

A First Course on Kinetics and Reaction Engineering

Unit 2 Additional Quiz Questions

1. True or False? Free energies of formation at 298 K are commonly found in thermodynamics reference tables, while free energies of combustion at 298 K are less common.
2. True or False? If an endothermic reaction takes place adiabatically, the temperature will increase.
3. Which of the following describes sensible heat? (choose all that apply)
 - a. heat associated with a temperature increase
 - b. heat associated with condensation of a gas
 - c. heat associated with melting of ice
 - d. heat associated with cooling a fluid
 - e. heat lost through the skin due clothes that do not insulate sufficiently
4. Which of the following describes latent heat? (choose all that apply)
 - a. heat associated with a temperature increase
 - b. heat associated with condensation of a gas
 - c. heat associated with melting of ice
 - d. heat associated with cooling a fluid
 - e. heat lost through the skin due clothes that do not insulate sufficiently