



Name _____ Class _____ Date _____

1 **Radioactive** atoms break up and give off energy.

True or false?

- A true
- B false



2 As you go from top to bottom down any **group** in the periodic table, the number of **valence** electrons stays the **same**.

True or false?

- A true
- B false

1	H		
2	Li	Be	
3	Na	Mg	
4	K	Ca	Sc
5	Rb	Sr	Y
6	Cs	Ba	La
7	Fr	Ra	Ac

3 Silicon (Si) is considered a **metalloid** because it has 20 **protons**.

True or false?

- A true
- B false



4 Chromium has an atomic number of **24**. If an atom of chromium has **28 neutrons**, its **atomic mass** would be **28**.

True or false?

- A true
- B false



PREVIEW

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- A 1
- B 2
- C 3
- D 4

11	12	13	14	15	16	17	18
Na	Mg	Al	Si	P	S	Cl	Ar
K	Ca	Sc	Ti	V	Cr	Mn	Fe
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru
Cs	Ba	La	Hf	Ta	W	Re	Os
Fr	Ra	Ac	Rf	Db	Sg	Bh	Hs

- A Ne
- B Ar
- C Kr
- D none of the above

18	2	8	8	
Ar				
36	2	8	18	8
Kr				
83.80				

9 All the atoms in Group _____ are **noble gases**.

- A 15
- B 16
- C 17
- D 18

11	12	13	14	15	16	17	18
Cu	Zn	Ga	Ge	As	Se	Br	Kr
Ag	Cd	In	Sn	Sb	Te	I	Xe
Au	Hg	Tl	Pb	Bi	Po	At	Rn
Uuu	Uub						

10 The noble gas with _____ protons is found in **Period 3** on the periodic table.

- A 15
- B 16
- C 17
- D 18

11	12	13	14	15	16	17	18
Cu	Zn	Ga	Ge	As	Se	Br	Kr
Ag	Cd	In	Sn	Sb	Te	I	Xe
Au	Hg	Tl	Pb	Bi	Po	At	Rn
Uuu	Uub						

