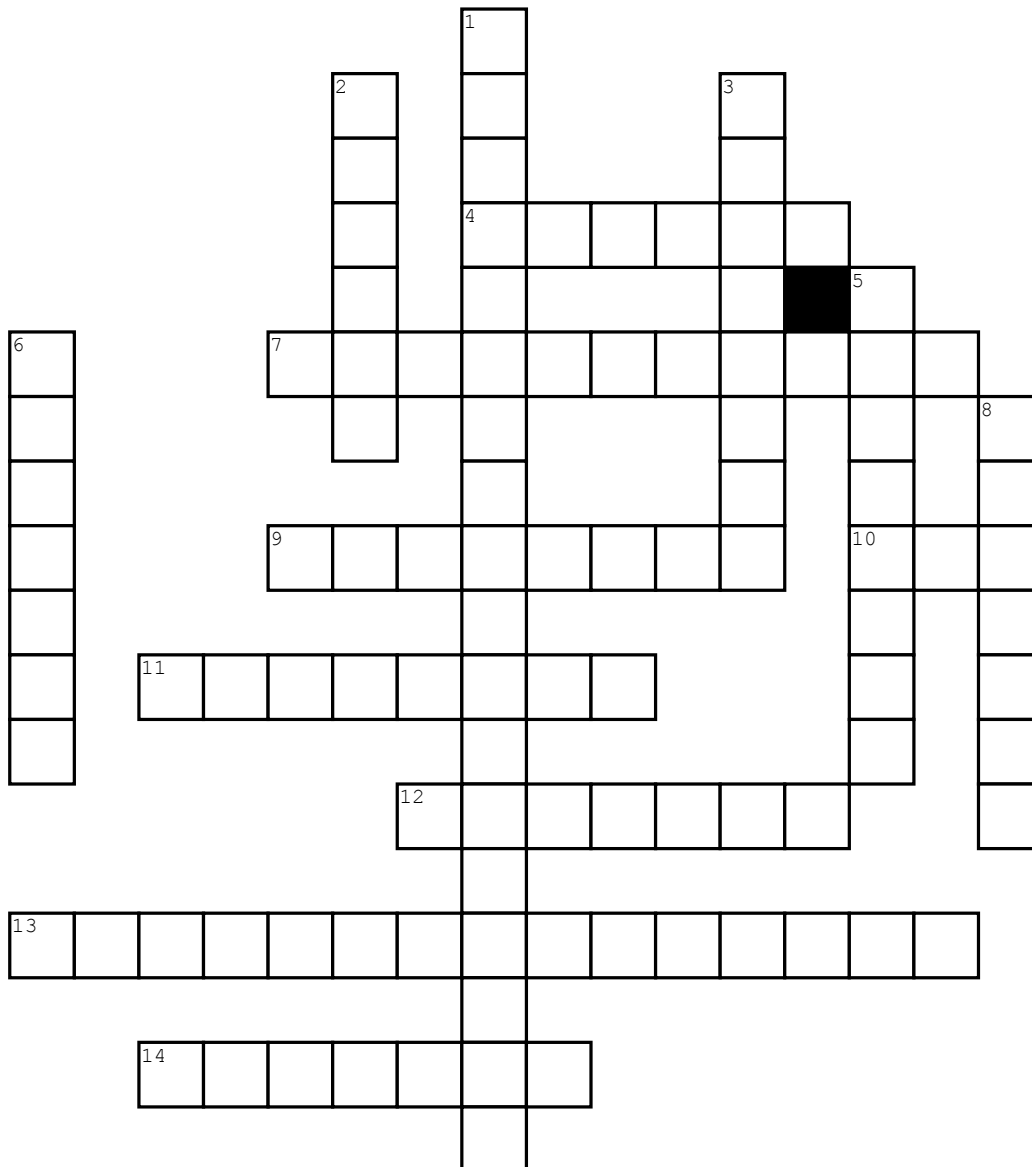


Name: _____

Minerals



Across

4. the color of powder of a mineral
7. the process of returning land to its original condition after mining is completed
9. the splitting of a mineral along smooth, flat surfaces
10. a natural material whose concentration of economically valuable minerals is high enough for the material to be mined profitably
11. a measure of the ability of a mineral to resist scratching

12. a naturally formed, inorganic solid that has a definite crystalline structure
13. a mineral that contains a combination of silicon, oxygen, and one or more metals
14. a solid whose atoms, ions, or molecules are arranged in a definite pattern

Down

1. a mineral that does not contain compounds of silicon and oxygen
2. the way in which a mineral reflects light

3. the manner in which a mineral breaks along either curved or irregular surfaces
5. a substance made up of atoms of two or more different elements joined by chemical bonds
6. the ratio of the mass of a substance to the volume of the substance
8. a substance that cannot be separated or broken down into simpler substances by chemical means