

Name: _____

Date: _____

Building Up and Wearing Down Earth's Surface

Which action (building up or wearing down) does each scenario describe? Indicate your answer by marking the matching box with an **X**. (Mark only one box for each scenario.) Then write the science word or words that describe what causes each scenario.

Scenarios	Building Up	Wearing Down	What Is the Cause? (Plate Collisions, Volcanic Eruptions, Weathering, Erosion, Deposition)
1. After a heavy rain, a lot of dirt is washed from people's yards into the street.			
2. On a map, we see a long mountain chain along the western coast of South America.			
3. Potholes are caused when water freezes and thaws in cracks in the street.			
4. A new island appears in the Pacific Ocean.			
5. Tree roots are growing in the crack of a rock and break the rock apart.			
6. Wind blows dirt across a field.			
7. Big waves from an ocean storm wash away some of the beach sand.			
8. Lava from a volcano flows across the land and cools into layers of rock.			
9. Where the Mississippi River empties into the Gulf of Mexico, the land has grown outward into the gulf about 10-50 miles over the last 5,000 years.			
10. Some old gravestones are pitted and cracked.			
11. A stream meanders slowly through a field. Over time, a sandbar appears in the middle of the stream.			