

Evolution

Name:

Evidence of Changes over Time

Period:

Use Chapter 10, Section 1 of your textbook to answer the questions below.

Evidence of Changes Over Time (p.300)

1. The evidence that organisms have changed over time is _____ in sedimentary rock.
2. _____ rock is made of sand, dust, or soil in layers.
3. Older layers of rock are found _____ younger layers of rock.

Fossils

4. What are fossils?
 - a. the traces or remains of organisms that lived long ago
 - b. adaptations of once-living organisms
 - c. layers of Earth
 - d. old rocks
5. Look at the trilobite fossil in Figure 3. Where did it live?
 - a. in rock
 - b. in a forest
 - c. in water
 - d. in a desert
6. What helps make fossils by covering dead organisms?
 - a. dirt
 - b. air
 - c. water
 - d. sediment
7. An organism can be replaced by minerals that turn it into _____ .

The Fossil Record

8. The fossil record is made up of all of the _____ that have ever been found.
9. What is the fossil record?
 - a. the rocks that cover fossils
 - b. a book about fossils
 - c. a timeline of life
 - d. the minerals that form fossils
10. What do we know about fossils found in newer layers of Earth?
 - a. They are the oldest fossils.
 - b. They are close relatives of organisms alive now.
 - c. They are evidence of the earliest life forms on Earth.
 - d. They are not really fossils yet.
11. Comparing fossils provides evidence of how organisms have _____ over time.

