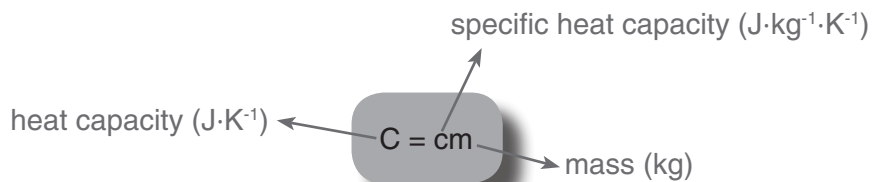


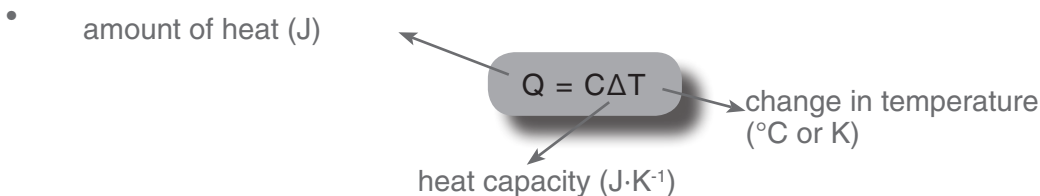
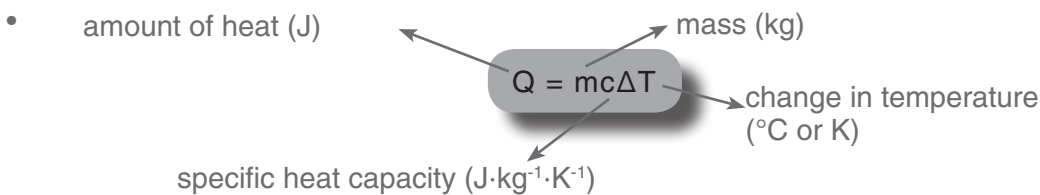


## Summary

- Specific heat capacity:  
The specific capacity ( $c$ ) of a substance as the amount of heat required to increase the temperature of 1 kg of the substance by  $1^{\circ}\text{C}$  or 1K.
- Heat capacity:  
The heat capacity ( $C$ ) of an object is the amount of heat energy required to increase the temperature of the total mass of the particular substance by  $1^{\circ}\text{C}$  or 1 K.



- Law of conservation of heat:  
Law of conservation of heat states that the amount of heat lost equals the amount of heat gained, when no heat is lost to the surroundings.



## Notes