

Name: _____

Period: _____

Date: _____

Chemical Weathering Bell Work – Student Edition

On the blank, put a check (✓) if the statement about Earth’s structure and surface is true. Otherwise, put a cross (✗).

- _____ 1. Earth’s structure is divided into three distinct layers – crust, mantle, and core.
- _____ 2. The thickest layer of the Earth is the crust.
- _____ 3. The land part of the Earth is referred to as the lithosphere.
- _____ 4. The continental crust is the outermost part of the lithosphere that is found under the oceans.
- _____ 5. Plate boundaries are the boundaries of tectonic plates.
- _____ 6. A tectonic plate is a massive, irregularly shaped slab of rock that is composed of both continental and oceanic crusts.
- _____ 7. The main heat transfer mechanism in Earth’s mantle is conduction.
- _____ 8. Continental drift is the gradual movement of the continents across Earth’s surface through geological time.
- _____ 9. A volcano is an opening in the Earth’s core through which lava, volcanic ash, and gases escape.
- _____ 10. An earthquake is a sudden and violent shaking of the ground.