Metrics and More Internet Scavenger Hunt

GEENRAL INFO: [www.mrjopp.com](http://www.mrjopp.com)

1. What is your Name? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hr: \_\_\_\_\_\_\_\_\_\_\_
2. What are we doing in class this Friday?

**METRICS**

Part 1: <http://www.mathsisfun.com/measure/metric-system.html>

1. Fill in the missing items in the table below

|  |  |  |
| --- | --- | --- |
| **Metric Unit** | **What it measures** | **Example** |
| Meter |  |  |
|  | Mass |  |

1. What is the difference between **area** and **volume**?

Part 2: <http://thinkmetric.org.uk/temperature.html>

1. In the metric system, water freezes at \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ degrees, and boils at \_\_\_\_\_\_\_\_\_\_\_\_ degrees.
2. Match the items in the two columns below. (draw lines connecting the right answers)

 **40C BODY TEMPERATURE**

 **200C FRIDGE

 300C HOT WASHING MACHINE SETTING

 370C HOT DAY

 600C ROOM INDOORS**

*(Search the Internet for the following 3 answers)*

1. The hottest temperature ever recorded on Earth is \_\_\_\_\_\_\_\_\_ 0C - in Death Valley, CA on July 10th, 1913
2. The coldest temperature ever recorded on Earth is \_\_\_\_\_\_\_\_\_\_ 0C – in Vostok, Antarctica on July 23rd, 1983

9. Why doesn’t the United States adopt the Metric System?
 (*Hint* : <http://answers.yahoo.com/question/index?qid=20130106130657AAjJ0g6> )

**United States System of Measurement**

Part 1: <http://www.mathsisfun.com/measure/us-standard-units-introduction.html>

1. What are the 5 types of units used for measuring liquids?

|  |  |
| --- | --- |
| **Type of Unit** | **Size Comparison*(Hint: Look at the Pictures)*** |
| 1 |  |
| 2 |  |
| 3 |  |
| 4 |  |
| 5 |  |

2. What scale is used to measure temperature in US units? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 - Water freezes at this temperature f: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 - Water boils at this temperature f: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. NASA Goof - <http://www.washingtonpost.com/wp-srv/national/longterm/space/stories/orbiter100199.htm>

Read the story at the link above, and explain in 2-3 sentences why the Mars Orbiter crashed.