

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

Section: \_\_\_\_\_

## Quiz #1

1. What interface (implemented by classes like `String`, `Integer`, etc.) allows instances to be compared?
2. What interface must a collection-class (like `ArrayList`) implement to make it compatible with the use of for-each loops?
3. The class `Cat` has just one member, which is a `String` variable called `name`. Write a correct `equals` method for the `Cat` class.

**[One more question on back page...]**

4. Assume that the variable `list` refers to an `ArrayList` containing `Cat` references. Write a code fragment that uses an `Iterator` to remove all cats having the name "Itchy". (You may assume that `name` is a *public* member of the `Cat` class.)