Vitamin C experiment answer key

Many people who are in favor of alternative medicine claim that large doses of vitamin C introduced into a vein speed up the healing of surgical wounds. Describe an experiment to test this hypothesis. Your answer must include at least:

a) the difference between the experimental group of subjects and the control group

one group to have vitamin C injected into the wound the other group the wound remains untreated.

b) *two* conditions that must be kept constant in both groups

The number of people

The type of wound

The average age of each group

The sex of each group

c) the type of data that should be collected

The time (in days) it takes the wound to heal

d) an example of experimental results that would support the hypothesis

The average number of days it takes the wound to heal in the experimental group is less than time taken to heal in the control group.