Assignment - 2 Arewere to the question no 1

According to the question

The data set is about 200 people.

so person gets 1888 per lour.

50 h h \$2415 h h

100 n n \$29 h, n

so, weighted mean = (8×50) + (15×50) + (24×50)

200 + 750 + 1200 200

200 200

2 6.75 CI AMERICA

comment: The aweighted mean hounty wage is \$6.75.

Answor to the Bustion no 2

The profit percent increase in salse son the MGE corporation over the last & years as bollows:

Increment	Acomulated value
9.49	109.4
13.8%	113.8
11.9%	111.7
19.7%	111.9
	114.7

So, Geometrie Mean = (109.4× 113.8× 111.7× 111.9×119.7)3

= 112,28

Comment: On average the companies salses has increased 12.28% in those reported years.

Auswen to the question no 8

According to the quetions

Pn = 752,000,000

P. = 720,000

7 = 15

So, the geometrie mean 2 752000000 15 -1

= 1.59 -1 = 59%

Comment: On average the person, has get , 59%.

cell phone subscriver

Assumen to the question no 4

Apithmetic mean = 16+10+49+15+6+15+8+19+11+22+13+17

= 15.92

n= 12

6,8,10,11,13,15,15,16,17,19,22,49

50,
The meadian is the C.5 th value which is 15,

The mode is 15.

(b)

From the measures median, mode & Arithmetic mean, Jon this calculation I would say Arithmetic mean is the best mesurement. Because only in this mesurement we are counting all values, even though the extrime value is absenting the nesult but for considering other mesurements, where only sew value is considered.

Auswer to the avertion no q

From the data,

Buartiles one =
$$\frac{21 \times 25}{100}$$
 th

= 5.25th value

Which is 115,

= 15.75 th value

(125

Percentile 17 =
$$\left(\frac{21 \times 17}{100}\right) = 3.757 \text{ th} \text{ value}$$

which is

which is 148.05,