

Answer on Question 78235 in General Chemistry

$$m(\text{Cu}) = 8 \text{ kg}$$

$$\Delta t = 130^\circ\text{C}$$

$$c(\text{Cu}) = 0.3851 \text{ J/g } ^\circ\text{C}$$

$$Q = ?$$

$$Q = m \times \Delta t \times c(\text{Cu}) = 8000 \times 130 \times 0.3851 = 4.01 \times 10^5$$

The right answer is D