

Name _____



Name That Rock Type

Instructions: Below are **twelve rock descriptions** from a "Rock Museum Exhibit." Each description gives clues about how the rock formed or what it looks like. Classify each one as **Igneous (I)**, **Sedimentary (S)**, or **Metamorphic (M)**. Write the correct letter (I/S/M) next to each description.

The Rock Museum Exhibit

1. Shiny black rock formed when lava cools so quickly that crystals can't form, often called volcanic glass.
2. Rock made from sand grains pressed and cemented together over millions of years.
3. Rock that began as limestone but was changed by heat and pressure into a harder rock used for sculpture.
4. Light-colored rock with large crystals, formed when magma cools slowly underground.
5. Rock made from layers of mud and clay compacted over time, often containing fossils.
6. Rock with ribbon-like bands, formed from granite under intense pressure deep in the crust.
7. Rock formed from cooled lava flows on the ocean floor, with tiny mineral crystals.
8. Rock made from pebbles and stones cemented together in a natural "concrete."
9. Rock formed from volcanic ash layers that hardened after an eruption.
10. Rock created when shale was subjected to heat and pressure, becoming harder and more dense.
11. Rock with a bubbly texture from gas trapped as lava cooled on the surface.
12. Rock made of shell fragments pressed together into a solid mass.