

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

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

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1. If you found a fossil of a leaf in a rock, you would know that the fossil formed when

- A. someone pressed the leaf against a soft rock.
- B. the leaf fell into soil that later became a rock.
- C. the leaf melted into the rock.
- D. the leaf grew inside of the rock.

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2. When sand, silt, and mud are squeezed together, they form

- A. rocks.
- B. minerals.
- C. fossils.
- D. crystals.

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3. Soil is a mix of materials. Which is NOT a part of soil in nature?

- A. dead plants
- B. dead animals
- C. rock pieces
- D. plastic pieces

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4. Use the table below to answer this question.

Type	Drainage
Columns	Good
Blocky	Moderate
Granular	Best

Tammie digs a shovel full of dirt that looks granular. How does this soil drain after a heavy rain?

- A. very slowly
- B. slowly
- C. quickly
- D. not at all

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5. Which should you use to see the differences among several rocks?

- A. meterstick
  - B. thermometer
  - C. telescope
  - D. magnifying glass
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6. A fish fossil might form when a fish dies and

- A. is trapped in ice.
  - B. a volcano erupts.
  - C. river mud becomes rock.
  - D. is pressed into soft rock.
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7. How are sand and soil made from rocks?

- A. Large rocks are broken into small rocks.
  - B. Rocks are buried deep under layers of mud.
  - C. Rocks are melted by heat deep in the ground.
  - D. Small rocks are stuck together to make larger rocks.
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8. Which is NOT a type of rock?

- A. igneous
  - B. metamorphic
  - C. sedimentary
  - D. fossil
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9. Fossils are found mostly in

- A. animals.
  - B. trees.
  - C. water.
  - D. rocks.
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10. The woolly mammoth, an extinct animal, looked MOST like today's

- A. dinosaur.
- B. elephant.
- C. horse.
- D. sheep.

**Answer Key**

1. B) the leaf fell into soil that later became a rock.
2. A) rocks.
3. D) plastic pieces
4. C) quickly
5. D) magnifying glass
6. C) river mud becomes rock.
7. A) Large rocks are broken into small rocks.
8. D) fossil
9. D) rocks.
10. B) elephant.