Homework I. Due Friday 8/29. Name _____

Important announcement: There will be **one surprise quiz** covering this homework, sometime next week in class!

The above announcement should be interpreted as saying that the following two facts are both true:

A. Given: Either Wednesday (Sep 3rd) or Friday (Sep 5th) there will be a quiz (not both),

..AND..

B. Given: Using these given facts you cannot predict which day the quiz will be before that day arrives.

1. Explain how you can deduce (prove) that the quiz day cannot be Friday. (Your answer can be short enough to fit here.)

2. Explain how you can then deduce (prove) that the quiz day cannot be Wednesday either!

3. Is the important announcement true or false?