1)

Name

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question

Conduit the test of 95% Find the P-value for the indicated hypothesis test.

1) In a sample of 88 children selected randomly from one town, it is found that 8 of them suffer from asthma. Find the P-value for a test of the claim that the proportion of all children in the town who suffer from asthma is equal to 11%.

A) 0.2843

C) 0.5686

D) -0.2843

N = 98 = 7 = 90 = 1091

- Ze = Javelse Non (1025,0,1) = -1.96 => 2= 1.96

 $Z_{eff} = \frac{(\overline{p} - \overline{p})}{|P(1-\overline{p})|} = \frac{(.691 - .11)}{|V_{eff}|} = -.570$

Insufficient evidence to Reject to

-> Fail to Regent HA

P-blue = 2 normaledf (-1E99, -1570,0,1)