

HW
6/11/21

Heat

(i) Define heat.

Ans) Heat is a form of energy which flows from a hot body to a cold body when they are kept in contact.

(ii) Define 1 cal.

Ans) One calorie is defined as the heat energy required to raise the temperature of 1g of water by 1°C .

(iii) Differentiate heat and temperature.

Heat

Temperature

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| (i) Heat is a form of energy which flows from a hot body to a cold body when they are kept in contact. | (i) Temperature is a quantity which tells us the degree of hotness or coldness of a body. |
| (ii) This process of heat transfer continues till the temperature of both the bodies becomes equal. | (ii) When a body is heated, its temperature rises and when it is cooled, its temperature falls. |