Period:

Metals vs. Non-Metals; Dot Diagrams; Ions

2

He

10

Ne

18

Ar

36

Kr

9

F

17

Cl

35

Br

Metals versus Non-Metals

Metals are on the left side. Non-metals on the right. Metals tend to lose electrons. Non-metals gain them tight.



Dot Diagrams

Dot Diagrams (sometimes known as Lewis dot diagrams) are a depiction of an atom's valence electrons. They are a powerful tool in helping you understand, see, and even predict molecular bonding.

Carbon



Draw the Dot Diagrams for the following elements:

Berv	<u>/llium</u>

Sodium

Helium

Boron

Name:



Ch. 19:1