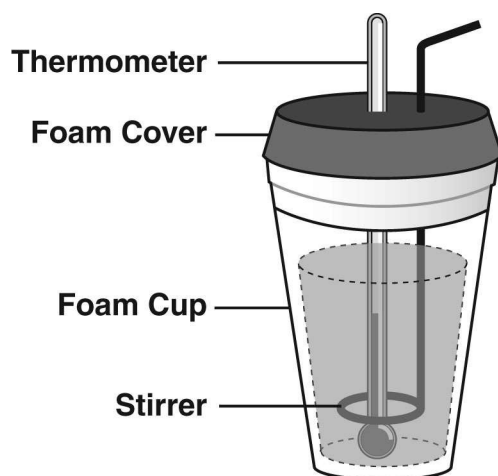


### Question 1

Students use a foam cup calorimeter to measure temperature change during a chemical reaction. The chemical reaction increases the temperature inside the cup by 3°C.

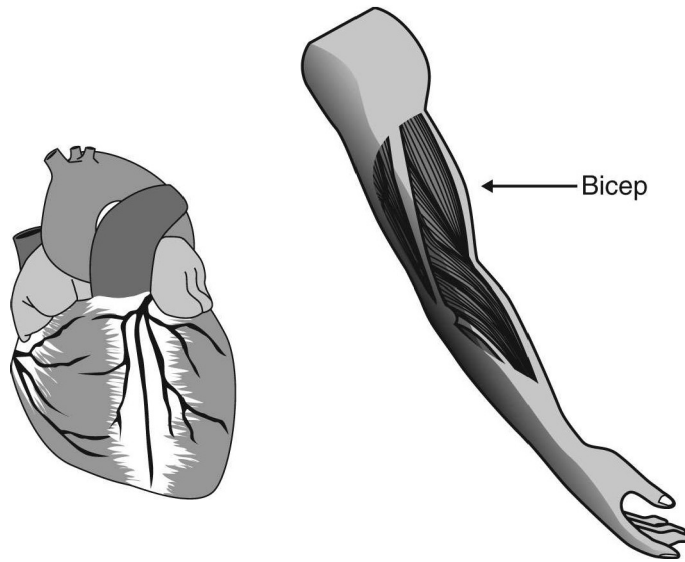


**How will the temperature change affect the mass of the products of reaction?**

- A** The mass of the products will increase as they absorb heat energy.
- B** The mass of the products will decrease as they absorb heat energy.
- C** The total mass of the products will decrease as the volume increases.
- D** The total mass of the products will equal the total mass of the reactants.

Question 2

The diagram below shows bicep and heart muscles.



How are the cells of the bicep muscle similar to the cells of the heart muscle?

- A** They digest food.
- B** They make energy.
- C** They use carbon dioxide.
- D** They form tissue that moves.

7<sup>th</sup> Grade Science Parent-Student Assessment Practice Questions

Answer Key

Standard	Question	Answer
7.PS1.4	1	D
7.PS1.4	2	D