**JavaScript Worksheet**

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**Instructions:**

1. Write out definitions for the following terms. Use Google, your book or this week’s lesson. Do NOT copy and paste definitions, write your own. Hint: When searching Google preface your search term with “javascript” (otherwise you might get answers for different programming languages):

**STRING:** A string is type of input data that uses letters and characters, as opposed to numbers. They’re mainly used for adding text to other documents.

**FUNCTION:** A function is any line or block of code that accomplishes a job.

***document***: A document is a file or an object where you can access content and change it based on whatever code is in the document.

**variable:** A variable is a way of storing a data value.

2. Describe what each line of code is doing – make sure you include the element being acted on and what action is being taken. In the last example, figure out the math problem to know what the value of *num* will be.

**document.createElement(‘h2’);**

This piece of code is creating the element h2 within the document.

**“Hello World!”.length;**

This piece of code is calculating the length of the string “Hello World!”, which is 12.

**var num = (100 \* 2) – 50;**

This piece of code is creating a variable called ‘num’ that subtracts 50 from the product of 100 and 2, which is 150.