



**INSTITUTO PRIVADO RAFAEL AREVÁLO
MARTÍNEZ**

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ESTADISTICA

5TO ADMINISTRACIÓN DE EMPRESAS



IPRAM 2,021

Estefany Ramos Sto Admon #6

⑦ $N = 80$

$X = 20$

$\bar{X} = 37.37$

$S = 7.6$

$Z = \frac{X - \bar{X}}{S}$

$Z = \frac{20 - 37.37}{7.6} = -2.285 = -2.29$

$0.4319 \times 100 = 43.19\%$

$$\begin{array}{r} 43.19 \\ 37.29 \\ \hline 80.48 \end{array}$$

$N = 80$

$X = 40$

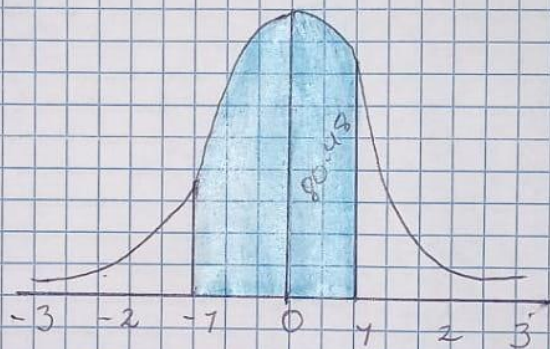
$\bar{X} = 37.37$

$S = 7.6$

$Z = \frac{40 - 37.37}{7.6} = 0.347 = 0.35$

$0.3729 \times 100 = 37.29\%$

$(43.19 + 37.29)44$



Estefany Ramos sto Admón #6.

②

$$N = 80$$

$$z = \frac{35 - 37.37}{7.6} = \frac{-2.37}{7.6} = -0.31$$

$$X = 35$$

$$\bar{X} = 37.37$$

$$S = 7.6$$

$$0.1879 \times 100 = 18.79\%$$

$$0.1879 \times 100 = 18.79\%$$

$$37.06\%$$

$$18.79\%$$

$$12.27\%$$

$$N = 80$$

$$X = 38$$

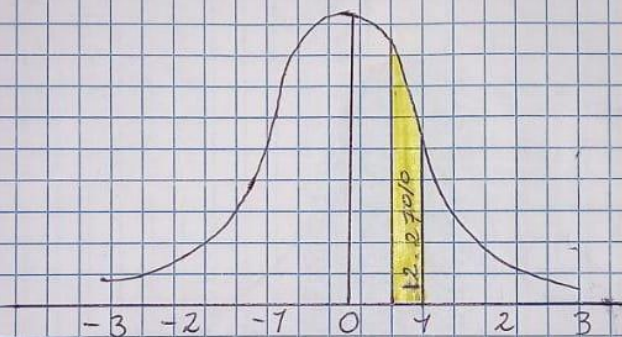
$$\bar{X} = 37.37$$

$$S = 7.6$$

$$z = \frac{38 - 37.37}{7.6} = \frac{0.63}{7.6} = 0.08$$

$$0.3706 \times 100 = 37.06\%$$

$$80 \times 12.27\% = 10$$



R// El porcentaje de trabajadores con edades entre 35 y 38 años es de 12.27% que es igual a 10 trabajadores.