

Question #78017, Chemistry / General Chemistry

In the equation $q = m \times c \times \Delta T$, c stands for _____.

- A. the speed of light
- B. calories
- C. specific heat
- D. heat gained or lost
- E. None of the Above

Solution: It is heat capacity formula. The heat capacity is defined as the Energy in Joules required to raise the temperature of a given object by 1° C. This is the 'specific heat' of the object multiplied by its mass and the change in temperature. C - specific heat of the substance in joules/g °C or in calories/g °C

Answer: C

Source : <https://physics.info>