

Name: \_\_\_\_\_

Hour: \_\_\_\_\_ Date: \_\_\_\_\_

## **Chapter 2.1 & 2.2**

### Minerals & Atoms

#### **How do Minerals form?**

- \_\_\_\_\_ **from magma**
  - ❖ \_\_\_\_\_ is \_\_\_\_\_ rock.
  - ❖ When it \_\_\_\_\_, \_\_\_\_\_ in the \_\_\_\_\_ form \_\_\_\_\_.
- **Precipitation**
  - ❖ \_\_\_\_\_ bodies of \_\_\_\_\_ often \_\_\_\_\_ dissolved \_\_\_\_\_ such as \_\_\_\_\_.
  - ❖ When the \_\_\_\_\_ it leaves the \_\_\_\_\_ substances \_\_\_\_\_ which \_\_\_\_\_ to form \_\_\_\_\_.
- \_\_\_\_\_ **and Temperature**
  - ❖ Some \_\_\_\_\_ form when \_\_\_\_\_ minerals \_\_\_\_\_ a \_\_\_\_\_ in temperature or \_\_\_\_\_.
  - ❖ This is because the \_\_\_\_\_ in the \_\_\_\_\_ are \_\_\_\_\_ to \_\_\_\_\_ into new \_\_\_\_\_ forms.
- \_\_\_\_\_ **Solutions**
  - ❖ A \_\_\_\_\_ mixture of \_\_\_\_\_ and dissolved \_\_\_\_\_.
  - ❖ Temperatures are between \_\_\_\_\_ and \_\_\_\_\_.
  - ❖ When \_\_\_\_\_ solutions come into \_\_\_\_\_ with \_\_\_\_\_, a chemical \_\_\_\_\_ takes place to form \_\_\_\_\_ minerals.

## Elements and the Periodic Table

- Elements are the \_\_\_\_\_ blocks of \_\_\_\_\_.
- ❖ They \_\_\_\_\_ be \_\_\_\_\_ down into \_\_\_\_\_ substances.
- ❖ \_\_\_\_\_ Table- \_\_\_\_\_ the \_\_\_\_\_ in order of \_\_\_\_\_ number (# of protons)

## Matter

- Atoms
  - ❖ Smallest particles of \_\_\_\_\_.
  - ❖ Have all the \_\_\_\_\_ of an \_\_\_\_\_.
  - ❖ The \_\_\_\_\_ is the \_\_\_\_\_ part and contains...
  - ❖ Protons- \_\_\_\_\_
  - ❖ Neutrons- \_\_\_\_\_
- Atoms
  - ❖ Atomic number – number of \_\_\_\_\_ in an atom
  - ❖ Atomic mass- number of \_\_\_\_\_ plus \_\_\_\_\_
  - ❖ \_\_\_\_\_ levels ( \_\_\_\_\_ )
    - They surround \_\_\_\_\_
    - Contains \_\_\_\_\_-negatively \_\_\_\_\_
- \_\_\_\_\_ of an \_\_\_\_\_ have the same \_\_\_\_\_ of \_\_\_\_\_ but varying \_\_\_\_\_ of \_\_\_\_\_.
- Many \_\_\_\_\_ are \_\_\_\_\_ and emit \_\_\_\_\_ and particles.
  - ❖ Example: \_\_\_\_\_
  - ❖ ( \_\_\_\_\_ atom with \_\_\_\_\_ protons and \_\_\_\_\_ neutrons.)