

TAREA 6- BLOQUE 3- DANILO MARTINEZ- ESTADISTICA

Tarea 6 - Bloque 3 - Danilo Martinez - Sto admón.

1.

$$1.- N = 80$$

$$x = 20$$

$$\bar{x} = 31.31$$

$$s = 7.60$$

$$z = \frac{20 - 31.31}{7.60} = \frac{-11.31}{7.60} = -1.49$$

$$0.4319 \times 100 = 43.19\%$$

$$2.- N = 80$$

$$x = 40$$

$$\bar{x} = 31.31$$

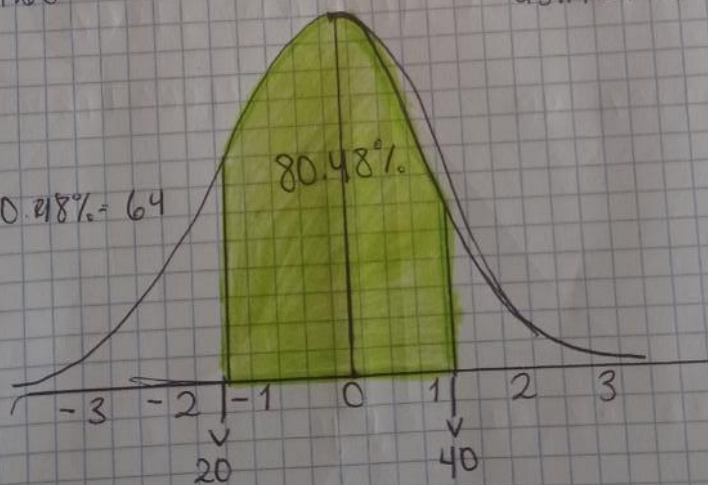
$$s = 7.60$$

$$z = \frac{40 - 31.31}{7.60} = \frac{8.69}{7.60} = 1.14$$

$$0.3729 \times 100 = 37.29\%$$

$$43.19\% + 37.29\% = 80.48\%$$

$$80 \times 80.48\% = 64$$



R// El porcentaje de trabajadores entre 20 y 40 años es del 80.48% que equivale a 64 trabajadores.

Daniilo Martínez 5to admón.

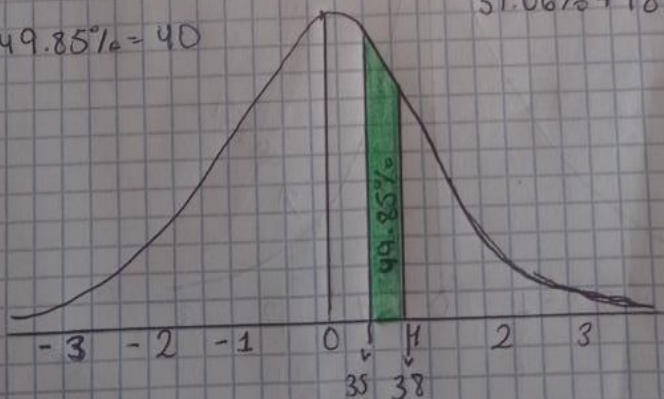
2

1.- $N = 80$ $z = \frac{35 - 31.31}{7.60} = \frac{3.69}{7.60} = 0.49$
 $X = 35$
 $\bar{X} = 31.31$ $0.1879 \times 100 = 18.79\%$
 $S = 7.60$

2.- $N = 80$ $z = \frac{38 - 31.31}{7.60} = \frac{6.69}{7.60} = 0.88$
 $X = 38$
 $\bar{X} = 31.31$ $0.3106 \times 100 = 31.06\%$
 $S = 7.60$

$$31.06\% + 18.79\% = 49.85\%$$

$$80 \times 49.85\% = 40$$



R// El porcentaje de trabajadores entre 35 y 38 años es del 49.85% que equivale a 40 trabajadores.