DATA ANALYSIS I TYR A
PARTIAL M, APRIL 2015



4	1	X	fix:	F.
1-5	12	3	6	2
6-10	7	_ 8	56	19
→ 11-15	(8)	13	104	(IF)
16-20	3		54	20
Armen and a second	n= 20	and the second s		

a)
$$\bar{\chi} = \frac{\sum 1 |X|}{n} = \frac{220}{20} = 11$$

b)
$$Mdn = Li + \frac{1}{li} \left(\frac{n}{2} - Fi \right) = 10.5 + \frac{5}{8} \left(10 - 9 \right) = 10.5 + 0.625 = 11.125$$

$$\frac{n}{2} = \frac{20}{2} = 10$$

d) bur chart or will ative ber chart

e) As =
$$\frac{\dot{x}-m_0}{S_x} = \frac{4-4}{2} = 0$$
 Symmetric

1)
$$k_1 = \frac{\sum_{i=1}^{n}(x_i - \bar{x})^{\frac{n}{n}}}{S_{x}^{\frac{n}{n}}} - 3 = \frac{7108/250}{2^{\frac{n}{n}}} - 3 = \frac{28.432}{16} - 3 = 1.78 - 3 = -1.22$$
 $k_1 \le 0 \implies \text{Platikurtic}$

2	1 4:	8 Z.fi	Fi
-1.15	3	-3.45	3
-0.5	(4)	-0.5.X	7
0.15	2	0.3	9
0.8	1	0.8	10
1.45	3	74.35	13
2000	N=13	5:0	
	/		

$$82 + 0.5 \times = 0$$

 $4 = 0.5 \times$
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pecal participants area. Students in nursery and ay have had lonch.

rightly for all sudents to

make it impossible to go below for authorisation of

THE WAY INVESTIGATION AND

$$\frac{i(n+1)}{K} = \frac{80(13+1)}{100} = 11.2$$

$$\frac{i(n+1)}{K} = \frac{11.20}{100} = 11.2$$