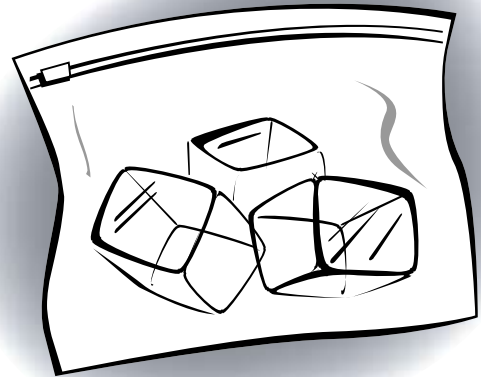


Ice Cubes in a Bag

You are having an argument with your friend about what happens to the mass when matter changes from one form to another. To prove your idea, you put three ice cubes in a sealed bag and record the mass of the ice in the bag. You let the ice cubes melt completely. Ten minutes later you record the mass of the water in the bag. Which of the following best describes the result? Circle your prediction.

- A** The mass of the water in the bag will be less than the mass of the ice in the bag.
- B** The mass of the water in the bag will be more than the mass of the ice in the bag.
- C** The mass of the water in the bag will be the same as the mass of the ice cubes in the bag.



Describe your thinking. Provide an explanation for your answer.
