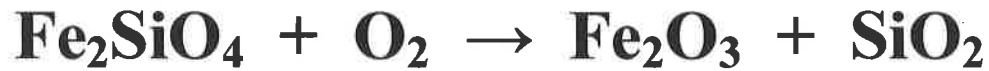


Types of chemical weathering

1. Oxidation



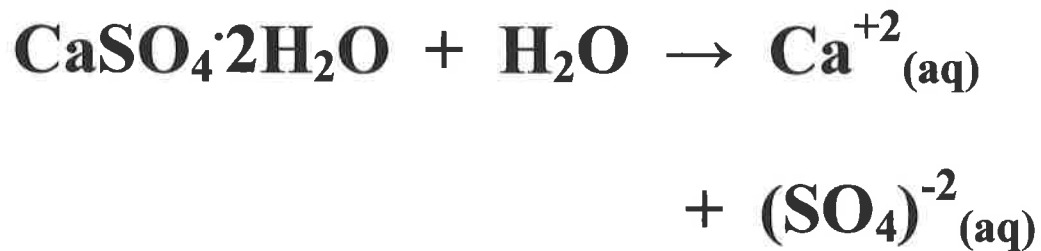
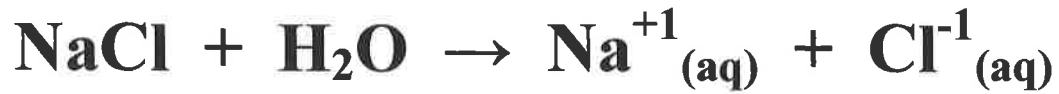
2. Hydration



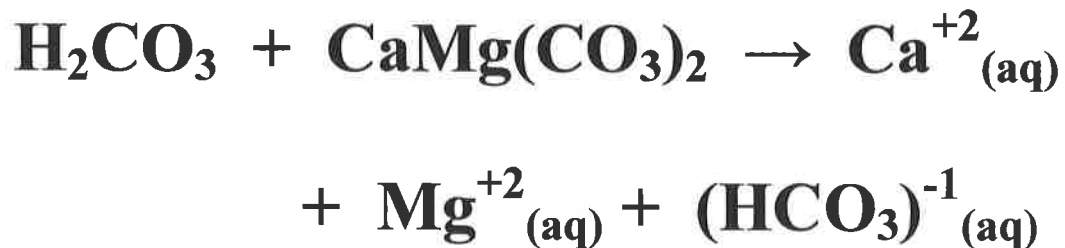
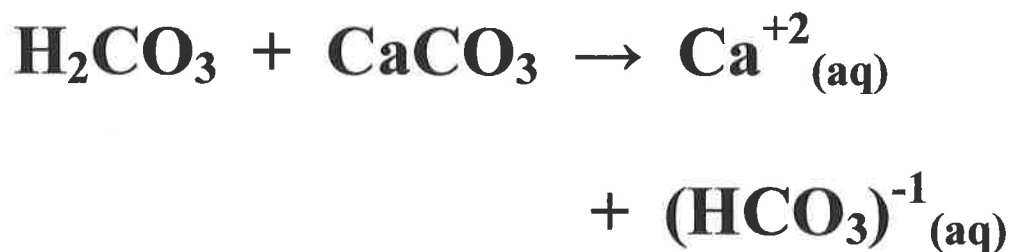
Combination:



3. Solution by water



4. Solution by carbonic acid-carbonate mineral class



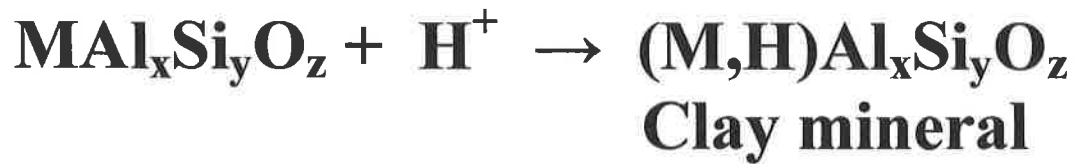
Drive reaction to left, promote precipitation of limestones and dolostone. Remove carbon dioxide.

- 1. Reduce pressure**
- 2. Increase temperature**
- 3. Agitation**
- 4. Plants**

Drive reaction to right, promote solution of limestone and dolostones. Add carbon dioxide.

- 1. Increase pressure**
- 2. Decrease temperature**
- 3. No agitation**
- 4. No plants**

5. Hydrolysis-aluminosilicates



+ Al oxides & hydroxides

[+Fe oxides & hydroxides]

+ M^+ (aq)

+ H_4SiO_4