1. In surveys, what special problems do open-ended questions have? How can these be minimized? In what situations are open-ended questions most useful?
2. Independent random samples selected from two normal populations produced the following sample means and standard deviations.

Sample 1 Sample 2

 = 14  = 11

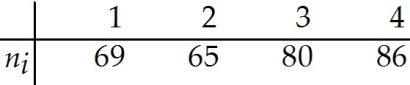
**1 = 7.1 **2 = 8.4

*s*1 = 2.3 *s*2 = 2.9

Conduct the test : ( - ) = 0 against. **: (** - ) ≠ 0, Use α = .05.

3) A multinomial experiment with *k* = 4 cells and *n* = 300 produced the data shown in the following table.

Cell



Do these data provide sufficient evidence to contradict the null hypothesis that  Test using *α* = .05