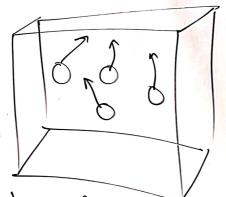


Humidity.

Absolute Humidity



Volume of cube = 1 co. m. Mass of vapour = ?

SI Unit of absolute humidity = 179 / m3

Relative Humidity.

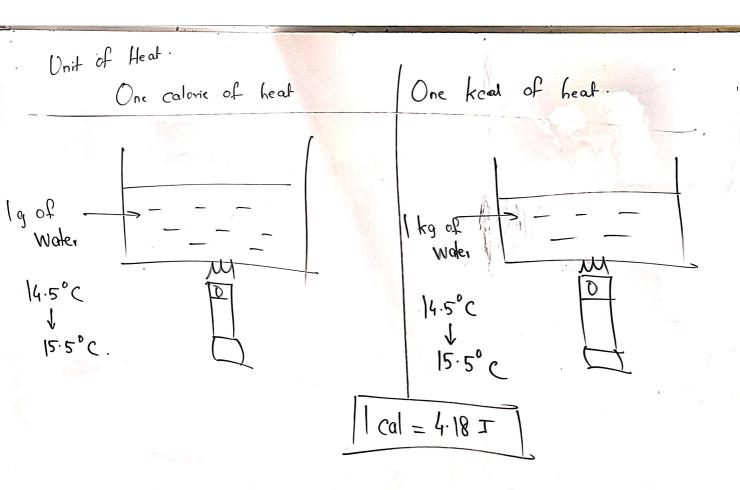
Mass of vapour = 809

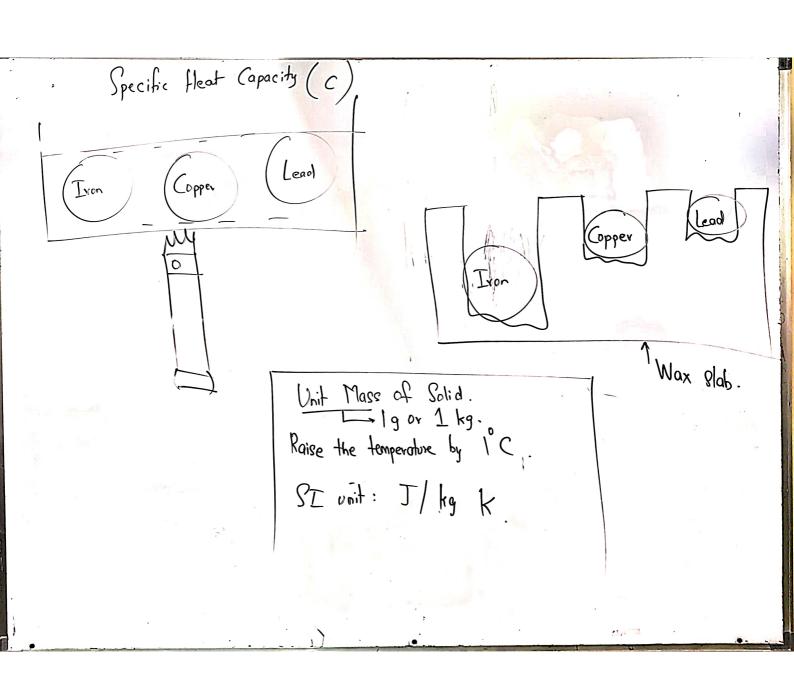
Mass of vapour needed = 100 g to saturate the air

$$=\frac{809}{1009}\times 100$$

Relative = 80%.

humidity.





Specific fleat Capacity (c),

M = Mass of object

C = Specific heat capacity of object

AT = Change in Temperature.

Heat absorbed = mx cx st

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(i)