	7	$3+7=10$	$\frac{7}{29} \times 100$
13-18	5	$10+5=15$	$\frac{5}{29} \times 100$
19-24	9	$15+9=24$	$\frac{9}{29} \times 100$
25-30	1	$24+1=25$	$\frac{1}{29} \times 100$
31-36	4	$25+4=29$	$\frac{4}{29} \times 100$
	<u>29</u>		

Graphs:

Histogram \rightarrow $\left\{ \begin{array}{l} \text{F.D with class boundaries} \\ \text{Plot frequency against C.B.} \end{array} \right.$

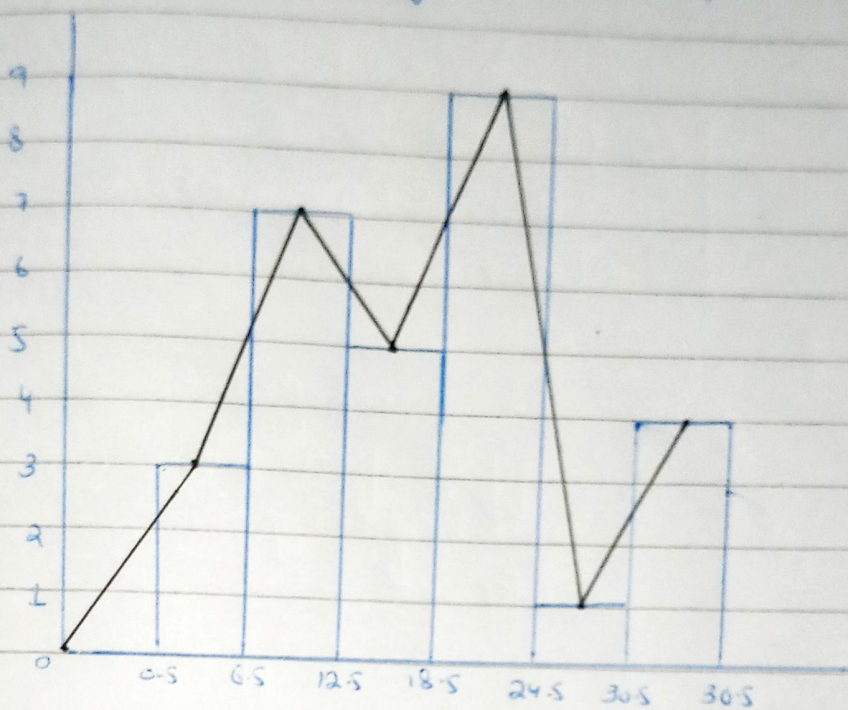
Classes	Frequency	C.B	X
1-6	3	0.5-6.5	3.5
7-12	7	6.5-12.5	9.5
13-18	5	12.5-18.5	15.5
19-24	9	18.5-24.5	21.5
25-30	1	24.5-30.5	27.5
31-36	4	30.5-36.5	33.5

Histogram:



Frequency Polygon:

→ Histogram or midpoint (x)



Frequency Curve:

→ Frequency polygon or histogram

