

Name _____



Classify Like a Geologist

Instructions: You are working in the **Rock Sorting Lab**, and a shipment of mixed rock samples has just arrived. Your job is to read each sample description carefully and decide if it belongs in the **Igneous**, **Sedimentary**, or **Metamorphic** category. Write the number of the description in the correct column of the sorting chart below.

1. Light-colored rock with large crystals formed from magma cooling slowly underground.
2. Rock made from layers of hardened volcanic ash.
3. Rock created from shell fragments pressed together over time.
4. Dark, glassy rock formed when lava cools so quickly that no crystals form.
5. Rock with visible layers of different minerals, created by heat and pressure.
6. Rock made of sand grains cemented together.
7. Foamy-textured rock formed when gas bubbles get trapped in cooling lava.
8. Rock that began as shale but was transformed by heat and pressure into a harder form.
9. Smooth rock formed from pebbles cemented together.
10. Hard, crystalline rock that began as limestone but was changed deep underground.

Igneous Rocks	Sedimentary Rocks	Metamorphic Rocks