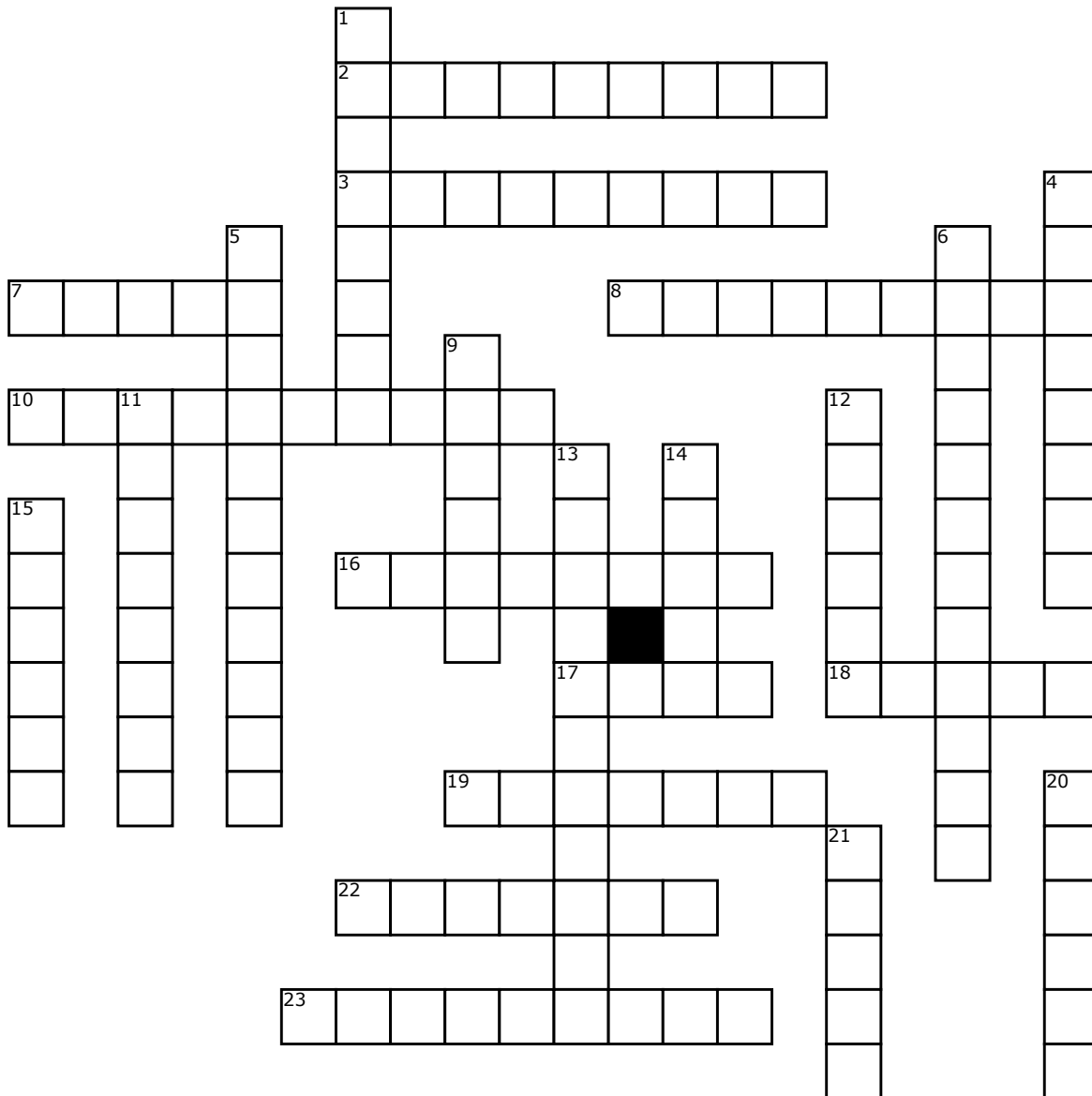


Name: \_\_\_\_\_

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

# The Rock Cycle



## Across

**2.** An igneous rock that cools on the surface (outside) on the earth is called an \_\_\_\_\_ igneous rock.

**3.** An igneous rock that cools on the inside of the earth (below the surface) is called an \_\_\_\_\_ igneous rock.

**7.** When magma cools slowly, the igneous rock will have \_\_\_\_\_ crystals.

**8.** This rock may contain fossils and is an example of sedimentary rock

**10.** The last step for sedimentary rocks to form is cementing and \_\_\_\_\_.

**16.** This type of rock has a glassy appearance without crystals and is an example of an igneous rock

**17.** For a metamorphic rock to become an igneous rock, it must \_\_\_\_\_ and then cool.

**18.** There are \_\_\_\_\_ types of rocks.

**19.** This rock forms from melting and cooling of magma or lava

**22.** You would most likely find an igneous rock near a \_\_\_\_\_.

**23.** The changing of rocks from one type to another is called the \_\_\_\_\_.

## Down

**1.** When an igneous rock is weathered, it will become \_\_\_\_\_.

**4.** For a limestone rock to become a metamorphic rock, it must be exposed to extreme heat and \_\_\_\_\_.

**5.** This rock forms from heat and pressure

**6.** In this rock you can see larger pebbles and shells that have cemented together. It is a sedimentary rock.

**9.** This rock has ribbonlike layers and is a metamorphic rock

**11.** The \_\_\_\_\_ act like cement or glue in sedimentary rocks.

**12.** This rock has tiny holes in it from gas bubbles in the lava and is an igneous rock

**13.** This rock forms from weathering, erosion, cementing and compacting

**14.** When lava cools quickly, the igneous rock will have \_\_\_\_\_ crystals.

**15.** Metamorphosis means to \_\_\_\_\_.

**20.** This rock is a metamorphic rock with shiny crystals in it.

**21.** When rocks melt, they become \_\_\_\_\_.