**Scientific Notation**

**&**

**Combustion**

**S. Notation: are used to make numbers shorter so they can fit into calculators.**

**Measurements can be put into S. notation by moving the decimal and counting how far you moved it to figure out the exponent.**

**Example:**

**6,000,000 = ??? in S.N.**

**6.0 x 106**

**Combustion: Are chemical reactions that occur when something is burned or combined with oxygen.**

**\*\*Oxygen must be present in order for combustion to occur. This is why fires are often smothered when they are put out.**

**It is also why some kind of “oxide” is produced when ever something is burned.**

**Put the following into Sci. Notation:**

1. **12000**
2. **.000876**
3. **453000000**
4. **.001023**
5. **567000000000**
6. **.0000000000000102**