

Tugas Cosp 2A

Instruction: Using chemical symbols, write the position of the first 20 elements, transition elements and other common elements in this periodic table.

PERIODIC TABLE OF THE ELEMENTS

	G 1	G 2	G 3	G 4	G 5	G 6	G 7	G 8	G 9	G 10	G 11	G 12	G 13	G 14	G 15	G 16	G 17	G 18
P 1	1																	2
P 2	3	4											5	6	7	8	9	10
P 3	11	12	← Transition metals →										13	14	15	16	17	18
P 4	19	20			23	24	25	26		28	29	30					35	36
P 5	37					42					47	48					53	54
P 6	55									78	79	80						86
P 7																		

Lantanides																		
Actinides																		

P Period G Group

Tugasan Cosp 2B

PERIODIC TABLE OF THE ELEMENTS

	G 1	G 2	G 3	G 4	G 5	G 6	G 7	G 8	G 9	G 10	G 11	G 12	G 13	G 14	G 15	G 16	G 17	G 18
P 1	1 H																	2 He
P 2	3 Li	4 Be											5 B	6 C	7 N	8 O	9 F	10 Ne
P 3	11 Na	12 Mg	← Transition metals →										13 Al	14 Si	15 P	16 S	17 Cl	18 Ar
P 4	19 K	20 Ca			23 V	24 Cr	25 Mn	26 Fe		28 Ni	29 Cu	30 Zn					35 Br	36 Kr
P 5	37 Rb					42 Mo					47 Ag	48 Cd					53 I	54 Xe
P 6	55 Cs									78 Pt	79 Au	80 Hg						86 Rn
P 7																		
	Lantanides																	
	Actinides																	

P Period

G Group

Tugasan Cosp 2C

Instruction: Write all the common elements that you have memorized using correct chemical symbols

PERIODIC TABLE OF THE ELEMENTS

	G 1	G 2	G 3	G 4	G 5	G 6	G 7	G 8	G 9	G 10	G 11	G 12	G 13	G 14	G 15	G 16	G 17	G 18
P 1	1																	2
P 2	3	4											5	6	7	8	9	10
P 3	11	12	← Transition metals →										13	14	15	16	17	18
P 4	19	20			23	24	25	26		28	29	30					35	36
P 5	37					42					47	48					53	54
P 6	55									78	79	80						86
P 7																		
Lantanides																		
Actinides																		

P Period

G Group

Tugas Cosp 3A

Write the symbol for the monoatomic ions with single-charge and monoatomic ions with variable-charges

TABLE OF MONATOMIC IONS AND VARIABLE-CHARGE METALS

	G 1	G 2											G 13	G 14	G 15	G 16	G 17	G 18
P 1																		
P 2																		
P 3			G 3	G 4	G 5	G 6	G 7	G 8	G 9	G 10	G 11	G 12						
P 4																		
P 5																		
P 6																		
P 7																		

Tugas Cosp 3B

TABLE OF MONATOMIC IONS AND VARIABLE-CHARGE METALS

	G 1																G 17	G 18
P 1	H ⁺	G 2										G 13		G 14	G 15	G 16	H ⁻	
P 2	Li ⁺	Be ²⁺													N ³⁻	O ²⁻	F ⁻	
P 3	Na ⁺	Mg ²⁺	G 3	G 4	G 5	G 6	G 7	G 8	G 9	G 10	G 11	G 12	Al ³⁺				Cl ⁻	
P 4	K ⁺	Ca ²⁺			V ²⁺ V ³⁺	Cr ²⁺ Cr ³⁺ Cr ⁶⁺	Mn ²⁺ Mn ³⁺ Mn ⁷⁺	Fe ²⁺ Fe ³⁺	Co ²⁺ Co ³⁺	Ni ²⁺ Ni ³⁺	Cu ⁺ Cu ²⁺	Zn ²⁺					Br ⁻	
P 5	Rb ⁺										Ag ⁺	Cd ²⁺					I ⁻	
P 6	Cs ⁺	Ba ²⁺										Hg ⁺ Hg ²⁺		Pb ²⁺ Pb ⁴⁺				
P 7																		

P Period

G Group

Tugasan Cosp 3C

Rewrite the symbol for the monoatomic ions as shown in Task Cosp-2C

TABLE OF MONATOMIC IONS AND VARIABLE-CHARGE METALS

	G 1	G 2											G 13	G 14	G 15	G 16	G 17	G 18
P 1																		
P 2																		
P 3			G 3	G 4	G 5	G 6	G 7	G 8	G 9	G 10	G 11	G 12						
P 4																		
P 5																		
P 6																		
P 7																		

P Period

G Group