

// Java
// Writing Methods worksheet #3

Name -
Period -

```
public class Scratchwork
{
    public static void main(String[] args)
    {
        System.out.println(findSecondToLastLetter("Robert")); // r
        System.out.println(findMiddleLetter("Robert")); // b
        System.out.println(firstHalf("school")); // sch
        System.out.println(stringTimes("hello", 3)); // hellohellohello
    } // end of main method

    // precondition - word will have a length greater than 1
    // postcondition - returns the second-to-last character of that string.
    // For example, if the parameter is "Robert" then "r" would be returned.
    public static String findSecondToLastLetter(String word)
    {

        } // end of findSecondToLastLetter

        // precondition - word will have a length greater than 1
        // postcondition - If the length of word is odd then the middle letter is returned.
        // For example, "e" is returned if word is "Roberta".
        // If word.length() is even then the character just before the middle of word is returned.
        // For example, "b" is returned if word is "Robert". Hint: an if statement is unnecessary
        public static String findMiddleLetter(String word)
        {

            } // end of findMiddleLetter

            // precondition - the length of word is even, word.length() > 1
            // postcondition - returns the first half of word. For example, if word is "school"
            // then "sch" is returned. Hints
            public static String firstHalf(String word)
            {

                } // end of firstHalf

                // precondition - num > 0
                // postcondition - returns a larger string that is a num copies of
                // word concatenated together. For example, if word is "hello" and num is 3
                // then "hellohellohello" is returned. Hint: a loop may be necessary
                public static String stringTimes(String word, int num)
                {

                    } // end of stringTimes

    } // end of Scratchwork class
```