

Elements - Set II



Name Class Date What is the total number of electrons in the Which process converts an atom from one element to another, when the valence shell of an atom of aluminum in nucleus of an atom is bombarded the ground state? with high-energy particles? 13 8 artificial transmutation **B** 2 natural transmutation **C** 3 addition polymerization Aluminu condensation polymerization Which of these elements has physical 3 Which of the following elements has and chemical properties most similar the highest electronegativity? to silicon (Si)? 5 **PREVIEW** Please Sign In or Sign Up to download the printable version of this worksheet 7 A the same mass number and the same A high ionization energy and poor electrical atomic number conductivity B the same mass number but different B high ionization energy and good electrical atomic numbers low ionization energy and poor electrical C different mass numbers but the same conductivity atomic number different mass numbers and different low ionization ener gy and good electrical conductivit atomic numbers 9 Which element is classified as a noble gas at STP' atoms of A hydrogen A sulfur **B** oxygen **B** copper C neon C fluorine Zn Ga Ge As Se Br **D** nitrogen 48 49 50 51 52

Cd In Sn Sb Te Julius Indian **D** carbon Hg TI Pb Bi Po At



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