

# Acids & Bases – “Soo basic!”

Name \_\_\_\_\_

Date \_\_\_\_\_

We just learned about acids and bases so let's practice our knowledge! With this practice, you will go from basic to expert!

1. Fill in the blank. Words may be used more than once!

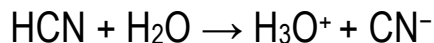
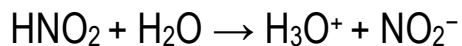
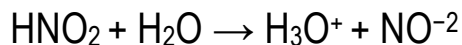
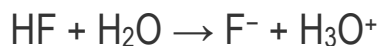
- A \_\_\_\_\_ is a substance that releases a hydroxide ion upon \_\_\_\_\_ in water.
- Blue litmus paper turn red when it comes in contact with a \_\_\_\_\_.
- \_\_\_\_\_ occurs when a molecule is separated into two or more smaller molecules.
- A substance is considered \_\_\_\_\_ when it has a pH of 7.
- The \_\_\_\_\_ of an acid is formed when the acid donates a proton.

Acid
Base
Dissociation
Neutral
Acidic
Basic
Conjugate Acid
Conjugate Base

2. Short-answer:

- What are strong and weak acids? Give one example of each?

- Label the acids, bases, and their conjugates:



- c. What is the pH scale used for?
- 
- 3. On a separate sheet of paper, draw a picture of what dissociation looks like using your artistic creativity!