Strings Worksheet

**String Class**

1. What is a string?
2. Give two examples of a string.
3. Define a String variable named **myTeam** and assign it the string “Dallas Cowboys”. Use one of three methods described in the notes.
4. What is the purpose of the concatenation (+) operator?
5. What is output by the following code?  
     
    String a = "dog";  
    String b = "cat";  
    String c = a + " and " + b;  
    System.out.println(c);
6. What is output by the following code?  
     
    String str = "popcorn";  
    System.out.println(str.substring(0,2));
7. What is output by the following code?  
     
    String str = "popcorn";  
    System.out.println(str.substring(3));
8. What is the value of **len** after the following code executes?  
     
    String str = "ice cream";  
    len = str.length();
9. Strings are **immutable**. What does this mean?
10. What is the value of **index** after the following code executes?

String str = "high school";

int index = str.indexOf("s");

1. What is the value of **index** after the following code executes?  
     
   String str = "high school";

int index = str.indexOf("x");

**String Input**

1. How is the **nextLine** method different from the **next** method.

**String Conversion**

1. What is the purpose of the Integer class’s **parseInt** method?