1. Suppose you look up a method in the Java API and find this method heading:

   `String doThis ( int x )`

Fill in the following information about this method:

- **Method name:** ______________________
- **Method return type:** __________
- **Required parameters for the method:** *(how many? of what type(s))?* 
  ____________________________

2. Fill in the blanks & show output

   ```java
   String word = "overdrive";
   int num = word.length();

   num __ word.charAt(1)____
   word.charAt(4)__ word.charAt(num-1) __

   int n = 0;
   while (n < word.length())
   {
       System.out.print(word.charAt(n) + "a");
       n = n + 2;
   }
   ```

   **Output:**

3. Given a Random object named `rand`, what range of values are produced by the following expressions?

   - `rand.nextInt(8)` ________
   - `rand.nextInt(50) - 10` ________
   - `(char) (rand.nextInt(4) + 'a')` ________
Quiz 4 9/27/18  Name:______________________ ___/20

1. Suppose you look up a method in the Java API and find this method heading:

   double word()

a) Fill in the following information about this method:

   Method name: _________________
   Method return type: _______
   Required parameters for the method: (how many? of what type(s)?) ________________________________

2. Given a Random object named rand, write a Java expression that produces a value in the range 4-20 (inclusive).

   3. Fill in the blanks
   String word = "plaintalking";
   int num = word.length();

   num ___ word.charAt(1)___ word.charAt(4)___
   word.substring(1)___

   int n = 0;
   while (n < num-1)
   {
       System.out.print(word.charAt(n) + " ");
       n++;
   }

   Output