

Name _____

Rock Transformation Stories Answer Key

1. Igneous rock changes to sediments through **weathering and erosion**, which can later become sedimentary rock.
2. Sedimentary rock changes to metamorphic rock through **heat and pressure**.
3. Sedimentary rock melts to form **magma**, which can cool into igneous rock.
4. Igneous rock changes to sediments through **weathering and erosion**, which can later become sedimentary rock.
5. Shale (sedimentary) changes to slate (metamorphic) through **heat and pressure**.
6. Marble (metamorphic) undergoes **chemical weathering** caused by acid rain, breaking it down into sediments.