

Name _____

Rock Cycle Stages Sequencing Answer Key

1. **Eruption & Cooling: H** - Lava erupts and cools to form igneous rock.
2. **Fresh Igneous Rock: B** - Magma cools underground or on the surface to form solid igneous rock.
3. **Breaking Down: G** - Weathering and erosion break rock into sediments.
4. **Sediment Movement: C** - Sediments are carried away and deposited.
5. **Building Layers: D** - Sediments are compacted and cemented into sedimentary rock.
6. **Pressure & Heat: F** - Sedimentary rock is pushed deep underground.
7. **Metamorphic Transformation: A** - Rock changes into metamorphic rock under heat and pressure.
8. **Melting Return: E** - Metamorphic rock melts into magma, starting the cycle again.

Final Sequence: H → B → G → C → D → F → A → E