

Elements - Set II



Name Class Date As two chlorine atoms combine to form a Which particle has the same electron molecule, energy is configuration as a potassium ion? A absorbed A fluoride ion B released B sodium ior c neon atom created argon ator destroyed 3 The atomic mass of an element is Which is an electron configuration for an calculated using the atom of chlorine in the excited state? A atomic number and the ratios of its 5 **PREVIEW** Please Sign In or Sign Up to download the printable version of this worksheet 7 with other atoms of the same element? changed into the nucleus of an atom of a different element? A hydrogen A decomposition oxygen **B** transmutation C fluorine C substitution D carbon **D** reduction 9 Which list of elements is arranged in Which isotope is most commonly the radioactive dating of the remains of order of increasing atomic radii? organic materials? A Li, Be, B, C A 14C B Sr, Ca, Mg, Be B 16N C Sc, Ti, V, Cr C 32P D F, Cl, Br, I D 37K



Elements - Set II



Name_	CI	ass Date	
1	As two chlorine atoms combine to form a molecule , energy is A absorbed C created D destroyed	Which particle has the same electron configuration as a potassium ion? A fluoride ion sodium ion neon atom argon atom	D
3	Which is an electron configuration for an atom of chlorine in the excited state?	The atomic mass of an element is calculated using the A atomic number and the ratios of its	C
5	PREV Please Sign In or Si the printable versio	gn Up to download	<u>C</u>
7	with other atoms of the same element? A hydrogen C floring Carbon	changed into the nucleus of an atom of a different element? A decomposition transmutation substitution reduction	B
9	Which list of elements is arranged in order of increasing atomic radii? A Li, Be, B, C B Sr, Ca, Mg, Be C Sc, Ti, V, Cr D F, Cl, Br, I	Which isotope is most commonly used in the radioactive dating of the remains of organic materials? A 14C B 16N C 32P D 37K	A