*Name:

Example: lithium

Example: aluminum

*A _____ is a _____ charged ion

→ formed by the _____of electrons

-_____ form cations

-atoms with _____ _____ valence electrons form _____

*Name:

Example: chloride

Example: nitride

*A _____ is a _____ charged ion

→ formed by the _____of electrons

-_____ form anions

-atoms with _____ _____ valence electrons form _____

*Name:

Example: lithium

Example: aluminum

*A _____ is a _____ charged ion

→ formed by the _____of electrons

-_____ form cations

-atoms with _____ _____ valence electrons form _____

*Name:

Example: chloride

Example: nitride

*A _____ is a _____ charged ion

→ formed by the _____of electrons

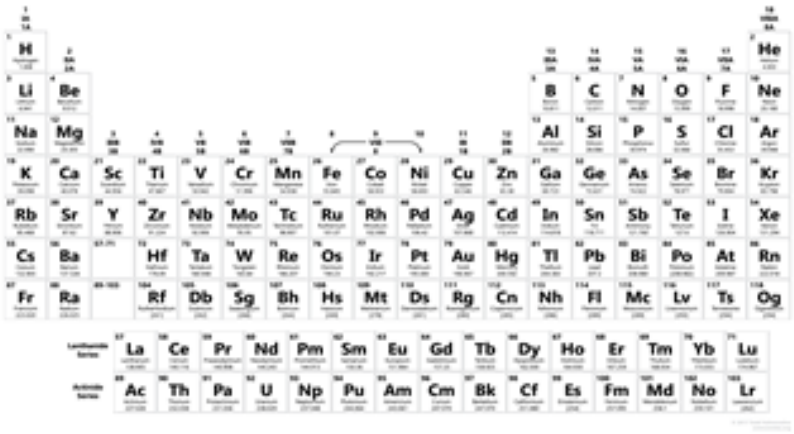
-_____ form anions

-atoms with _____ _____ valence electrons form _____

ALL ABOUT IONS

Charges:

Valence electrons:



Electrons found in the

_____

_____

➔ Called the

OCTET RULE: Elements want to achieve a full octet:

Exceptions: _____ and _____ follow the duet rule, because…

Paste Cations and Anions Foldable Here