



NOMBRE DEL ALUMNO: Omar Emanuel López
Reyes

NOMBRE DEL PROFESOR: MAGNER JOEL
HERRERA ORDOÑEZ

LICENCIATURA: Enfermería

MATERIA: Bioestadística

CUATRIMESTRE Y MODALIDAD: 4to
cuatrimestre, escolarizado

NOMBRE Y TEMA DEL TRABAJO:
Ejercicios

Frontera Comalapa, Chiapas a 23 de septiembre de 2020.

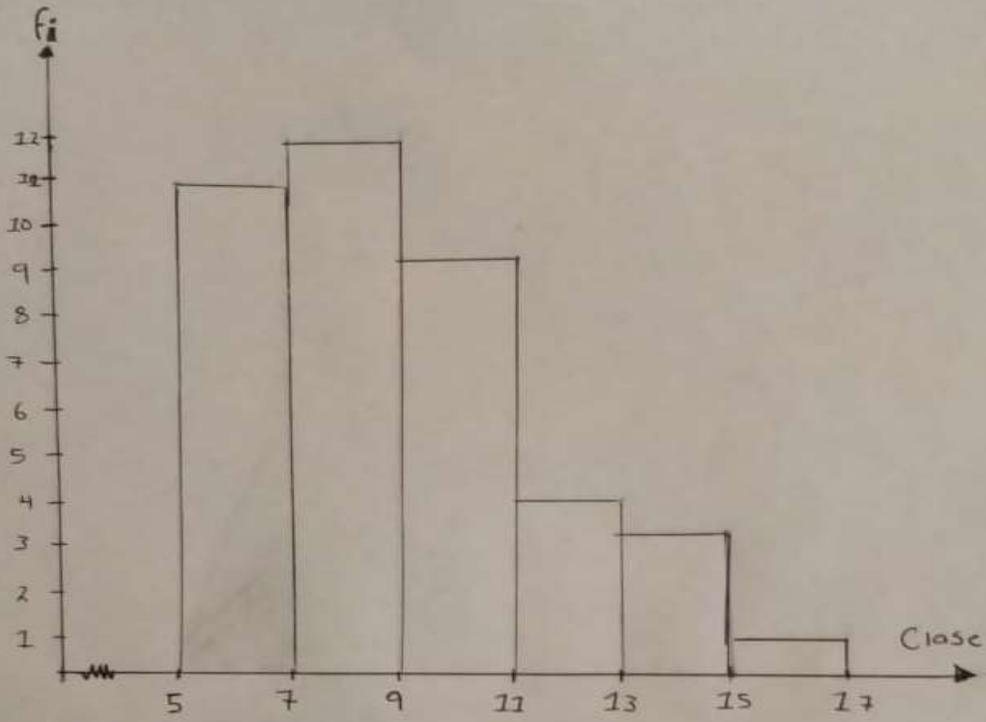
EJERCICIO 1

Ejercicio 1

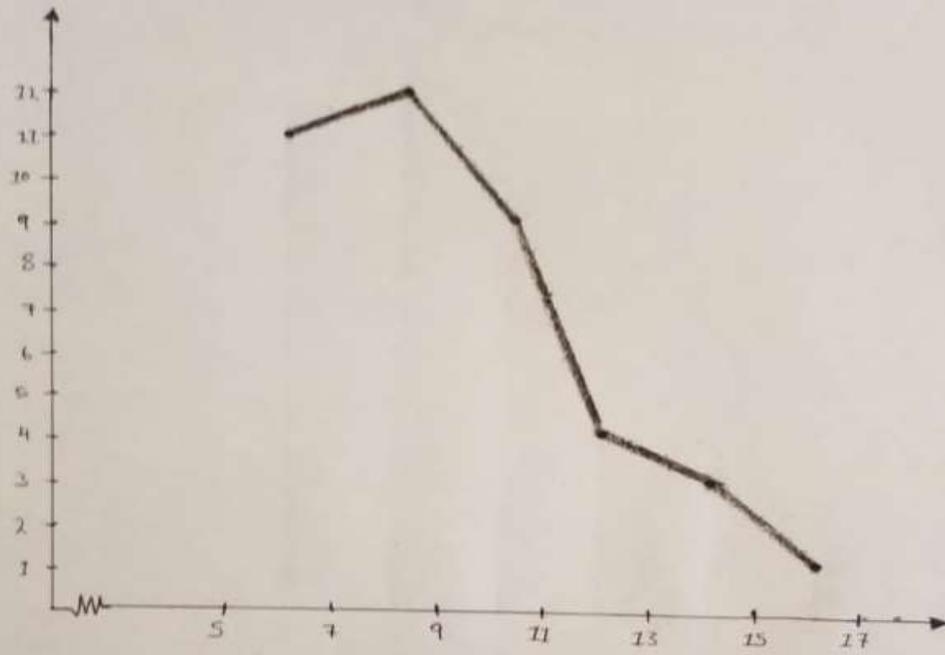
Clase	X	f	fr	F
5-7	6	11	0.275	11
7-9	8	12	0.3	23
9-11	10	9	0.225	32
11-13	12	4	0.1	36
13-15	14	3	0.075	39
15-17	16	1	0.025	40
		40	0.999	

