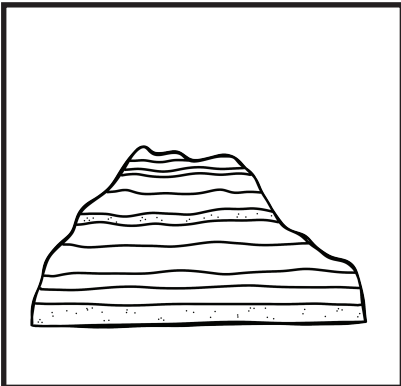


# SHOW what you KNOW THE ROCK CYCLE

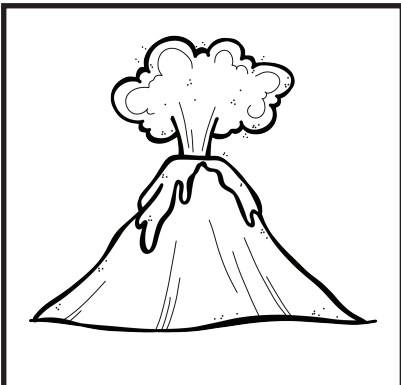
Name: \_\_\_\_\_

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

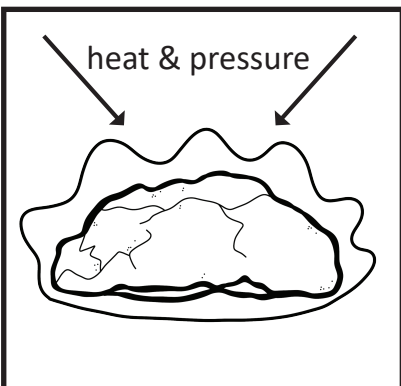
1. Identify the type of rock associated with the picture.



A:



B:



C:

2. During which process does layer upon layer of sediment build up, exerting pressure on the layers below?

- a. erosion
- b. compaction
- c. conglomerate
- d. weathering

3. Which of the following is an igneous rock?

- a. gneiss
- b. shale
- c. limestone
- d. pumice

4. Metamorphic rock transforms to sediment by \_\_\_\_\_?

- a. melting and cooling
- b. cementation and compaction
- c. weathering and erosion
- d. heat and pressure

5. Heat and \_\_\_\_\_ can change sedimentary rock into metamorphic rock.

6. Igneous rocks form from the \_\_\_\_\_ of magma or lava.

7. \_\_\_\_\_ is the process which causes magma to form.

8. Why are some igneous rocks coarse and others are smooth?

9. Which type of rock often contains fossils and how do you think this occurs?