



**NOMBRE DE LA ALUMNA: YARENI GRICEL SANCHEZ  
MORALES**

**NOMBRE DEL PROFESOR: MAGNER JOEL HERRERA  
ORDOÑEZ**

**MATERIA: BIOESTADISTICA**

**ESPECIALIDAD: EMFERMERIA**

**CUATRIMESTRE: 4 CUATRIMESTRE**

**FRONTERA COMALAPA CHIAPAS**

Ejercicio. Datos no agrupados

Yareni

50, 50, 52, 53, 55, 56, 56, 56, 56, 57  
58, 58, 58, 58, 59, 60, 60, 61, 63, 63, 63, 63  
64, 64, 64, 65, 65, 68, 68

$$Q_1 = \frac{(1)(30)}{4} = \frac{30}{4} = 7.5 \rightarrow 56$$

$$Q_3 = \frac{(3)(30)}{4} = \frac{90}{4} = 22.5 \rightarrow 63$$

$$D_5 = \frac{(5)(30)}{10} = \frac{150}{10} = 15 \rightarrow 59$$

$$D_8 = \frac{(8)(30)}{10} = \frac{240}{10} = 24 \rightarrow 64$$

$$P_{72} = \frac{(72)(30)}{100} = \frac{2160}{100} = 21.6 \rightarrow 63$$

### Ejercicio 2. Altura de 13 personas

Yareni

D  
 1.35 , 1.53 , 1.70 , 1.70 , 1.70 , 1.71 , 1.74 , 1.79  
 1.81 , 1.86 , 1.88 , 2.03 , 2.11

$$Q_1 = 1 \left( \frac{13+1}{4} \right) = \frac{14}{4} = 3.5 \rightarrow 1.7$$

$$Q_3 = 3 \left( \frac{13+1}{4} \right) = \frac{42}{4} = 10.5 \rightarrow 1.85$$

$$D_2 = 2 \left( \frac{13+1}{10} \right) = \frac{28}{10} = 2.8 \rightarrow 1.615$$

Posición

$$D_7 = 7 \left( \frac{13+1}{10} \right) = \frac{98}{10} = 9.8 \rightarrow 1.83$$

### Ejercicio 3

Yareni Briceil Sanchez Morales

En la siguiente tabla se muestra la edad del registro de 80 mujeres con cáncer de mama en cierto hospital.

X	F	F
44	9	9
45	13	22
49	16	38
53	12	50
54	11	61
55	8	69
56	6	75
57	5	80
Total	80	

Determina

$$Q_3 = \frac{(3)(80)}{4} = \frac{240}{4} = 60 \rightarrow 54$$

$$D_5 = \frac{(5)(80)}{10} = \frac{400}{10} = 40 \rightarrow 53$$

$$D_7 = \frac{(7)(80)}{10} = \frac{560}{10} = 56 \rightarrow 54$$

$$P_{45} = \frac{(45)(80)}{100} = \frac{3,600}{100} = 36 \rightarrow 49$$

$$P_{73} = \frac{(73)(80)}{100} = \frac{5,840}{100} = 58.4 \rightarrow 54$$