Clase	f
[5-7>	11
[7-9>	12
[9-11>	9
[11-13>	4
[13-15>	3
[15-17>	1
Total	40

Histograma



Polígono de Frecuencia

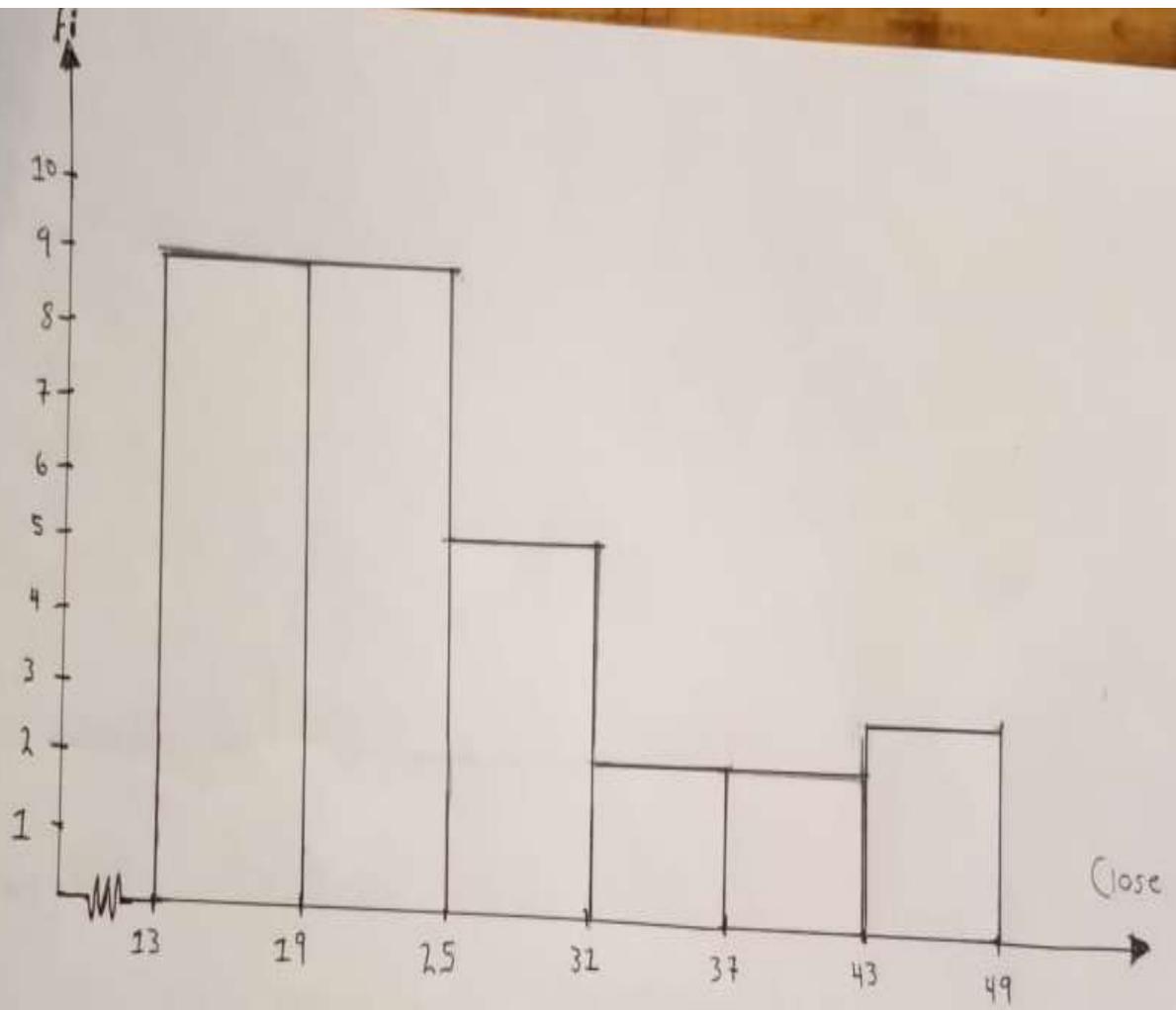


EJERCICIO 2

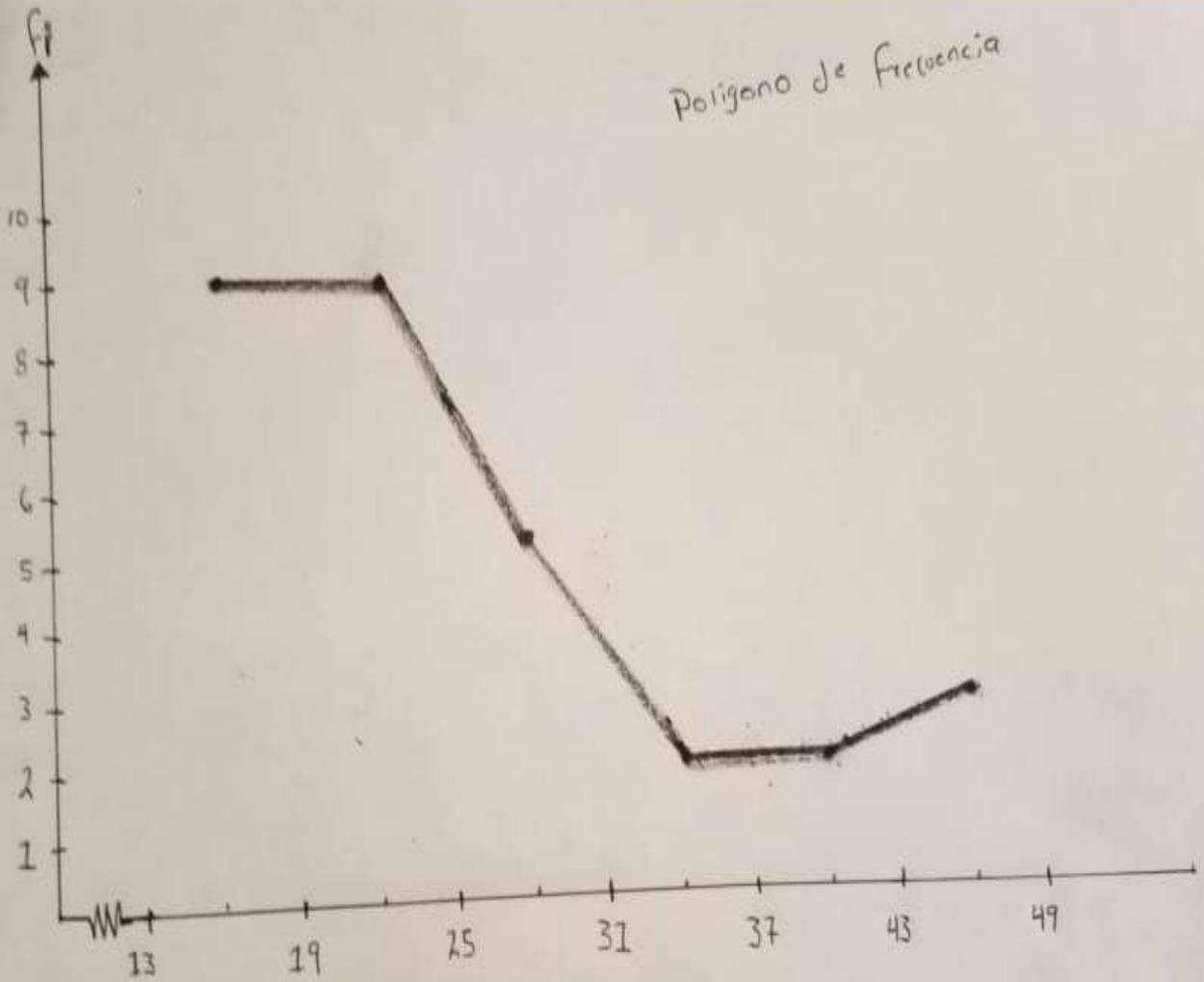
Ejercicio 2

Clase	X	F	fr	F
13 - 19	16	9	0.3	9
19 - 25	22	9	0.3	18
25 - 31	28	5	0.1666	23
31 - 37	34	2	0.0666	25
37 - 43	40	2	0.0666	37
43 - 49	46	3	0.1	30
		30	0.9998	

Clase	f _i
13 - 19	9
19 - 25	9
25 - 31	5
31 - 37	2
