

## Quiz 2, 2008

Name: \_\_\_\_\_

No. \_\_\_\_\_

I. In the following statements, Tom and Jerry used different ways of thinking: one is inductive, and the other, deductive. Can you identify which is which?

Tom: I've noticed previously that every time I kick a ball up, it comes back down, so I guess this next time when I kick it up, it will come back down, too.

Jerry: That's Newton's Law. Everything that goes up must come down. And so, if you kick the ball up, it must come down.

Tom: \_\_\_\_\_; Jerry: \_\_\_\_\_

II. Identify the logical problems of statements and provide your suggestions.

hasty generalization;	broad generalization	oversimplification;	post hoc argument;
non sequitur;	false analogy;	ad hominem;	red herring;
faulty either/or reasoning			

1. Bill buys a new Power PC and it works fine for months. He then buys and installs a new piece of software. The next time he starts up his PC, it freezes. Bill concludes that the new software must be the cause of the freeze.

Problems: \_\_\_\_\_

Suggestions: \_\_\_\_\_

2. Sam is riding her bike in her home town in Maine. A station wagon comes up behind her and the driver starts beeping his horn and then tries to force her off the road. As he goes by, the driver yells "get on the sidewalk where you belong!" Sam sees that the car has Ohio plates and since then Sam knows that all Ohio drivers are jerks.

Problems: \_\_\_\_\_

Suggestions: \_\_\_\_\_

3. Bill: I believe that abortion is morally wrong.  
Dave: Of course you would say that, you're a priest.  
Bill: What about the arguments I gave to support my position?  
Dave: Those don't count. Like I said, you're a priest, so you have to say that abortion is wrong. Further, you are just a lackey to the Pope, so I can't believe what you say.

Problems: \_\_\_\_\_

Suggestions: \_\_\_\_\_

4. Grand Hall is in bad shape. Either we tear it down and put up a new building, or we continue to risk students' safety. Obviously we shouldn't risk anyone's safety, so we must tear the building down.

Problems: \_\_\_\_\_

Suggestions: \_\_\_\_\_

5. Guns are like hammers—they're both tools with metal parts that could be used to kill someone. And yet it would be ridiculous to restrict the purchase of hammers—so restrictions on purchasing guns are equally ridiculous.

Problems: \_\_\_\_\_

Suggestions: \_\_\_\_\_