

Evolution

Name:

Evidence of Changes over Time

Period:

Use Chapter 10, Section 1 of your textbook to answer the questions below. The word banks can be used to fill out the sentences below them.

below buried changed fossils sedimentary stone

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.

