

Ice Act

Which will do a better job cooling your soda, a “cooler” filled with water at 0C, or a cooler filled with ice at 0 C.

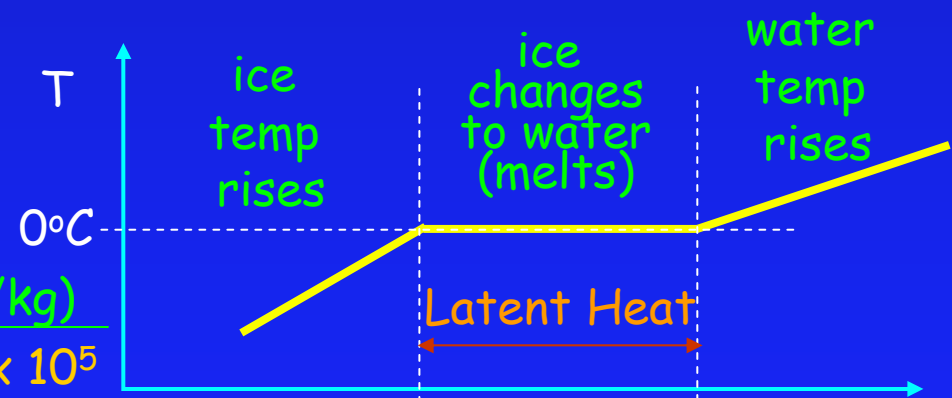
A) Water

B) About Same

C) Ice

Latent Heat L [J/kg] is heat which must be added (or removed) for material to change phase (liquid-gas).

Substance	L_f (J/kg)	L_v (J/kg)
water	33.5×10^4	22.6×10^5



Q added to water