

Name _____ Period _____ Logic and Computation

Arrays Practice

1. Fill in the blanks with the correct number, symbol, or Java keyword.

```
int__ numbers = {8, 6, 7, 5, 3, 0, 9};  
  
_____ myCheckList = {false, true, false, true, true};  
myCheckList[__] = true; // set the first 'false' element to 'true'  
myCheckList[__] = true; // set the next 'false' element to 'true'  
  
_____ testGrades = {78, 100, 85.5, 90.5, 62.5, 81};  
  
double myHighestScore = testGrades[__]; // write the correct index  
double myLowestScore = testGrades[__]; // write the correct index
```

2a. What is the length of the numbers array above?

b. What is the index of the element 9 in the numbers array?

3. In the space below, declare an array of Strings containing the names of your top three favorite breakfast items. Make sure your syntax is completely correct.

4. In the space below, declare an empty array of 20 Point objects.

5. How many mistakes can you find in the code below? Explain the mistakes.

```
String dystopianNovels = "Brave New World", 1984, "Fahrenheit 451",  
"The Man in the High Castle";  
  
dystopianNovels[3] = "The Lord of the Flies";  
  
dystopianNovels[4] = "The Giver";
```