

# Types of Rocks

Name \_\_\_\_\_

Date \_\_\_\_\_

## 1) Igneous Rocks

a) Igneous rock began as \_\_\_\_\_

i) What are the 3 ways that magma can form?

(1) \_\_\_\_\_

(2) \_\_\_\_\_

(3) \_\_\_\_\_

b) What does it mean when magma freezes? \_\_\_\_\_

c) Magma is a mixture of many \_\_\_\_\_

d) Define the following:

i) **Felsic** –

ii) **Mafic** –

iii) **Coarse grained** –

iv) **Fine grained** –

v) **Intrusive** –

vi) **Extrusive** –

e) Obsidian is \_\_\_\_\_, \_\_\_\_\_, & \_\_\_\_\_

## 2) Sedimentary Rocks

- a) Are formed by \_\_\_\_\_
- b) Sediments are \_\_\_\_\_ from one place to another
- c) Sediments are deposited in \_\_\_\_\_, with the \_\_\_\_\_ one ones  
on the bottom
- d) The layers are \_\_\_\_\_ and \_\_\_\_\_ together
- e) Formed on or near the \_\_\_\_\_ surface
- f) There is no \_\_\_\_\_ or \_\_\_\_\_
- g) Define the following:
  - i) **Strata** –
  
  - ii) **Stratification** –
  
  - iii) **Clastic** –
  
  - iv) **Chemical Sedimentary** –
  
  - v) **Organic Sedimentary** -

### 3) Metamorphic Rocks

- a) Meaning to \_\_\_\_\_ shape
- b) Changes with \_\_\_\_\_ and \_\_\_\_\_, but remains a \_\_\_\_\_ .
- c) Takes place \_\_\_\_\_ in the Earth
- d) Define the following:
  - i) **Contact metamorphism –**
  
  - ii) **Regional metamorphism –**
  
  - iii) **Foliated –**
  
  - iv) **Non-foliated –**
- e) Which sample is foliated? \_\_\_\_\_

List the examples of igneous, sedimentary, and metamorphic listed in this presentation:

**Igneous**

**Sedimentary**

**Metamorphic**