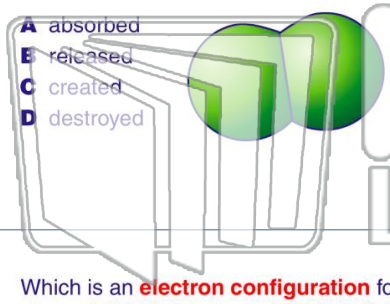
Elements - Set II

CHEM

Name_____ Class_____ Date_____

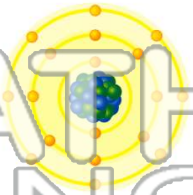
1 As two chlorine atoms **combine** to form a **molecule**, energy is

A absorbed
B released
C created
D destroyed



2 Which particle has the **same electron configuration** as a **potassium ion**?

A fluoride ion
B sodium ion
C neon atom
D argon atom



3 Which is an **electron configuration** for an atom of **chlorine** in the **excited state**?

4 The **atomic mass** of an **element** is calculated using the

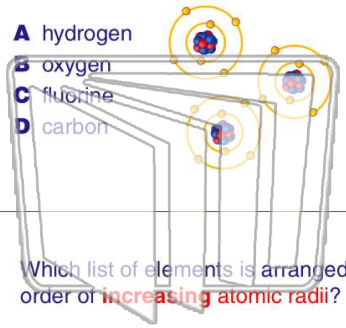
A atomic number and the ratios of its

5

7

with other atoms of the same element?

A hydrogen
B oxygen
C fluorine
D carbon



changed into the nucleus of an atom of a different element?

A decomposition
B transmutation
C substitution
D reduction

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

10 Which isotope is most commonly used in the **radioactive dating** of the remains of organic materials?

A ^{14}C
B ^{16}N
C ^{32}P
D ^{37}K

Elements - Set II

CHEM

Name_____ Class_____ Date_____

1 As two chlorine atoms **combine** to form a **molecule**, energy is

A absorbed
B released
C created
D destroyed

B

2 Which particle has the **same electron configuration** as a **potassium ion**?

A fluoride ion
B sodium ion
C neon atom
D argon atom

D

3 Which is an **electron configuration** for an atom of **chlorine** in the **excited state**?

4 The **atomic mass** of an **element** is calculated using the

A atomic number and the ratios of its

C

5

C

7

with other atoms of the same element?

A hydrogen
B oxygen
C fluorine
D carbon

D

changed into the nucleus of an atom of a different element?

A decomposition
B transmutation
C substitution
D 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

D

10 Which isotope is most commonly used in the **radioactive dating** of the remains of organic materials?

A ^{14}C
B ^{16}N
C ^{32}P
D ^{37}K

A

PREVIEW

Please Sign In or Sign Up to download the printable version of this worksheet