Chapter 15

1. What is an “is a” relationship?
2. A program uses two classes: Vehicle and Truck. Which class is the base (parent) class and which is the derived (child) class?
3. What is the difference between member access specification and class access specification?
4. Which constructor is called first, that of the derived class or the base class?
5. Define multiple inheritance.
6. To indicate that one class is derived from another class, a single _______ symbol is used.
7. A derived class inherits the _______ of its base class.
8. An overridden base class function may be called by a function in a derived class by using the _______ operator.
9. A(n) _______ of inheritance is where one class is derived from a second class, which in turn is derived from a third class.
10. A(n) _______ class cannot be instantiated.

Use the following two class declaration lines to answer questions 11-15:

```cpp
class Dog : public Animal
    class Corgi : public Dog
```

11. TRUE or FALSE: A Corgi is a Dog
12. TRUE or FALSE: The Animal Constructor will be called after the Dog constructor
13. TRUE or FALSE: An Animal is a Dog
14. TRUE or FALSE: A Corgi is an Animal
15. TRUE or FALSE: A Dog object can access the Animal's public interface.