

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

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

---

1. Which of these is a fossil?

- A. a large fish
  - B. a dinosaur bone
  - C. a young tree
  - D. a mouse
- 

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

- A. meterstick
  - B. thermometer
  - C. telescope
  - D. magnifying glass
- 

3. Which test is used to show the color of minerals found in certain rocks?

- A. scratch test
  - B. streak test
  - C. smell test
  - D. shininess test
- 





4. Scientists use a scratch test to help identify

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

5. For a living thing to become a fossil, the living thing must

- A. have a skeleton.
  - B. have a hard outer shell.
  - C. die by drowning in water.
  - D. be dead for a very long time.
-

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

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

7. The best soil for making pottery is

- A. sandy soil.
  - B. loam soil.
  - C. clay soil.
  - D. rocky soil.
- 

8.

*Use the table below to answer this question.*

Condition	Dark (dark grey, brown to black)	Moderately dark (brown to yellow brown)	Light (pale brown, yellow)
Organic Matter (decaying materials)	High	Medium	Low
Aeration (air in soil)	High	Medium	Low
Fertility	High	Medium	Low

Which soil is the most fertile?

- A. yellow soil
  - B. pale brown soil
  - C. yellow brown soil
  - D. dark brown soil
-

9. Which could become a fossil?

- A. a leaf that falls on a grassy lawn
  - B. a dog's footprint on a wet sidewalk
  - C. a dead bird buried in wet clay
  - D. a worm crawling through the grass
- 

10. A scratch test measures which property of a mineral?

- A. color
- B. luster
- C. hardness
- D. texture

**Answer Key**

1. B) a dinosaur bone
2. D) magnifying glass
3. B) streak test
4. D) minerals.
5. D) be dead for a very long time.
6. B)
7. C) clay soil.
8. D) dark brown soil
9. C) a dead bird buried in wet clay
10. C) hardness