

Acids, Bases, and pH Vocabulary Terms

- pH Scale
- Acid
- Base
- Buffers

Notes

- What is the basic reaction that occurs when water molecules split apart to form ions?
- Draw a pH scale and label the acid range, base range, and neutral range:
- At pH of 7, what is the ratio of H^+ to OH^- ions?
- At a pH below 7, what is the ratio of H^+ to OH^- ions?
- At a pH above 7, ratio of H^+ to OH^- ions?
- How much does each step on the pH scale represent?
- Provide an example of a strong acid:
- Provide an example of a strong base:
- What do cells use to control the pH within cells?
- Provide two examples of buffers that are used to maintain the pH balance in blood:

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