

NAME _____

Observation vs. Inference



Directions: Please read the following scenario and use your knowledge of science and observation and inference. After each statement, place an "O" if it is an **Observation** and an "I" if it is an **Inference**. Good Luck ☺

A long time ago milk used to be delivered to peoples homes because they did not have ways to keep the milk cold within the home. One day the milkman delivered two bottles of milk to a doorstep. These bottles were left outside overnight. In the morning, the family in the house found the bottles cracked and the bottle caps were supported on frozen columns of milk.

1. It is winter. _____
2. During the night, the milk expanded and the milk broke the bottles. _____
3. In the morning the milk was solid. _____
4. the temperature dropped below freezing or 32° F. _____
5. In the morning the bottles were cracked. _____
6. Milk expands when it freezes. _____
7. In the morning, the caps were on the top of the milk. _____
8. The same thing would have happened if water was in the bottles. _____
9. The milk was liquid when delivered, but solid in the morning. _____
10. The milkman should have put the milk in the milk box where it belongs. _____

