Review your answers, feedback, and question scores below. An asterisk (*) indicates a correct answer.

Section 4 - Quiz 2 L3-L5
(Answer all questions in this section)

6. A String is a sequence characters.

☐ Mark for Review
(1) Points

○ True (*)

◉ False

  ❌ Incorrect. Refer to Section 4 Lesson 3.

7. The String class must be imported using java.lang.String;

☐ Mark for Review
(1) Points

◉ True

○ False (*)

  ❌ Incorrect. Refer to Section 4 Lesson 3.

8. What is the output?

☐ Mark for Review
(1) Points

```
public static void main(String args[]) {
    String alphaNumeric = "Java World!" + 8;
    System.out.println(alphaNumeric);
}
```

○ Java World! + 8

◉ Compilation error.

○ Java World! 8

○ Java World!8 (*)

  ❌ Incorrect. Refer to Section 4 Lesson 3.

9. What is the output?

☐ Mark for Review
(1) Points

```
public static void main(String args[]) {
    String greeting = "Java World!";
    String w = greeting.replace("a", "A");
    System.out.println(w);
}
```

◉ Java World!

○ JAvA World! (*)

○ JAva World!

○ JavA World!

  ❌ Incorrect. Refer to Section 4 Lesson 3.

10. The replaceFirst() method replaces only the first occurrence of matching character pattern in a string.

☐ Mark for Review
(1) Points

◉ True (*)

○ False

✓ Correct

Test: Section 4 Quiz 2 - L3-L5

Review your answers, feedback, and question scores below. An asterisk (*) indicates a correct answer.

Section 4 - Quiz 2 L3-L5
(Answer all questions in this section)

1. What is the approximate value of PI?

☐ Mark for Review
(1) Points

○ 2.718

○ 3.141 (*)

○ 0

◉ The value varies.

✗ Incorrect. Refer to Section 4 Lesson 5.

2. A constant field, like Math.PI is used to represent a fixed value.

☐ Mark for Review
(1) Points

○ True (*)

◉ False

✗ Incorrect. Refer to Section 4 Lesson 5.

3. All the methods in the Math class are static methods.

☐ Mark for Review
(1) Points

○ True (*)

◉ False

✗ Incorrect. Refer to Section 4 Lesson 5.

4. Which is NOT true?

☐ Mark for Review
(1) Points

○ Static methods can be invoked through an instance of a class

○ A class can have multiple static methods.

○ Static methods can be invoked through the class name.

◉ Static methods must be of return void. (*)

✓ Correct

5. The String concat() method concatenates only String data types.

☐ Mark for Review
(1) Points

○ True (*)

◉ False

Test: Section 4 Quiz 2 - L3-L5

Review your answers, feedback, and question scores below. An asterisk (*) indicates a correct answer.

Section 4 - Quiz 2 L3-L5
(Answer all questions in this section)

11. The indexOf() method returns the index value of a character in the string. ☐

Mark for Review
(1) Points

○ True (*)

◉ False

❌ Incorrect. Refer to Section 4 Lesson 3.

12. Which values are returned by the method nextBoolean(); ☐

Mark for Review
(1) Points

◉ Nothing is returned.

○ Returns the next value.

○ Either a true or false. (*)

○ An integer value.

❌ Incorrect. Refer to Section 4 Lesson 4.

13. Using the Random class requires an import statement. ☐

Mark for Review
(1) Points

○ True (*)

◉ False

❌ Incorrect. Refer to Section 4 Lesson 4.

14. Which class is used to generate random numbers? ☐

Mark for Review
(1) Points

◉ Number

○ Random (*)

○ Integer

○ Double

❌ Incorrect. Refer to Section 4 Lesson 4.

15. You need to generate random integer values in the range 2 through 10. This code fragment will produce the desired result. ☐

Mark for Review
(1) Points

```
Random r = new Random();
r.nextInt(9) + 2;
```

○ True (*)

○ False

✔ Correct