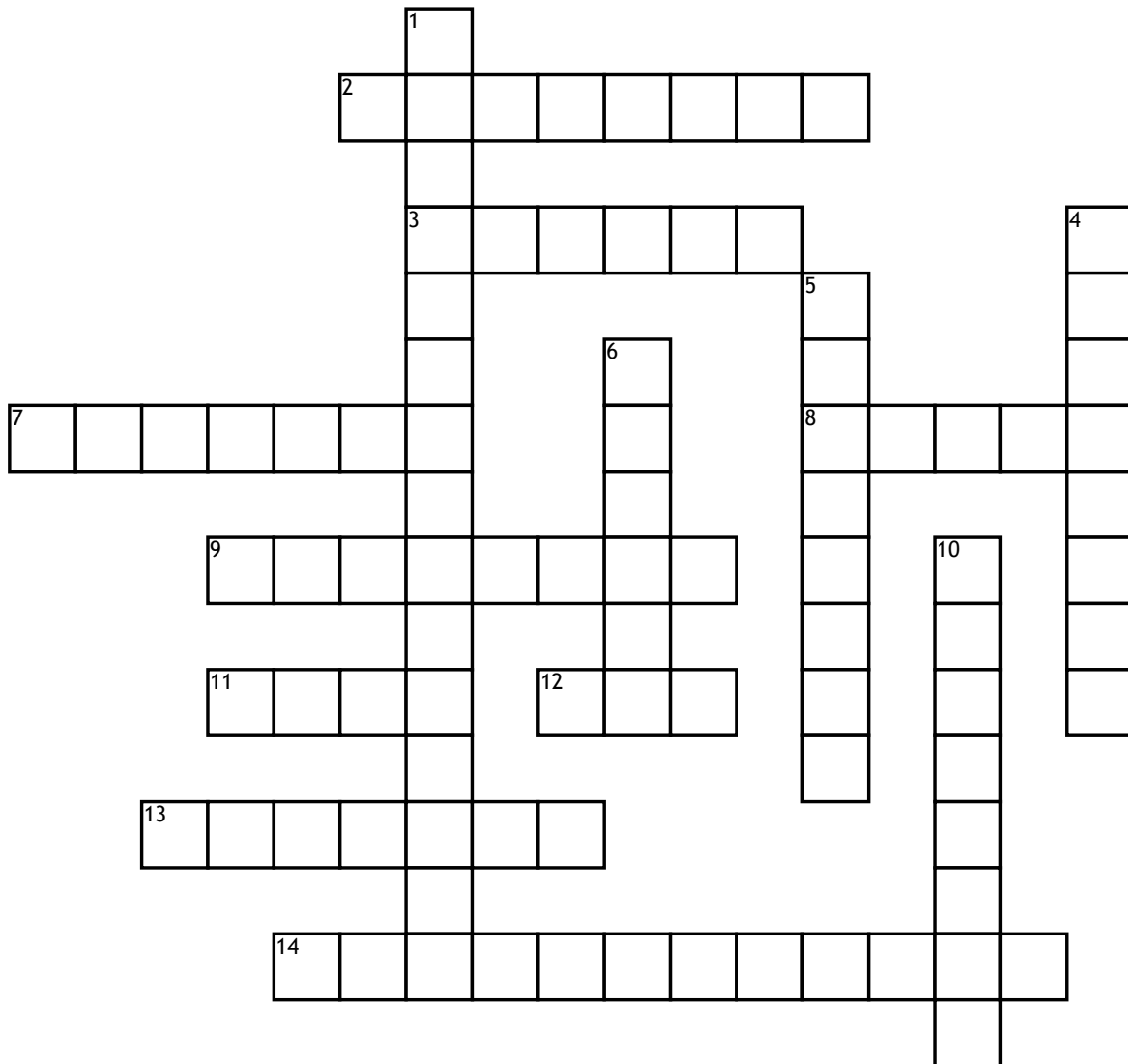


Chapter 3 Study Guide



Across

- 2. If a mineral breaks and forms uneven edges.
- 3. The color of a mineral in powdered form.
- 7. A naturally occurring, inorganic solid with a definite chemical composition and an orderly arrangement of atoms and ions.
- 8. Molten rock stored beneath Earth's surface.
- 9. A member of the mineral group that has silicon and oxygen in its crystal structure.

Down

- 11. Molten rock that erupts on or near Earth's surface.
- 12. A rock that contains high enough concentrations of a desired substance for it to be mined for a profit.
- 13. An objects mass divided by its volume.
- 14. Scientists who study the distribution of minerals, mineral properties, and their uses.

Down

- 1. The process that occurs when particles dissolved in a liquid or a melt solidify and form crystals.
- 4. If a mineral breaks with smooth, flat surfaces.
- 5. A rare and attractive mineral that can be worn as jewelry.
- 6. The way a mineral reflects or absorbs light at its surface.
- 10. The resistance of a mineral to being scratched.