

## Transformer

## Step-up transformer

## Step-down transformer

## Mutual inductance

a device that can decrease or increase the voltages in AC circuits with relatively little energy loss

a type of transformer in which the voltage coming out of the transformer is greater than the voltage put into the transformer

a type of transformer in which the voltage coming out of the transformer is less than the voltage put into the transformer

effect in which a changing current in a coil creates a changing magnetic field that induces a varying *EMF* in a second coil