



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

### Match each of the following terms to its definition:

Specific gravity

Streak color

Ore

Luster

Rock

Smelting

Mohs Hardness Scale

Mineral

1. \_\_\_\_\_ - a solid, inorganic material with a crystal structure that is formed by natural processes; nutrients that are absorbed by plants from the soil and cannot be made by living organisms



2. \_\_\_\_\_ - a scale which ranks the hardness of 10 minerals from 1-10; 1 (softest) to 10 (hardest)

3. \_\_\_\_\_  
economic  
economic



4. \_\_\_\_\_  
minerals

5. \_\_\_\_\_  
metals and

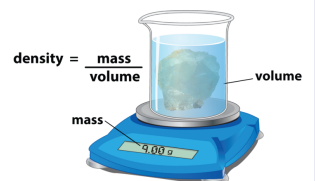
**PREVIEW**  
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6. \_\_\_\_\_ - the color of a mineral when it is crushed to a powder; usually seen by rubbing the mineral specimen on a piece of unglazed porcelain called a streak plate

7. \_\_\_\_\_ - a physical property of minerals that describes the way light reflects off of a mineral's surface; there are two main types of luster: metallic and nonmetallic



8. \_\_\_\_\_ - a measure of a mineral's density; determined by comparing the mass of a mineral to the mass of an equal volume of water





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### Match each of the following terms to its definition:

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Mineral

**1. mineral** - a solid, inorganic material with a crystal structure that is formed by natural processes; nutrients that are absorbed by plants from the soil and cannot be made by living organisms



**2. Mohs Hardness Scale** - a scale which ranks the hardness of 10 minerals from 1-10; 1 (softest) to 10 (hardest)

**3. ore** - profitable



**4. rock** - sometimes

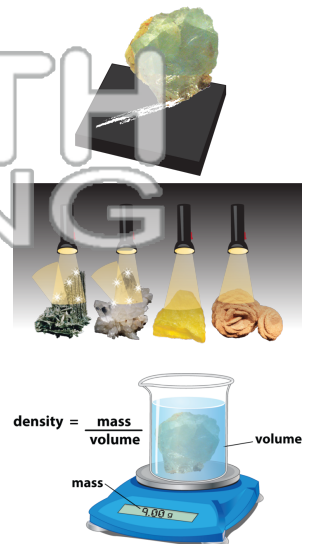
**5. smelt** and mine

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**6. streak color** - the color of a mineral when it is crushed to a powder; usually seen by rubbing the mineral specimen on a piece of unglazed porcelain called a streak plate

**7. luster** - a physical property of minerals that describes the way light reflects off of a mineral's surface; there are two main types of luster: metallic and nonmetallic

**8. specific gravity** - a measure of a mineral's density; determined by comparing the mass of a mineral to the mass of an equal volume of water



$$\text{density} = \frac{\text{mass}}{\text{volume}}$$