



Name _____ Class _____ Date _____

1 The number of **neutrons** in the **nucleus** of an atom can be determined by

- A adding the atomic number to the mass number
- B subtracting the atomic number from the mass number
- C adding the mass number to the atomic mass
- D subtracting the mass number from the atomic number

2 The elements in the Periodic Table are arranged in **order of increasing**

- A atomic number
- B atomic radius
- C mass number
- D neutron number

3 In which group of the Periodic Table do most of the elements exhibit **both** positive and negative **oxidation states**?

4 Which **type of reaction** occurs when nonmetal atoms **become negative** nonmetal ions?

5



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- A high thermal conductivity
- B high electrical conductivity
- C brittleness
- D malleability

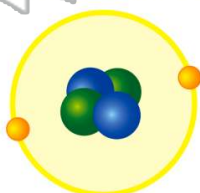
element in **Period 2** of the Periodic Table?

- A the number of neutrons in the atom
- B the number of protons in the atom
- C the number of valence electrons in the atom
- D the total number of electrons in the atom

9

Which **ion** has the **same electron configuration** as an atom of He?

- A H⁻
- B O²⁻
- C Na⁺
- D Ca²⁺



10

In which list are the elements arranged in order of **increasing atomic mass**?

- A Cl, K, Ar
- B Fe, Co, Ni
- C Te, I, Xe
- D Ne, F, Na



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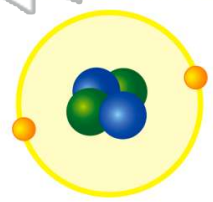
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