

II. Answer the following given the partial class definition code:

```

public class MyClass
{
    public MyClass (int newInfo, char moreInfo)
    {
        .
        .
    }
    public MyClass ( )
    {
        .
        .
    }
    public void doSomething( )
    {
        .
        .
    }
    private int info;
    private char moreInfo;
}
    
```

Write whether the following are *legal* or *illegal* constructor call statements in the main( ) method.  
 (1 pt each)

- 1) MyClass anObject = **new** MyClass(10,'R'); 1) \_\_\_\_\_
- 2) MyClass anotherObject = **new** MyClass( ); 2) \_\_\_\_\_
- 3) MyClass yetAnotherObject = **new** MyClass; 3) \_\_\_\_\_
- 4) MyClass( ); 4) \_\_\_\_\_
- 5) MyClass stillAnotherObject = **new** MyClass(10); 5) \_\_\_\_\_
- 6) MyClass yetStillAnotherObject = **new** MyClass;('G', 10); 6) \_\_\_\_\_
- 7) anObject.MyClass(10,'B'); 7) \_\_\_\_\_
- 8) anObject.MyClass( ); 8) \_\_\_\_\_
- 9) MyClass(10,'r'); 9) \_\_\_\_\_

# AP Chapter 2 Worksheet 5 More Classes

1 of 2

Pts: 15

Name \_\_\_\_\_

class hour \_\_\_\_\_

I. Answer the following given the partial class definition code:

```
public class Car
{
    public void price(double newCost)
    {
        ...
    }
    public void profit(double newProfit)
    {
        ...
    }
    public double inputPrice( )
    {
        this.inputProfit( );
        ...;
    }
    private void inputProfit( )    //note the private modifier
    {
        ...
    }
    private double cost;
    private float profit;
}
```

If the main( ) method contains the following instantiations:

Car porsche = **new** Car( ); Car viper = **new** Car( );

and the program initializes all member variables to some value then write whether the following are *legal* or *illegal* statements in the main( ) method. (1 pt each)

- |                                      |          |
|--------------------------------------|----------|
| 1) porsche.cost = 50000.99;          | 1) _____ |
| 2) viper.cost(40000.98);             | 2) _____ |
| 3) <b>double</b> aCost, aProfit;     | 3) _____ |
| 4) aCost = viper.inputPrice( );      | 4) _____ |
| 5) aProfit = viper.inputProfit( );   | 5) _____ |
| 6) aProfit = porsche.inputProfit( ); | 6) _____ |

**OVER**