

Definitions:

Electrons that are able to move freely.

Characteristics:

Negative charge
Contained within a metal
Free to move

Delocalised
electron

Examples:

Free moving electron
Delocalised electron

Non-examples:

Positive ion
Atom

Definitions:

Chemical reaction in which a more reactive metal replaces a less reactive metal in a compound

Characteristics:

Reactive
Reactivity series
Compound
Element
Metal

Displacement
reaction

Examples:

Magnesium + copper sulphate \rightarrow magnesium sulphate + copper

Non-examples:

Magnesium + oxygen \rightarrow magnesium oxide