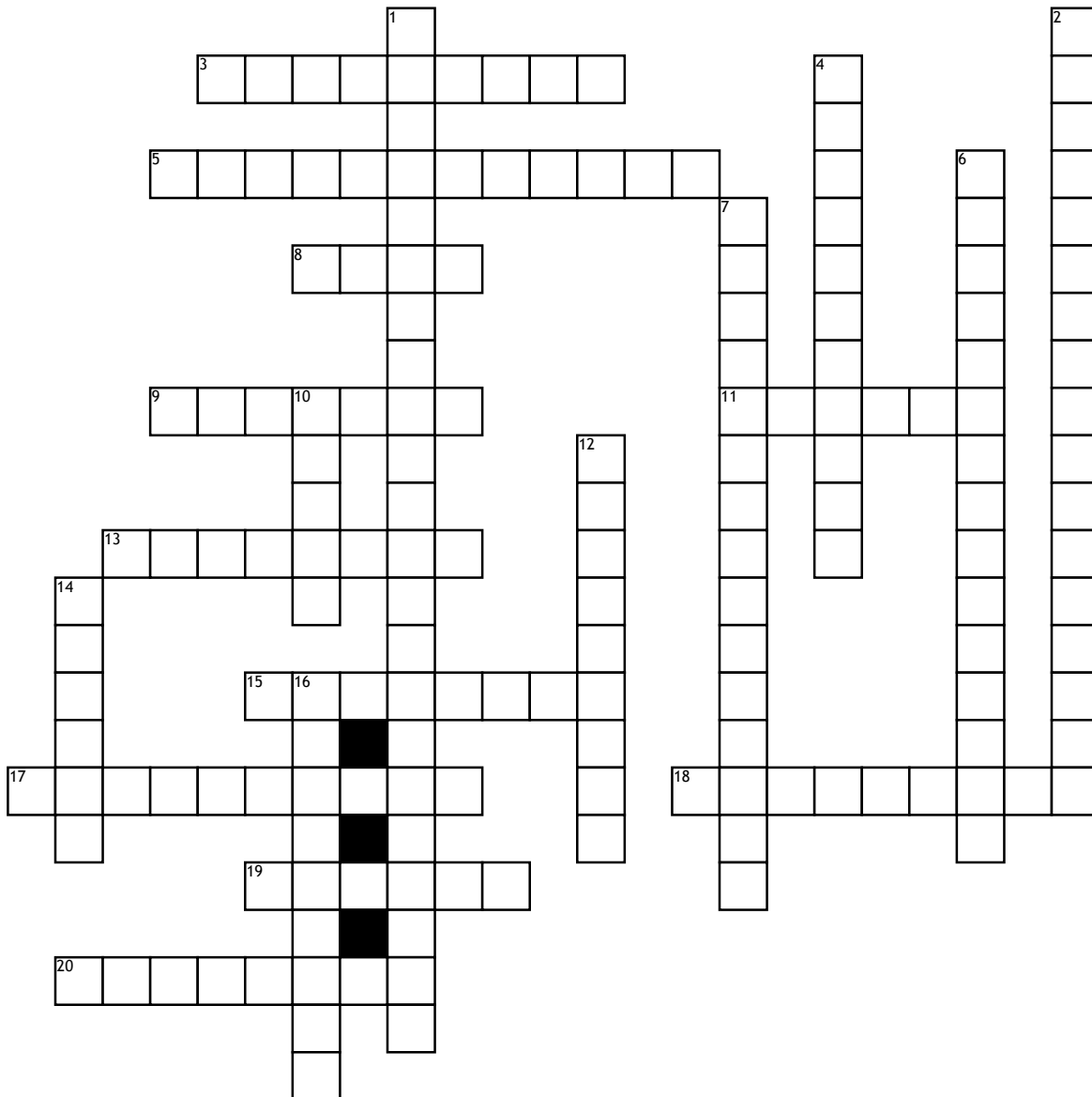


# Rocks and Minerals



## Across

3. One who studies rocks and minerals and how they're formed
5. Describes how see through a mineral is
8. Three main types are sedimentary, metamorphic, and igneous
9. A very shiny and valuable mineral; often used in jewelry
11. A type of metamorphic rock often used in construction
13. Shells, sand, fossils, and other material fragments
15. Materials that make up rocks

17. A thing or things specific to certain minerals or rocks

18. The sequence that describes the transformation of rocks into other rocks

19. A property describing how shiny different minerals look

20. A common form of igneous rock

## Down

1. Step in the rock cycle that leads from sediment to sedimentary rock

2. A scale which compares the resistance of minerals to being scratched by ten reference materials

4. Formed through the cooling and hardening of magma or lava

6. Formed through compacting and cementing

7. Formed through extreme heat and pressure

10. Through cooling forms igneous rock

12. Type of igneous rock found on earth's surface

14. A common visual property of sedimentary rocks

16. Type of igneous rock found within earth's crust