

Acids and Bases

Define an acid and a base, according to the theory of Arrhenius.

Acid:

Base:

According to Arrhenius, what are a strong acid and a strong base?

Strong acid:

Strong base:

State two limitations of the Arrhenius theory of acids and bases.

1.

2.

What is the hydronium ion?

Define an acid and a base according to the Bronsted-Lowry theory of acids and bases.

Acid:

Base:

According to the Bronsted-Lowry theory, what are a strong acid and a strong base?

Strong acid:

Strong base:

What is a conjugate acid-base pair?

What is a salt?

What term is given to a substance that can act as both an acid and a base?

What is neutralisation?

Give two examples of neutralisation in everyday life.

1.

2.