

CONCEPT: ARRHENIUS ACIDS AND BASES

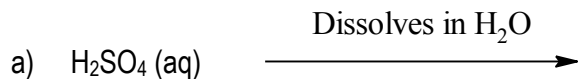
The most general definition for acids and bases was developed by Svante Arrhenius near the end of the 19th century.

- According to him, the _____ cation and the _____ anion are fundamental to the concept of acids and bases.
- His definition however failed to describe acidic and basic behavior in nonaqueous media.

The Arrhenius definition states an acid is a compound that increases _____ when dissolved in a solvent.

The Arrhenius definition states a base is a compound that increases _____ when dissolved in a solvent.

EXAMPLE 1: Which ions are formed from the dissociation of the following compound?



EXAMPLE 2: Which ions are formed from the dissociation of the following compound?

