

3-4 How are sedimentary rocks formed?

Lesson Review

Write the letter of the term or phrase that best completes each statement in the spaces provided.

- _____ 1. Each of the following could be a sediment, *except*
a. gravel. b. sand. c. water. d. seashells.
- _____ 2. Most sedimentary rocks are formed in
a. volcanoes. b. the mantle. c. mountains. d. water.
- _____ 3. One way that sediments become solid rock is when
a. they are mixed with other sediments. b. water mixes with the sediments.
c. sand is mixed with the sediments. d. water and air are squeezed from between sediment layers.
- _____ 4. Sediments in water often become solid rock when
a. air is added to the sediments. b. minerals cement the sediments together.
c. sand cements the sediments together. d. more sediments are added to the sediments.
- _____ 5. Seashells become sedimentary rock when they are cemented together by
a. calcium carbonate. b. sand. c. limestone. d. water.

Skill Challenge

Skills: *interpreting diagrams, sequencing*

Match each diagram with its caption by writing the letter of the correct caption in the space beside each diagram. Then, in the space provided, write the correct order of the diagrams.

Figure 1

Caption _____

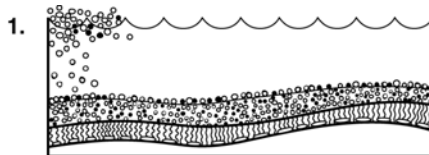


Figure 2

Caption _____

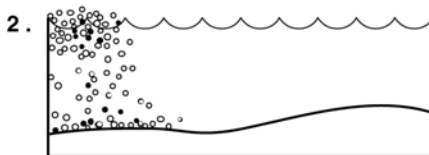


Figure 3

Caption _____

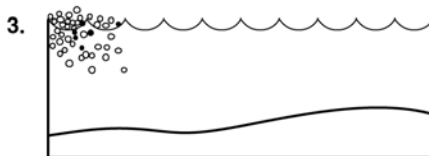
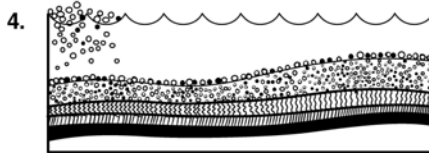


Figure 4

Caption _____



Captions

- a. More layers of sediment form.
- b. Older sediment becomes rock under the weight of the upper layers, which squeeze out water and air.
- c. The sediment settles to the ocean bottom.
- d. Sediment is added to ocean water.

5. The correct order of the diagrams is: _____