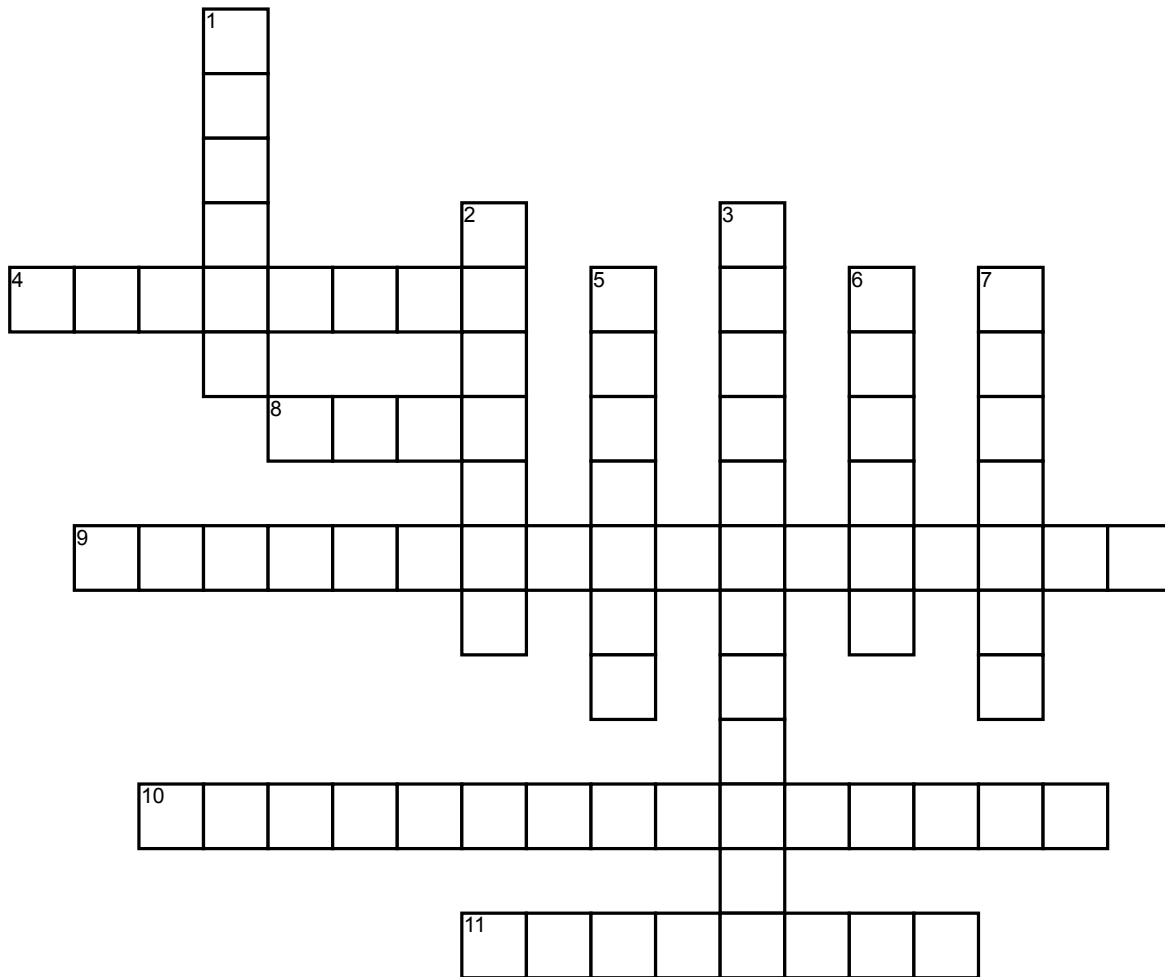


Name: \_\_\_\_\_

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

# Chapter 5



## **Across**

- 4.** the tendency of a mineral to split along specific planes of weakness to form smooth
- 8.** the standard scale against which the hardness of minerals is rated
- 9.** the basic unit of the structure of silicate minerals
- 10.** a mineral that contains a combination of silicon and oxygen
- 11.** the manner in which a mineral breaks along either curved or irregular surfaces

## **Down**

- 1.** The color of a mineral in powdered form
- 2.** the ratio of the mass of a substance to the volume of the substance
- 3.** A person who examines, analyzes and classifies minerals
- 5.** a solid whose atoms, ions, or molecules are arranged in a regular, repeating pattern
- 6.** The way in which a mineral reflects light
- 7.** what is a natural, usually inorganic solid that has a characteristic chemical composition