

**CHAPTER REVIEW**

Chapter **15**

**Earth's Crust in Motion**

**I. Vocabulary Review**

*Unscramble the words in the following list. Then, in the space provided, write the word or phrase from the list that best completes each statement.*

sams twisgan      prcee      tulaf      onidoallpf      lumfowd      nedslaid

1. A rapid downhill movement of rock and soil is called a(n) \_\_\_\_\_.
2. \_\_\_\_\_ refers to any downhill movement of soil or rock due to gravity.
3. Movement of earth in steep, wet areas is most likely to occur as a(n) \_\_\_\_\_.
4. A(n) \_\_\_\_\_ is a flat, low area near a stream that is covered with sediment when the stream overflows.
5. A(n) \_\_\_\_\_ is a large break in the crust along which movement has occurred.
6. A slow, flowing movement of soil is \_\_\_\_\_.

**II. Concept Review**

*Use the space provided to explain the relationship between the words in each word pair.*

7. creep, water \_\_\_\_\_
8. unstable soil, leaning Tower of Pisa \_\_\_\_\_  
\_\_\_\_\_
9. fire, mudflow \_\_\_\_\_
10. acid, sinkhole \_\_\_\_\_
11. crossbrace, earthquake \_\_\_\_\_

*Answer the following questions in phrases or complete sentences.*

12. How do unstable soils differ from stable soils, and why are stable soils better for building?  
\_\_\_\_\_  
\_\_\_\_\_
13. Distinguish among falls, slides, and flows. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Chapter Review 15 (continued)

14. How can stream erosion affect a home site? \_\_\_\_\_

\_\_\_\_\_

15. Compare and contrast earthquakes and landslides. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

16. What dangers do mudflows pose? \_\_\_\_\_

\_\_\_\_\_

### III. Skills/Process Review

Use the figure to answer the following questions. Write the letter of the correct choice in the blank.

\_\_\_\_\_ 17. What do you think happens to the plaster when the vinegar contacts it?

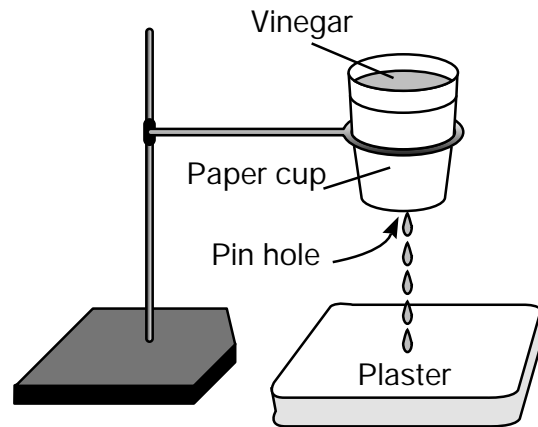
- a. It cracks.
- b. It dissolves.
- c. It expands.
- d. It contracts.

\_\_\_\_\_ 18. What does the plaster represent?

- a. sandstone
- b. quartz
- c. limestone
- d. shale

\_\_\_\_\_ 19. What does the vinegar represent?

- a. mildly acidic water
- b. sulfuric acid
- c. carbolic acid
- d. chlorinated water



### IV. Feature Review

20. **Science and Society: Other People's Money** What are some reasons people build homes in areas known to be at risk of earthquakes and floods? \_\_\_\_\_

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