- 1. 250 TEACHERS WERE ASKED IF COMPUTERS ARE AN ESSENTIAL TEACHING HOOL; 142 SAID YES, THE REST SAID NO. CALCULATE A 99% CONFIDENCE INTERVAL FOR THE PROPOSITION OF TEACHERS WHO FEEL THAT COMPUTERS ARE ESSENTIAL.
- 2. A SCHOOL PRINCEPAL CLAIMS THE STUDENTS AT THAT SCHOOL ARE ABOVE AVERAGE INTELLIGENCE. A RANDOM SAMPLE OF 30 STUDENTS HAVE A MEAN IR OF 112. SAND THE MEAN POPULATION IR IS 100 WITH STANDARD DEVILATION IS. IS THERE SUFFICIENT EVEDENCE TO SUPPORT THE CLAIM?
- 3. BLOOD CLUCESE LEVELS FOR OBESE PEOPLE HAVE A MEAN OF 110 WITH STANDARD DEVIATION 25, A RESEARCHERE BELLEVES THAT A DIET HIBH IN RAW CORNSTARCH WILL HAVE AN EFFECT ON BLOOD CLUCOSE LEVEL, A SAMPLE OF 20 BCOPLE WHO HAVE TRIED THE DIET HAVE A MEAN CLUCESE LEVEL OF 120, TEST THE HYPOTHESIS THAT THE RAW CORNSTARCH HAS AN EFFECT.

DISCUSSION: WHAT WOULD NEED TO HAPPEN IN ORDER TO REACH A DIFFERENT CONCLUSION?

4. 13 MENAUD 10 WOMEN RECERP THEER BONY FAT

MEN 13,3 6.0 20,0 f.0 14.0 19.0 1f.0 25,0 16,0 24.0 15,0 1,0 15,0 WOMEN 22,0 16.0 21.7 21.0 30,026,0 12.0 23.2 28.023.0

DOA t-TIST TO SEE IF THE MEAN PERCENAGEIS THE SAME FOR BOTH GREYS.