

AP Computer Science 'A' Practice Java Quiz #4 (30 Points)

On paper, closed computer, notes, and books

For this quiz you are to write only two separate Java methods, not a complete class. You should not have a 'main' method or import statements or use global variables. You are not required to comment your code.

- 1) Write the code to complete the following standalone Java method that takes one argument, an ArrayList of Integers, and returns the smallest integer in the ArrayList. Your method should not get any user input or print anything or alter the ArrayList.

```
public static int findSmallest(ArrayList<Integer> list)
{
```

```
}
```

- 2) Write the code to complete the following standalone Java method that takes one argument, an array of integers, and returns a single double that is the arithmetic mean (average) of all of the integers in the array. Your method should not get any user input or print anything or alter the array.

```
public static double getMean(int[] numbers)
{
```

```
}
```