

Name _____

Rock Cycle Cause-and-Effect Detective Answer Key

Cause #	Effect Letter	Explanation
1	C	Magma cooling underground solidifies slowly into igneous rock.
2	B	Sediments compact and cement to form sedimentary rock.
3	E	Heat and pressure change existing rock into metamorphic rock.
4	D	Weathering and erosion break rocks into smaller particles.
5	H	Rock melts under extreme heat, becoming magma.
6	A	Sediments are deposited, creating new layers.
7	G	Lava cools quickly after eruption, forming igneous rock.
8	F	Uplift pushes rock layers upward to the surface.