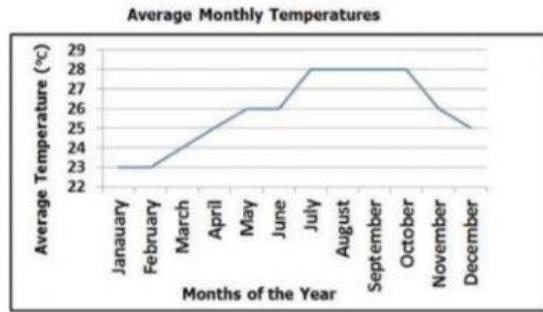


Benchmark 2 Study Guide

1. Read the graph:



- What is plotted on the X – Axis: _____
- What is plotted on the Y- Axis: _____
- What is the IV (independent variable) : _____
- What is the DV (dependent variable): _____

2. Fill in the top two rows of the chart.

Metric Conversion

On the first row put the letters of the memory trick.

On the second row put the unit prefix.

			* Unit *			

- Convert 105.6 kg to _____ g
- There are _____ millimeters in a meter
- There are _____ centimeters in a meter
- There are _____ decimeters in a meter
- There are _____ meters in a hectometers

3. Elements in the same _____ or group have the same number of valence electrons.

4. In the formula CO_2 the 2 is a _____.

5. The metals are located to the _____ of the zig-zag line on the periodic table

6. Most of the mass of an atom is in the _____ which contains the $+$ and _____.

7. When an element in group 2 bonds it will (**share, transfer**) two valence electrons and form a (**covalent bond, ionic bond**) with a non-metal in group 6(16).

8. As a gas like O_2 cools the motion of the particles _____ in speed.