Name Answer Key Date _____ Class _____

Changing Earth's Surface

Understanding Main Ideas

Identify each of the examples below by writing landslide, mudslide, slump, or creep on the line beside it.

mudflow **1.** Watery clay soil slides down a mountain.

creep **2.** A telephone pole leans downhill.

landslide **3.** Rock at the top of a cliff suddenly falls.

landslide **4.** As you step on the mountain path, bits of rock and soil fall downhill.

slump **5.** After a heavy rainfall, soil on a desert hill slides to the bottom.

creep **6.** After many years, a gravestone on a hillside falls over.

landslide **7.** Rock and soil suddenly slip downhill in one large mass.

landslide **8.** During an earthquake, rock and soil move down a slope.

Answer the following questions on a separate sheet of paper.

9. What causes mass movement? Mass movement is caused by gravity.

10. Describe how three processes act together to wear down and build up Earth's surface. Weathering frees sediment from rocks. Erosion moves sediment downhill. Deposition lays sediment down in low areas. All three together move materials from high to low areas.

11. What is the difference between a mudflow and a landslide? A mudflow is a landslide containing wet materials; up to 60% of a mudflow can contain water. The water makes the material heavier, and more easily loosened.

Building Vocabulary

Fill in the blank to complete each statement.

12. The agents of erosion lay down sediment in new locations in a process called deposition.

13. The material moved by erosion is called sediment.

14. The process by which natural forces move weathered rock and soil from one place to another is called erosion.

15. Mass movement includes several processes caused by gravity that move sediment downhill.

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