Here
$$D = 8$$
, so $ll = \frac{9+7+11+13+2+4+5+5}{8} = \frac{56}{8} = 7$

$$le = \frac{2 \cdot 2 + 10 \cdot 2 + 14 \cdot 7 + 5 \cdot 9 + 4 \cdot 9 + 11 \cdot 1 + 10 \cdot 5}{7}$$

$$= \frac{59}{7} \cdot \frac{59 \cdot 5}{7}$$

(c)
$$1^{1/4}$$
, $2^{1/2}$, $5^{1/2}$ $3^{1/4}$, $2^{1/2}$ [guiproper frontion]

 $1+\frac{1}{4}$, $2+\frac{1}{2}$, $6+\frac{1}{2}$, $3+\frac{1}{4}$, $2+\frac{1}{2}$
 $5/4$, $5/2$, $11/2$, $13/4$, $5/2$

$$5/4, 5/2, 11/2, 13/4, 5/2$$

$$1 = \frac{5}{4} + \frac{5}{2} + \frac{11}{4} + \frac{13}{4} + \frac{5}{2}$$

$$1 = \frac{5}{4} + \frac{5}{2} + \frac{11}{4} + \frac{13}{4} + \frac{5}{2}$$

(2) Find the mean of first 10 tibonación numbers
Are Cient 10 unimber 2:
0, 1, 1, 2, 3, 5, 8, 13, 21, 34
mean = 0+1+1+2+3+548+13+21+341
[et = 1.8.8]
(3) Find the mean & median of that I prime Number
Ars First 5 prime Number > 2,3,5,7,1100
(No congreates than i a cannot be wanten as product of 2 smaller No.)
mean $U = \frac{2+3+5+7+11}{5} = \frac{2}{5.6}$
median is = 5 $\frac{n+1}{2}$ th number is median 7
(4) The mean of 8,11,6,14, x & 13 is 66.
(4) The mean of o, 11,6, 11, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1
Find the value of the
$\frac{4}{66} = \frac{8+11+6+14+x+13}{6}$
66x6= 52*X
x = 3uy
그 생활하다 그 그 그 그 그 이 전투 하는 것이 되었다. 그는 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그

(B) the mean of 6,8, 2+2,10, 2x-1, & 2 is 9. Find X. 9 = 6+8+12+2+10+212-1+2 54 = 27 + 321 7 = 31 [x = 9] 6, 8, 11, 10, 17, 2it is see and the formation of the proof of the chart and (6) Find the mean of following distribution (a) The age of 20 boys in a locality is given Age in years 12 10 15 14 8 No. of boys 5 3 2 6 4

mean = 12x5 + 10x3 + 15x2 + 14x6 +8x4 $= \frac{236}{20} = 11.8$

(b) marks obtained by 40 students in an exam

(b) monks op below Mostes 25 30 15 20 24

No. of sta 8 12 10

25x 8 + 30x12 + 15x10 + 20x6 +24x4 mean = 40

(7) Find the mode of the tollowing data (9) 12, 8, 4,8, 1,8, 9,11,9,10,12,8 Dorage - 1, 4, 8, 8, 8, 8, 8, 9, 9, 10, 11, 12, 12 mode il 3

(9) The following observations are arranged in ascerdin order. The median of the duty is as Find the X.

17, x, 24, x+7, 35,36,46 17, x, 24, x+7, 35,36,46

A STAR OF THE PROPERTY OF THE PROPERTY OF THE PARTY OF TH

median is above series = = x+7 = 25

x = 25-7 . (11)

so seaves is = 17, 18, 24, 25, 35,36,46

(9) 90 the above problem, how would you approach if the no are not in ascender order what are possible value of x then

21 711

- 10. In which of these situation would you use the mode to measure the central tendency of the data
 - day for 2 weeks and wants to know the temperature of 9 i typical day.
 - (b) Would you we the mean in all of these situation,
 - (c) fullang measure the neight of all the Birst on her scocker team a wants to know the tupical height of society player.
 - identity their favoirte colors and wants to know which color is the most common.

Any (a) + mean

(b) 7 NO

(c) 4 median

(4) = mode (most common)