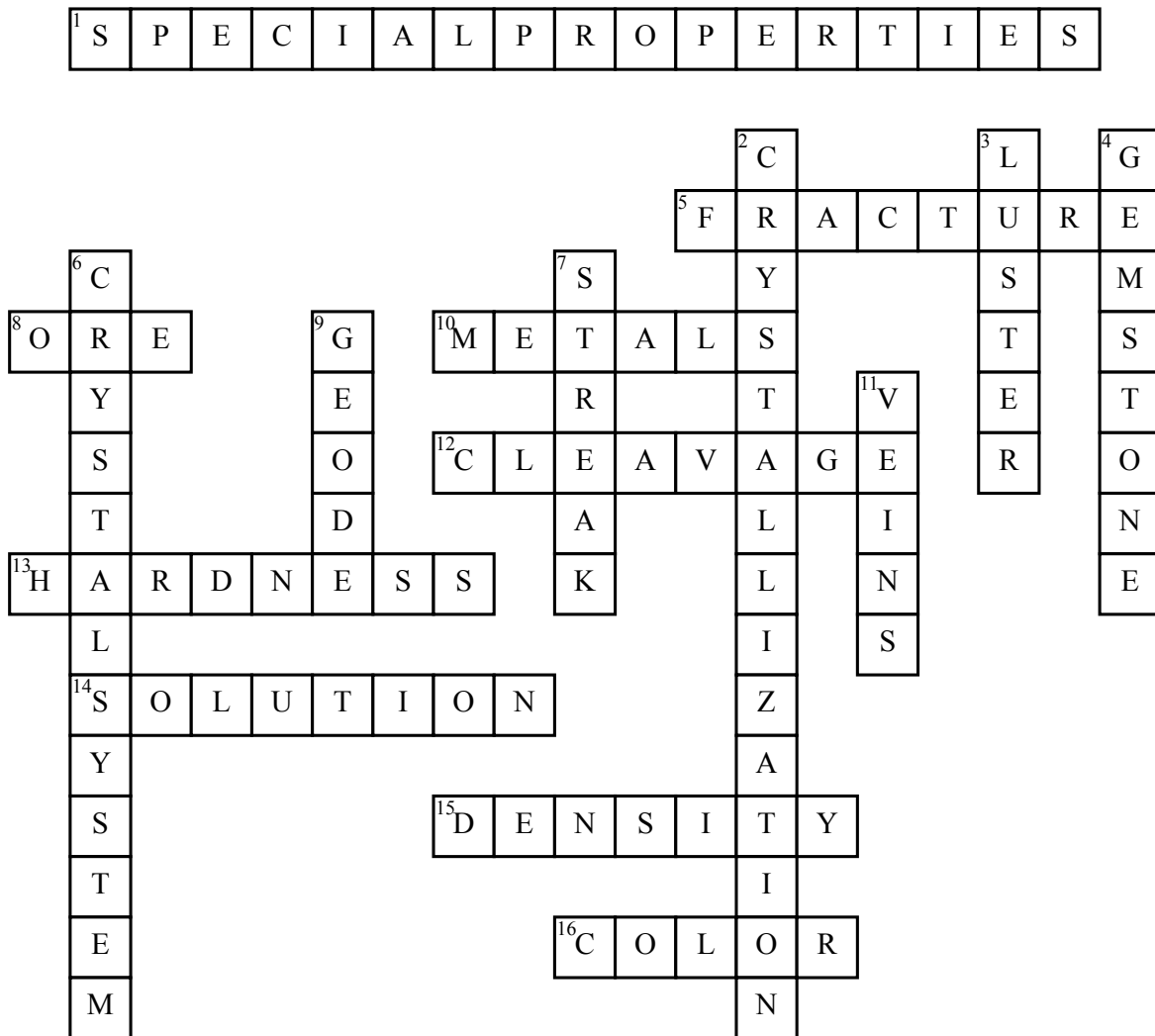


Date: \_\_\_\_\_

# Minerals



**Across**

1. can be used to help determine a mineral; examples include magnetism and ability to glow under an ultraviolet light
5. when a mineral breaks apart in an irregular way
8. a rock that contains a metal or other useful mineral that can be mined and sold at profit
10. minerals are the source of \_\_\_\_\_ such as aluminum, iron, copper, or silver
12. if a mineral breaks easily along flat surfaces

13. using the Mohs \_ scale, this scale ranks ten minerals from softest to hardest
  14. mixture in which one substance is dissolved in another
  15. each mineral has a characteristic \_ ( $d=m/v$ )
  16. used to identify a few minerals that have their own characteristic coloring
- Down**
2. process by which atoms are arranged to form a material with a crystal structure

- 3.** how light is reflected from a mineral's surface
- 4.** hard, colorful mineral that has a brilliant or glassy luster
- 6.** crystals grow atom by atom to form a particular structure
- 7.** color of a mineral's powder
- 9.** rounded, hollow rock that is often lined with mineral crystals
- 11.** narrow channels or slab of mineral that is different from the surrounding rock