6th Grade Erosion and Weathering Review Sheet

Modified True/False
Indicate whether the sentence or statement is true or false. If false, change the identified word or phrase to make the sentence or statement true.

_____ 1. As plants grow, their roots can break rocks apart. _____

_____ 2. Erosion is a natural process that causes rock to change, break down, and crumble. _____

_____ 3. Acid rain causes mechanical weathering. _____

_____ 4. Chemical weathering takes place fastest in a hot, dry climate. _____

_____ 5. Plant roots produce carbonic acid that reacts with minerals in a rock to weaken it. _____

_____ 6. Sandstone weathers into a clayey soil. _____

_____ 7. As time passes, a soil becomes more like the rock it came from. _____

_____ 8. In lowland areas wind and water deposit sediments that form thick soils. _____

_____ 9. The city of New Orleans is built on the outwash formed by the Mississippi River. _____

_____ 10. The most important agent of erosion is wind. _____

_____ 11. Weathering is the wearing away and removal of rock materials. _____

_____ 12. Cirques are formed by glaciers. _____

_____ 13. When a wind carrying sediment slows down it drops its sediment. _____

_____ 14. Creep produces rocks with smooth, polished surfaces. _____

Multiple Choice
Identify the letter of the choice that best completes the statement or answers the question.

_____ 15. _____ often causes potholes in streets.
a. Abrasion
b. Runoff
c. Iron oxide
d. Ice wedging

_____ 16. The volume of ice is _____ the volume of an equal amount of water.
a. less than
b. greater than
c. the same as
d. unrelated to

_____ 17. Mechanical weathering can be caused by _____.
a. animals
b. carbon dioxide
c. tannin
d. oxygen

_____ 18. Plants are a factor in _____ weathering.
a. physical
b. chemical
c. mechanical
d. both b and c

_____ 19. _____ cause chemical weathering.
a. Freezing and thawing
c. Acids and oxygen