

Name: _____

Date: _____

There and Back Again: From XML to Data Tables

Instructions:

Translate the XML data into an R data table, and answer the questions on page 2.

```
<volunteers>
  <data>
    <volunteer>
      <name>Dakota</name>
      <organization>No Kill LA (NKLA)</organization>
      <time>3</time>
    </volunteer>
    <volunteer>
      <name>Hayden</name>
      <organization>Yosemite Foundation</organization>
      <time>3</time>
    </volunteer>
    <volunteer>
      <name>Charlie</name>
      <organization>Yosemite Foundation</organization>
      <time>2</time>
    </volunteer>
    <volunteer>
      <name>Emerson</name>
      <organization>City of Hope</organization>
      <time>1</time>
    </volunteer>
    <volunteer>
      <name>Jessie</name>
      <organization>Wounded Warrior Project</organization>
      <time>2</time>
    </volunteer>
    <volunteer>
      <name>Sawyer</name>
      <organization>City of Hope</organization>
      <time>2</time>
    </volunteer>
    <volunteer>
      <name>Kamryn</name>
      <organization>No Kill LA (NKLA)</organization>
      <time>1</time>
    </volunteer>
    <volunteer>
      <name>London</name>
      <organization>LA Regional Food Bank</organization>
      <time>4</time>
    </volunteer>
  </data>
</volunteers>
```

Name of Data: _____

Name: _____

Date: _____

There and Back Again: From XML to Data Tables

Questions:

1. Where are the variable names found in the XML? Where are they found in the data table?
2. What are some benefits to having data formatted as XML?
3. Which data format do you think is easier to look at and gather information from? Explain.