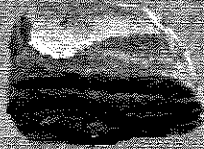
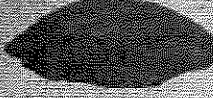



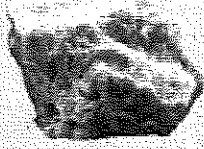





# What Is a Rock?

The Grand Canyon is made of nearly 40 different rock layers. The layers include sandstone, shale, and limestone.

Those rocks are made from **sediment**. Sediment is small pieces of sand, clay, or seashells that are carried by water.

Rocks and the sediment they contain are made of **minerals**. A mineral is a natural material found in the ground. Read the chart to learn more.

Name of Rock	Type of Sediment	Mineral It May Contain
 sandstone	 grains of sand	 quartz
 shale	 clay	 feldspar
 limestone	 seashells	 calcite

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Directions:** Answer the following four questions based on the information in the passage.

1. What is the Grand Canyon made of?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. What are rocks made of?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. According to the article, what type of rock is made up of sediment clay?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. What is this passage mostly about?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Directions:** Please read the sentence below and then write the word or phrase that best answers the questions. The first answer has been provided for you.

*In the Grand Canyon, the rock layers are made from sediment as small pieces of sand, clay, or seashells are carried by water.*

What? the rock layers

5. (are) What?

\_\_\_\_\_

-----

\_\_\_\_\_

-----

\_\_\_\_\_

6. Where?

\_\_\_\_\_

-----

\_\_\_\_\_

-----

\_\_\_\_\_

7. How?

\_\_\_\_\_

-----

\_\_\_\_\_

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\_\_\_\_\_

8. The question below is an incomplete sentence. Choose the word that best completes the sentence.

The Grand Canyon is made up of nearly 40 different rock layers  
\_\_\_\_\_ different types of rocks make up these layers.

A but

B because

C so

**Directions:** Read the vocabulary word and definition below. Then answer questions 9 and 10.

Vocabulary Word: **mineral** (min · er · al): a natural material found in the ground that is not living.

9. Read the sentences below and underline all forms of the word **mineral**.

- a. The miners were digging in the ground for gold, and they were happy when they found expensive minerals.
- b. Zinc is a natural mineral that helps keep people healthy.
- c. The rock that the student found was made up of many different minerals from the ground.
- d. Vitamins and minerals are important to keep people healthy.
- e. Quartz is a mineral that makes up sandstone, and it is found in the ground.

10. Where would minerals most likely be found? Explain your answer.

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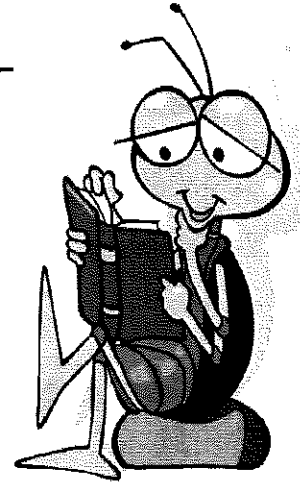
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Name: \_\_\_\_\_

## Addition



Find the sums.

a. 
$$\begin{array}{r} 72 \\ + 19 \\ \hline \end{array}$$

b. 
$$\begin{array}{r} 46 \\ + 27 \\ \hline \end{array}$$

c. 
$$\begin{array}{r} 14 \\ + 33 \\ \hline \end{array}$$

d. 
$$\begin{array}{r} 83 \\ + 36 \\ \hline \end{array}$$

e. 
$$\begin{array}{r} 50 \\ + 57 \\ \hline \end{array}$$

f. 
$$\begin{array}{r} 67 \\ + 8 \\ \hline \end{array}$$

g. 
$$\begin{array}{r} 56 \\ + 65 \\ \hline \end{array}$$

h. 
$$\begin{array}{r} 44 \\ + 46 \\ \hline \end{array}$$

i. 
$$\begin{array}{r} 5 \\ + 29 \\ \hline \end{array}$$

j. 
$$\begin{array}{r} 38 \\ + 27 \\ \hline \end{array}$$

k. 
$$\begin{array}{r} 99 \\ + 99 \\ \hline \end{array}$$

- l. Sam has 29 books.  
Jan has 44 books.  
How many books do they have altogether? \_\_\_\_\_

- m. Nate has 47 chapter books.  
He buys 13 more.  
How many chapter books does he have in all? \_\_\_\_\_