Trace the following code by hand. Cross out variable values as they change over time – don't erase old values or just write the final value!

```
public class Trace1
{
  public static void main(String args[])
  {
    int num = 5;
    System.out.print("Num: ");
    System.out.print(num +",");
    num++;
    num -= 3;
    System.out.print(num +",");
    num *= 4;
    System.out.print(num +",");
    num = num % 5;
    System.out.println(num);
  }
}
```

This is from the midterm last year.

Trace the following code by hand. Cross out variable values as they change over time – don't erase old values or just write the final value!

```
public class Trace2 {
  public static void main(String args[]) {
    int x = 7 / 2;
    int y = (int)(4.0 * x);
    int z = Math.min(13, y);
    y = x * x;
    x += z;
    z = 2 * z;

    System.out.printf("Done. The final values are %d, %d, and %d.%n", z, x, y);
  }
}
```