

Name : _____ Class : _____

The isotopic (A_ZX) notation and electronic configuration

A is called It shows

Z is called It shows

X is the symbol of the element.

For atoms, the number of protons and are equal.

If there are protons than electrons, it will become a positive ion.

If there are protons than electrons, it will become a negative ion.

4_2He p =, n =, e ⁻ =	9_4Be p =, n =, e ⁻ =
${}^{15}_7N$ p =, n =, e ⁻ =	${}^{19}_9F$ p =, n =, e ⁻ =
${}^{24}_{12}Mg$ p =, n =, e ⁻ =	${}^{28}_{14}Si$ p =, n =, e ⁻ =
${}^{35}_{17}Cl$ p =, n =, e ⁻ =	${}^{37}_{17}Cl$ p =, n =, e ⁻ =
${}^{40}_{19}K$ p =, n =, e ⁻ =	${}^{40}_{20}Ca$ p =, n =, e ⁻ =