

Earth Science Field Work Practice Worksheet

Name

1. Geologists say that the Grand Canyon has "layer cake geology" because
 - a. The canyon contains rock formations that are in the shape of cakes
 - b. The rock layers are separated by vast expanses of space
 - c. The rock layers in the canyon are the colours of cake and frosting
 - d. The rock strata are easy to see

2. The purpose of a field trip in Geology is pure fun.
 - a. TRUE
 - b. FALSE

3. Which of the following method(s) is/are used in field work?
 - a. Direct observation
 - b. Analyses of collected data
 - c. Mapping
 - d. All of the above

4. The Southwestern United States is a great place to study geology because:
 - a. The region is arid
 - b. The rocks and structures are easily seen
 - c. Both A and B
 - d. None of the above

5. This string of islands found in the Pacific Ocean is made by a hot spot.
 - a. Hawaii
 - b. Bahamas
 - c. Florida Keys
 - d. Japan

6. Why do Earth scientists go into the field?
 - a. To gather samples
 - b. To make measurements
 - c. To create a geological map
 - d. All of these

7. In north of California are the Cascades Mountains, beginning with Mount Shasta.
- a. TRUE
 - b. FALSE
8. The basic geography of California from west to east is this:
- a. coast range-central valley-high mountains-arid desert
 - b. arid desert-coast range-central valley-high mountains
 - c. coast range-arid desert-high mountains-central valley
 - d. high mountains-central valley-coast range-arid desert
9. Field trips do not provide any valuable information to the geologist.
- a. TRUE
 - b. FALSE
10. Many Earth scientists collect data in the field through observations and measurements.
- a. TRUE
 - b. FALSE

