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1. Why is the study of the effect of humans on the coral reefs not an experiment?

The study of the effect of humans on coral reefs is not an experiment because they are not able to tell you the cause or effect since it's an observational study.

2. Who were the subjects in the Glucosamine/Chondroitin study? What did researchers want to find out?

The subjects in the Glucosamine//Chondroitin study were older individuals with osteoarthritis pain. The researchers wanted to find out how certain dietary supplements affected the pain of osteoarthritis

3. Why were subjects randomly assigned to the treatments?

Subjects were randomly assigned to treatments so that the researcher wouldn't know the treatments and so there wouldn't be any bias.

4. Dr. Confound conducted a very badly designed experiment on mood-altering medication. List some of the problems with his experiment.

Some of the problems with the experiment were the subjects were not randomized and the researcher knew what pill each participants took