

I. Number the marked statements from 1 to 6, in the blanks at the right for the following program fragment, to show the logical order in which they are *executed*. (3 pts)

```

1)      public class Problem1
        {
          public static void main(String[ ] args)
          {
            System.out.println("Number ");
            int number1 = 1;
            float number2 = 2.5;
            Problem1 object1 = new Problem1 ( );
            object1.doThis(number1, number2);

            object1.alsoDo(number1, number2);

            System.out.println(number1 + " " + number2);
          }
          public void alsoDo(int value1, float value2)
          {
            System.out.println(value1 + value2);
          }
          public void doThis(int num1, float num2)
          {
            int num3 = 3;
            System.out.println(num1 + num2 + num3);
          }
        }

```


OVER

I. Number the marked statements from 1 to 7, in the blanks at the right for the following program fragment, to show the logical order in which they are *executed*. (4 pts)

```

2)      public class Problem2
        {
            public void alsoDo(int value1, float value2)
            {
                System.out.println(value1 + value2);
                this.doThis(value1, value2);
            }
            public void doThis(int num1, float num2)
            {
                int num3 = 3;
                System.out.println(num1 + num2 + num3);
            }
        }
        public class Problem2Tester
        {
            public static void main(String[ ] args)
            {
                System.out.println("Number ");
                int number1 = 1;
                float number2 = 2.5;
                Problem2 object2 = new Problem2( );
                object2.doThis(number1, number2);

                object2.alsoDo(number1, number2);

                System.out.println(number1 + " " + number2);
            }
        }
    
```

II. Clearly identify, as **exactly** and **precisely** as possible - by labeling with the letters a through h and using arrows or circling things - the following items in the program fragment shown below.

- a) method call
- b) class heading
- c) actual parameters
- d) formal parameters
- e) local variables
- f) method specification (not main()'s)
- g) method definition (not main()'s)
- h) method body (not main()'s)

(8 pts)

```

public class Problem3
{
    public static void main(String[ ] args)
    {
        Problem3 object3 = new Problem3( );
        object3.test (1, 2, 3);
        object3.test (4, 5, 6);
    }
    public void test(int a, int b , int c)
    {
        int g;
        int h;
    }
}
    
```