

Name \_\_\_\_\_

## Rock Cycle Process Match-Up

**Instructions:** Below are **eight key rock cycle processes** and **eight definitions**. Match each process to the correct definition by writing the letter of the definition next to the process number.

1. Weathering

2. Erosion

3. Deposition

4. Compaction

5. Cementation

6. Melting

7. Cooling and Solidification

8. Metamorphism

A. Movement of rock particles from one place to another by wind, water, ice, or gravity.

B. Rock fragments are pressed together by the weight of overlying materials.

C. Process where rocks are broken down into smaller pieces by physical or chemical means.

D. Rock changes into a new type under intense heat and pressure without melting.

E. Molten rock cools and hardens into solid rock, forming crystals if cooled slowly.

F. Loose sediments are glued together by minerals filling spaces between grains.

G. Molten rock forms when solid rock is heated past its melting point deep within Earth.

H. Sediments settle out of wind, water, or ice and collect in layers.

