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Strong Acids and Bases		2





Start with a General Definition:

## **BrΦ**nsted Acid

A Br $\Phi$ nsted definition of an acid is "any substance that can donate a H<sup>+</sup> to another substance".

$$H - A + H_2O \leftrightarrow H_3O^+(aq) + A^-(aq)$$

In water, the association of H<sup>+</sup> with water is so extensive that the solvated species is written  $H_3O^+$  (aq) where  $H_3O^+$  is the hydronium ion.



Strong Acids and Bases

5



























