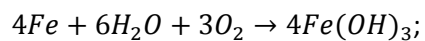


Which of the following is an example of a chemical change?

- A. dissolution of salt water
- B. rusting of iron
- C. melting of ice
- D. separation of a mixture by distillation

**Solution.**

Rusting of iron is a chemical change:



The rusting of iron is oxidation process. Iron contacts with water and oxygen and gives iron hydroxides (rust).

**Answer:** the example of a chemical change is **B. rusting of iron.**