





Name: _____ Date: _____

THIRD GRADE–SCIENCE (SCIENCE3_1)

1. Volcanoes form what type of rock?

- A. sedimentary
 - B. igneous
 - C. coal
 - D. metamorphic
-

2. Which animal would be LEAST LIKELY to form a fossil?

- A.  **fish**
 - B.  **jellyfish**
 - C.  **elephant**
 - D.  **bird**
-

3. Stan saw tiny crystals inside a rock. He should know that the rock has

- A. a fossil inside.
 - B. minerals inside.
 - C. soil inside.
 - D. air inside.
-

4. Jacob is studying minerals. Which will NOT help him name the mineral?

- A. the shape of the crystals
- B. the size of the mineral
- C. the color of a mark made by the mineral
- D. the hardness of the mineral

5. Mrs. Dodge's class is studying minerals. To find the name of each mineral, the student must know

- A. the shape of the mineral.
 - B. the size of the mineral.
 - C. the color of the mark made on a tile.
 - D. the weight of the mineral.
-

6. Which rock breaks up the fastest?

- A. rock deep underground
 - B. rock with small crystals
 - C. rock with fossils
 - D. rock that is easy to scratch
-

7. Fossils of fish are found under land where cows now live. You know that

- A. this land was once under the ocean.
 - B. fish used to live on land.
 - C. the fish were dropped by flying birds.
 - D. farmers fed the fish to the cows.
-

8. Donna wants to make something that looks like a fossil. Which should she do?

- A. wrap a leaf around a rock and freeze it
 - B. cover a seed with soil and water it
 - C. push a shell into clay and pull it out
 - D. mix sand with clay and let it dry
-

9. Which is NOT true about minerals?

- A. Minerals are part of rocks.
 - B. Minerals are fossils.
 - C. Minerals are solid.
 - D. Minerals are crystals.
-

10. Fossils help us learn about

- A. outer space.
- B. life in the past.
- C. the weather.
- D. earthquakes.

11. Which mineral is HARDEST?

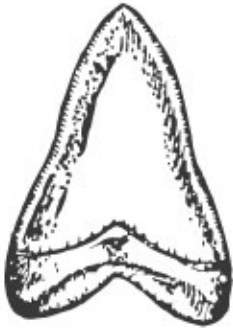
- A. copper
 - B. diamond
 - C. gold
 - D. mica
-

12. If you found a rock with fossils in it, you would know that the rock was probably formed

- A. by a volcano.
- B. beneath layers of other rock.
- C. in a mountain area.
- D. near Earth's center.

13.

Use the picture below to answer this question.



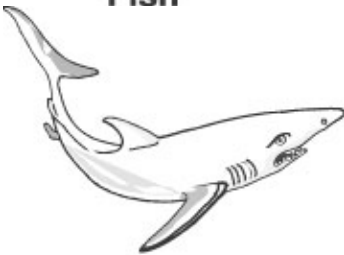
The picture shows a fossil tooth. Which animal has teeth like the fossil?

A.



Fish

B.



Shark

C.



Frog

D.



Snail

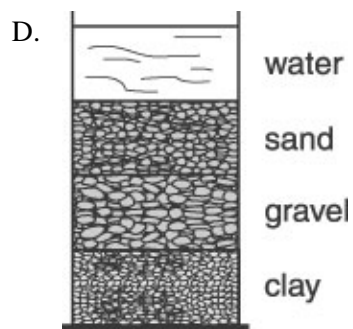
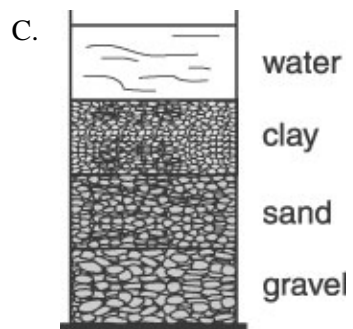
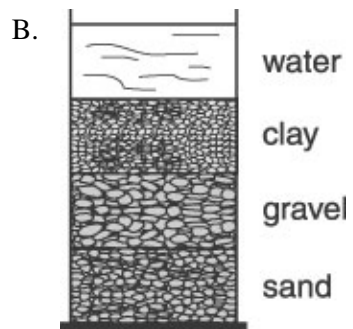
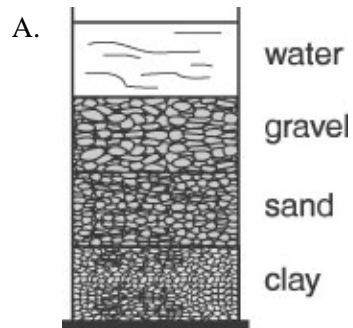
14. High temperatures inside Earth form

