# Chapter 10 Homework

1. What is an abstract method?
   1. A method that does not provide implementations
2. \_\_\_\_ involves using a superclass variable to invoke methods on superclass and subclass objects, enabling you to "program in the general."
   1. Polymorphism
3. Classes from which objects can be instantiated are called \_\_\_\_ classes.
   1. Concrete
4. Subclass constructors can call superclass constructors via the \_\_\_\_ keyword.
   1. Super
5. What is the difference between abstract classes and interfaces?
   1. Abstract classes provide a superclass with no implementation. Interfaces offer a capability requiring that unrelated classes implement a set of common methods.