RATES: THEORY

1. Describe the five factors that affect the rate of a reaction p 367

2. Explain the theory behind the five factors that affect the rate of a reaction p 392

3. Describe the collision theory

4. Describe how each of the five factors, that affect the rate of reaction, influence the collision frequency or effectiveness of the collision 383, 385

5. Describe the impact on the distribution of kinetic energy in a substance when temperature is increased. p383, 392

6. Describe the term activation energy, activated complex p384-386

7. Label a potential energy graph that describes an exothermic or endothermic reaction p386-387