Java   Name -
Parts of a Class Worksheet #1   Period -

Identify **one occurrence** of each of following items by **circling & labeling them with the following numbers**:

a client program (1), declaring a reference (2), instantiating an object (3), object variable (4), a call statement for a method (5), an actual parameter (6), a default constructor (7), an "other" constructor (8), a formal parameter (9), a parameter list (10), an accessor method (11), a modifier method (12), an "interesting" method (13), the declaration statement for an instance field (14)

```java
// client program *********************************************
public class BotTest
{
      public static void main(String[] args)
      {
            Bot robot  = new Bot("Fred", 50, 60);
            robot.goRight(30);
            System.out.println(robot.getX());
            robot.setY(90);
      }
}

// Bot class *****************************************************
class Bot
{
      public Bot()
      {
            this("", 0, 0);
      }

      public Bot(String name, int x, int y)
      {
            myName = name;
            myX = x;
            myY = y;
      }

      public int getX()
      {
            return myX;
      }

      public void setY(int y)
      {
            myY = y;
      }

      public void goRight(int x)
      {
            myX += x;
      }

      private String myName;
      private int myX;
      private int myY;
}
```