## 16-15

a) pages in Sports III. 61. Soap opera Digest
b)  $\frac{S.I.}{S.I.}$   $P = \frac{54}{116} = .466$   $\frac{S.O.O.}{116}$   $\frac{S.O.O.}{116}$ 

(.375).556

- C) I am 95% considert that the prop. of all S.I. pages that contain ads is in this interval.
- For you repeatedly take samples of 116 S.I. pages and Construct 9590 C.I. for each, in the long run, about 9590 of those intervals would contain the actual proport all S.I. pages that contain ads.
  - e) YES! each interval contains the sample prop. (p)
  - f) Because point of the interval.

I define parameter/hxp.

P = the prop. of all people who would choose RF.

Ho: P=. 25 each time = likely
Ha: P>. 25 RF picked more

Conditions.

· np≥10 AND n(1-b)≥10 74(.35) = 10 74(.75)=10 18.5=10 55.5=10

The statistic probe of P= 24 74=.324

 $Z = \frac{.324 - .25}{.0503} = 1.47$   $Pr(z > 1.47) = \frac{.0708}{.0708}$ 

Conclusion Sign. 12 = .05 .0708 > .05

With a p-value of .0708,

this is NOT sign at the .05 level.

I fail to reject Ho.

There is not enough evid. to say that people are more likely to per charge