



4. Why is the following example of deductive reasoning faulty? Given: Khaki pants are comfortable. Comfortable pants are expensive. Adrian's pants are not khaki pants. Deduction: Adrian's pants are not expensive.

5. Mrs. Robinson's 4th grade class took a field trip to the local zoo. The day was sunny and warm - a perfect day to spend at the zoo. The kids had a great time and the monkeys were voted the class favorite animal. The zoo had four monkeys - two males and two females. It was lunchtime for the monkeys and as the kids watched, each one ate a different fruit in their favorite resting place. Can you determine the name of each monkey, what kind of fruit each monkey ate, and where their favorite resting place was?

- A. Sam, who doesn't like bananas, likes sitting on the grass.
- B. The monkey who sat on the rock ate the apple. The monkey who ate the pear didn't sit on the tree branch.
- C. Anna sat by the stream but she didn't eat the pear.
- D. Harriet didn't sit on the tree branch. Mike doesn't like oranges.

	apple	banana	orange	pear	grass	rock	stream	tree branch
Anna								
Harriet								
Mike								
Sam								
grass								
rock								
stream								
tree branch								