



3. Ho: 50.6 = Po (+ is a 1 tool test and 2 toul test

Hi = 11>0.60 as n>30

$$\hat{p} = \frac{170}{250} = 6.68$$

2 score of 0.68

$$= \frac{\beta - \rho_0}{\sqrt{\rho_0(1-\rho_0)}}$$

-2.32 2.58

$$\frac{= 0.68 - 0.6 = 0.08 \times \sqrt{250} = 1.269 = 2.58}{\sqrt{0.6 \times 0.9}}$$

$$\frac{= 0.68 - 0.6}{\sqrt{0.29}}$$

$$\frac{= 0.08 \times \sqrt{250} = 1.269 = 2.58}{\sqrt{0.29}}$$

2.58>-2.32 which Palls oeetsde the CI, so Reject Nell hypothesis and eacht the sales Manager statement

Percentile Rank of X:

value = <u>Percentile</u> x (nt1)

100

$$\frac{20.79}{2} = \frac{11712}{2} = \frac{23}{2} = \frac{16.5}{2}$$