

**9-1 What are fossils?**

**Lesson Review**

**Part A** Match each term in Column B with its description in Column A. Write the correct letter in the space provided.

Column A	Column B
_____ 1. remains or traces of past life	a. imprint
_____ 2. mold filled with sediments	b. mold
_____ 3. rock cavity shaped like a once-living organism	c. extinct organism
_____ 4. organism no longer found living	d. fossils
_____ 5. footprint	e. cast

**Part B** Circle the term that makes each statement true.

1. Most fossils take (hundreds, millions) of years to form.
2. A fossil begins to form when a dead organism is buried by (sediment, water).
3. For an organism to become a fossil, it must be buried (quickly, slowly).
4. Imprints usually form from the (soft, hard) parts of organisms.
5. Molds and casts usually form from the (soft, hard) parts of organisms.

**Skill Challenge**

**Skills:** interpreting diagrams, sequencing

Complete each caption. Then, write the letter of the caption that best matches each diagram in the space provided.

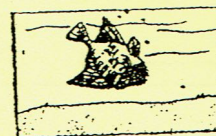
**Captions**

- a. An organism decays and leaves a cavity called  
a \_\_\_\_\_ in a rock.
- b. A dead organism is buried by \_\_\_\_\_.
- c. Sand or mud fills the cavity and hardens to form a  
\_\_\_\_\_.
- d. Eventually, the sediment hardens into  
\_\_\_\_\_.



1. \_\_\_\_\_

2. \_\_\_\_\_



3. \_\_\_\_\_

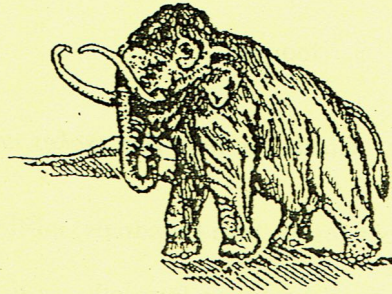
4. \_\_\_\_\_

**9-2 How were entire organisms preserved?**

**Lesson Review**

Write the term or terms that best complete each statement in the spaces provided.

1. Three substances that can preserve the remains of living things are \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_.
2. Amber is hardened \_\_\_\_\_.
3. Freezing helps preserve organisms by preventing \_\_\_\_\_.
4. Many animals that became trapped in tar pits had come there for the \_\_\_\_\_ which covered the pits.
5. The LaBrea Tar Pits are located in southern \_\_\_\_\_.
6. The animal shown in the illustration at the right is a \_\_\_\_\_.



**Skill Challenge**

Skills: identifying, classifying

Complete the table by filling in the numbered spaces. Do not use the name of any animal that is already listed in the table.

**Table 1 Preservation of Animal Remains**

Animal	Probably Preserved In	Animal	Probably Preserved In
mammoth	1. _____	wolf	2. _____
3. _____	amber	4. _____	tar
bee	5. _____	6. _____	ice
bison	7. _____	8. _____	amber
9. _____	ice	mosquito	10. _____