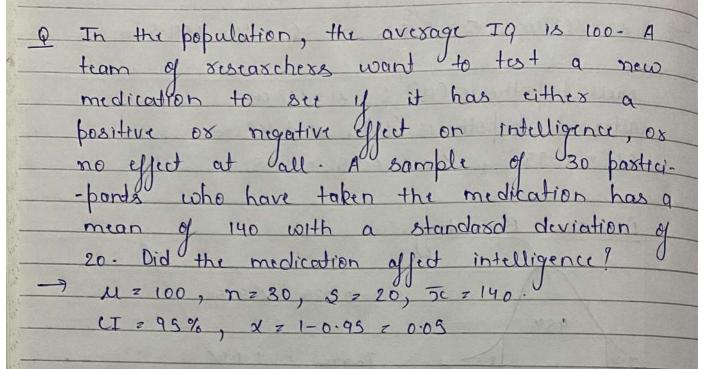
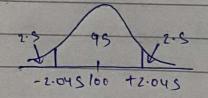


-> 11=168 cm, 6=3.9, n=36, X=169.5 cm Null hypothesis (Ho): U=168 cm Alternate hypothesis (Hi): U \$ 168 cm (I = 0.95, X = 1-0.95 = 0.05 Decision Boundary: 1-0.025 = 0.9750 Zo-9750 = ± 1.96 Then we fail to reject the null hypothesis. -> Statistical Analysis Z-test = X-11 7 standard 3.9/536 2 2.39 - Conclusion! Since, 2.39 rs greater than +1.96, we reject the Null hypothesis.



- O Null hypothesis (Ho): 11 = 100
  Alternate hypothesis (H1): 11 = 100
- De Significance Level: x 2 0.05
- 3 Degree of seedom! n=1 = 29
- 19 Decision Boundary:



def = 29 1-0.085 = 0.9790

to.975,29 = ± 2.045

13 T-test 1

\$ = \frac{1}{5\sqrt{\sq}}\sqrt{\sint{\sqrt{\sq}}}}}}\sqrt{\sign}\sqrt{\sq}\sign{\sqrt{\sq}\sqrt{\sign{\sqrt{\sin}}}}}\sqint{\sign{\sign{\sq}}}}}\sign{\sign{\sign{\sqrt{\sign{\sq}}}}}\sign{\sign{\sign{\sig

O (onclusion!
The states than -2.049 or greater than troops,  Reject the Null hypotheses.
Reject the Null hypothesis.
Since = 10.96 > +2.045
since, t=10.96 > +2.045, we Regard the New hypothesis.