

Concept Test on Chemical Equilibrium.

Consider the following statements about the equilibrium condition .

- A. The concentrations of reactants and products are equal.
- B. The rate constants of the forward and reverse reactions are equal.
- C. The rates of the forward and reverse reactions are equal.
- D. The concentrations of reactants and products do not change.

Which of these statements are true?

- 1. A and B
- 2. C and D
- 3. A, C, and D
- 4. All of these are true.

Correct answer is: #2 C and D.

Comments to instructor: Students tend to think that in an equilibrium situation everything is equal.