Questions to answer regarding the paper: “How Scientists Think in the Real World: Implications for Science Education”

1.) What was the main goal of the study?

2.) How did the author of the paper gather his data?

3.) What did the paper claim were the three important strategies scientists use? Briefly define/explain each strategy.

4.) Of the strategies outlined in the paper, can you recognize any as having played a role in your problem solving in 184 class exercises, lab, or Honors? Explain

5.) What are some of the things that the author claims block people’s ability to make discoveries?

6.) Based on the author's findings and recommendations, make & defend 1-2 suggestions under the heading of "How we should teach an introductory biology course if our goal is to develop undergraduates as scientists".