**Scientific Method Homework**

1) Explain why the scientific method is generally regarded as the best way to conduct scientific research.

2) As you know, the scientific method involves a number of clearly-defined steps. If somebody is describing a relatively simple experiment, why would you still need to follow all of these steps?

3) Look at your hand and describe it using two pieces of qualitative data and two pieces of quantitative data.

4) When performing scientific experiments, what is a “control” and why do we need it?

5) I think that I can get my neighbor to be quiet if I bonk him on the head with a block of cheese. In this experiment, what are the independent and dependent variables?