

## Constructor Worksheet

Name: \_\_\_\_\_

Period: \_\_\_\_\_ PC #: \_\_\_\_\_

Fix the following code.

```
1
2 import java.util.ArrayList;
3 import java.lang.Integer;
4
5 public class FixConstructor
6 {
7     private ArrayList<Integer> vals;
8
9     /**
10      * precondition:   n > 0
11      * postcondition:  vals has been initialized to an ArrayList of size n with
12      *                  random integers in the range [-10, 10].
13      */
14     public FixConstructor(int n)
15     {
16         ArrayList<Integer> vals = new ArrayList<Integer>();
17         for(int i=0; i<n; i++)
18             vals.add(new Integer((int)(-21*Math.random()+10)));
19     }
20 }
```