

Problem 1. I worked hard on my problem set but got stuck on one problem, so I asked my tutor for help. My tutor showed me how to do the problem and I wrote up the solution myself while we were talking. Is it permissible for me to submit this solution with my homework?

A) Yes B) No C) Yes, but only if I cite my tutor's assistance

Solution. B)

Problem 2. Absence from an exam will be excused with a note from a doctor or the Office of the Dean of Students.

A) Yes B) No C) Depends on the note

Solution. C)

Problem 3. If you can do all of the problems on the homework, you will do well on the exams.

A) True B) False

Solution. B)

Problem 4. All homework must be written in complete English sentences.

- A) Yes, no exceptions
- B) Yes, unless otherwise specified
- C) No, this is a math class not a writing class

Solution. B)

Problem 5. When a mathematician says it is *necessary but not sufficient* that X occur for Y to occur, she means:

- A) If X happens then Y will also happen.
- B) If Y happens then X will also happen.
- C) X can happen without Y but Y cannot happen without X.
- D) Y can happen without X but X cannot happen without Y.
- E) If either X or Y happens then so will the other one.

Solution. C) is correct; B) gets partial credit.