- A. melted rock.
 - B. fossils.
 - C. soil.
 - D. minerals.
-

15. Which mineral is the hardest?

- A. salt
- B. diamond
- C. gold
- D. quartz

16. Harry put some soil into a tube. He added some water, shook it up, and let it settle. Which shows the layers that he saw?

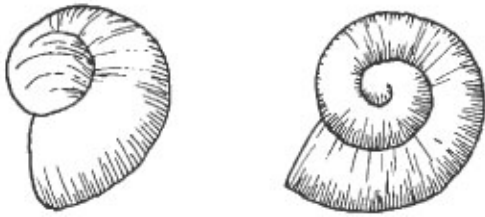


17. Some fossils are shaped like the clams that are alive today. This tells us that

- A. clams turn into fossils very quickly.
- B. other living things can look like clams.
- C. clams became extinct, and then new ones grew.
- D. clams have been on Earth for a very long time.

18.

Use the pictures below to answer this question.

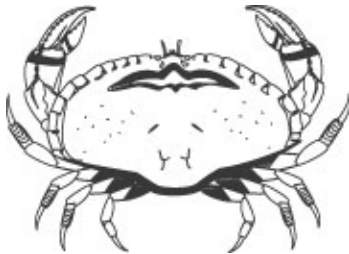


Which fossil belongs with the fossils above?

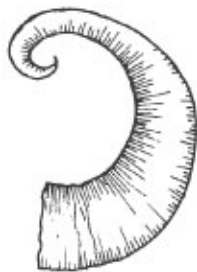
A.



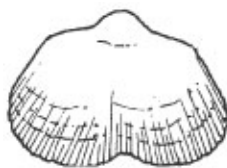
B.



C.



D.



19. Which is NOT a kind of soil?

- A. clay
 - B. mineral
 - C. loam
 - D. sand
-

20. Rocks break down to

- A. plants.
 - B. cells.
 - C. fossils.
 - D. soil.
-

21. Scientists use a scratch test to help identify

- A. smells.
 - B. leaves.
 - C. insects.
 - D. minerals.
-

22. When lava from an erupting volcano cools, it forms

- A. metamorphic rocks.
 - B. igneous rocks.
 - C. iron ore.
 - D. sand.
-

23. Minerals are made from smaller parts called

- A. soil.
 - B. rocks.
 - C. elements.
 - D. fossils.
-

24. Granite is a kind of

- A. energy.
- B. fossil.
- C. rock.
- D. mineral.

25. Which part of an animal might form a fossil?

- A. brain
- B. bones
- C. eyes
- D. heart

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(Answer Key)

1. igneous

2.



jellyfish

3. minerals inside.

4. the size of the mineral

5. the color of the mark made on a tile.

6. rock that is easy to scratch

7. this land was once under the ocean.

8. push a shell into clay and pull it out

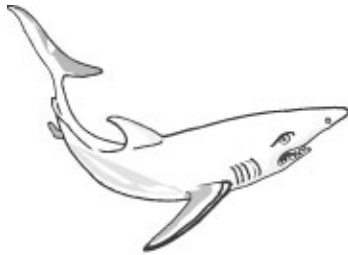
9. Minerals are fossils.

10. life in the past.

11. diamond

12. beneath layers of other rock.

13.

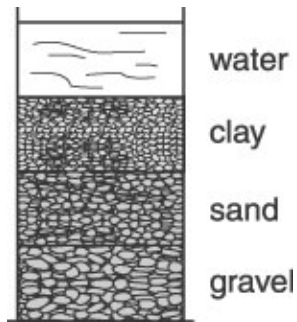


Shark

14. melted rock.

15. diamond

16.



17. clams have been on Earth for a very long time.

18.



- 19. mineral
- 20. soil.
- 21. minerals.
- 22. igneous rocks.
- 23. elements.
- 24. rock.
- 25. bones