English name:	
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Unit 1: Primitive Types

To implement these questions correctly, you must consider type conversion.

1. Fill in the box to complete the code such that the method printSum() will correctly output the sum of the two numbers that are passed as parameters.

```
private static void printSum( int i, int j ) {
    System.out.println("The sum is: " );
}
```

2a. Fill in the box to complete the code such that the method <code>scorePercent()</code> will correctly return the student's score as a percent truncated to the nearest whole number. For example, if <code>score</code> is set to 20 and <code>max</code> is set to 30, the method will return 66.

```
private static int scorePercent( int score, int max ) {
   return
}
```

2b. *Challenge*: Fill in the box to complete the code such that the method <code>scorePercent()</code> will correctly return the student's score as a percent rounded to the nearest tenth. For example, if <code>score</code> is set to 20 and <code>max</code> is set to 30, the method will return 66.7. Use only type conversion, no method calls.

```
private static double scorePercent( int score, int max ) {
   return ;
}
```

Unit 2: Using Objects

3. Fill in the box to complete the code such that the method printTwoLines() will print to the console line1 on the first line, followed by line2 on the second line.

Unit 3: Boolean and if Statements

4. Fill in the box to complete the code such that the method checkEquality() will return true if the integer values of i and j are the same, and false if they are not the same. Note that this should work for all values, including large values, such as 999.

```
private static Boolean checkEquality( Integer i, Integer j ) {
   return
}
```

5. Fill in the box to complete the code such that the method isAscending() will return "ascending" if the integer values of first, second and third are increasing in value and "not ascending" if they are not.

```
private static String isAscending( int first, int second, int third ) {
   if (
      return "ascending";
} else {
      return "not ascending";
}
```

Unit 08: 2D Arrays - Worksheet 1

Unit 8: Two Dimensional Arrays

6. Using the method Math.random(), and no other methods, fill in the box to complete the code such that the method randomInt() will correctly return a random integer within the range [min, max].

```
private static int randomInt(int min, int max) {
   return
}
```

7. Using enhanced for loops, fill in the box to complete the code such that the method print2DIntArray() will print out the two-dimensional integer array as a table with a space between numbers. For example, the array a = { { 0, 1 } , { 2, 3 } } will print as:
0 1</pr>
2 3

You can assume all numbers in the array are single digit so you do not need to take into consideration the number of digits in each number (which would mess up the alignment of columns if they differ).

private static void print2DIntArray(int[][] a) {	
}	

8. Using method randomInt() that operates as defined in question 1, fill in the box to complete the code such that method random2DIntArray() will generate and return a two-dimensional array populated with random values that are returned by successive calls to the method randomInt(). The returned array should have the number of rows and columns as specified in parameters rows and columns, respectively, and the random integers within the array should be within the range [min, max].

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									İ
}									ı
,									