37 - 43	2
43 - 49	3
Total	30



Polígono de frecuencia



EJERCICIO 3

Ejercicio 3

Clase (cobros)	X	f	fr	F
13-15	14	4	0.2	4
15-17	16	9	0.45	13
17-19	18	3	0.15	16
19-21	20	3	0.15	19
21-23	22	1	0.05	20
		20	1	

$$\bar{x} = \frac{13 + 15}{2} = 14$$

$$fr = \frac{f_i}{20}$$

EJERCICIO 4

Ejercicio 4

~~x~~ ~~x~~ ~~x~~ ~~x~~ ~~x~~
~~x~~ ~~x~~ ~~x~~ ~~x~~ ~~x~~
~~x~~ ~~x~~ ~~x~~ ~~x~~ ~~x~~
~~x~~ ~~x~~ ~~x~~ ~~x~~ ~~x~~

X → Datos

f → número de veces que se repite un dato

X	f	fr	%	F
0	3	0.15	15	3
1	5	0.25	25	8
2	6	0.3	30	14
3	3	0.15	15	17
4	3	0.15	15	20
	20	1	100	

$$fr = \frac{f_i}{n} = \frac{3}{20}$$

$$\frac{5}{20} = 0.25$$

$$\%i = fr \times 100$$

$$0.15 \times 100 = 15$$

$$0.25 \times 100 = 25$$

$$F = 3 + 5 = 8$$

$$+ 6$$

$$+ 14$$

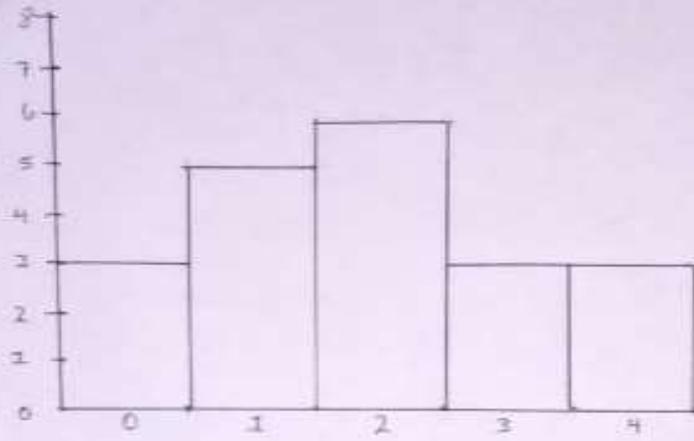
$$+ 3$$

$$+ 17$$

$$+ 3$$

$$20$$

Histograma



Polígono de frecuencia

