They Lost Their Marbles?

Sam and Chris were collecting data about density. They knew that density = mass/volume. Sam and Chris put 10 glass marbles into a small plastic tub and put the tub (with the marbles inside) into a large, clear, glass container holding 100 centiliters of water. The tub with the marbles floated in the water. They marked the level of the water on the side of the glass container. They then emptied the marbles into the water and the marbles sank to the bottom of the container. What happened to the level of the water in the container? Did the level go up, down, or remain the same? Why did what happen, happen?

Make sure you include the answer, an explanation as to how you determined the correct response, and why the water level did or did not change. You must give an accurate explanation!!

By the way – The average American will eat 1,000 pounds of cheese in his/her lifetime! Most of that will come from Pizza (on an average, 11.5 million pizzas are purchased every day).

Have fun – Dr. Fraccaro