



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	
3	Li	Be	
11	Na	Mg	3
19	K	Ca	Sc
37	Rb	Sr	Y
55	Cs	Ba	La
87	Fr	Ra	Ac

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

True or false?

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

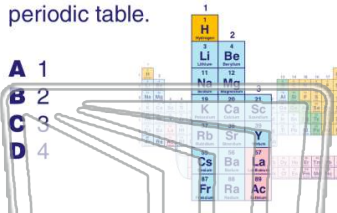


## PREVIEW

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7 periodic table.

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



Which of these elements has about 48 neutrons?

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

10	Ne	20.179
18	Ar	39.948
36	Kr	83.80

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

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

13	14	15	16	17	2		
B	C	N	O	F	He		
11	12	13	14	15	16	17	18
Al	Si	P	S	Cl	Ar		
29	30	31	32	33	34	35	36
Cu	Zn	Ga	Ge	As	Se	Br	Kr
47	48	49	50	51	52	53	54
Ag	Cd	In	Sn	Sb	Te	I	Xe
79	80	81	82	83	84	85	86
Au	Hg	Tl	Pb	Bi	Po	At	Rn
111	112	113	114	115	116	117	118
Uuu	Uub	Uut	Uuq	Uur	Uus	Uu	Uuo

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

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

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