

Name:

Date:

Pd: 6

Metals Nonmetals Metalloids

Groups (down - columns) Periods (right - rows) Valence e-

Predicting Ion Charges on the Periodic Table Most common

Periodic table grid with ion charges and valence electrons. Includes handwritten notes like 'Cation: Name ion just like the element = Na+ - Sodium ion' and 'Varying V.e-'.

Expanded periodic table grid for periods 6 and 7, showing ion charges and the note 'Anion: Name the 1st syllable and end w/ -ide'.

Octet Rule: Atoms will form ions (+/- electrons) to take the easiest route to 8v.e-

O2- Oxygen down to Oxide