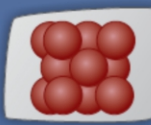
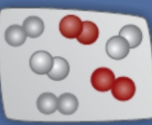



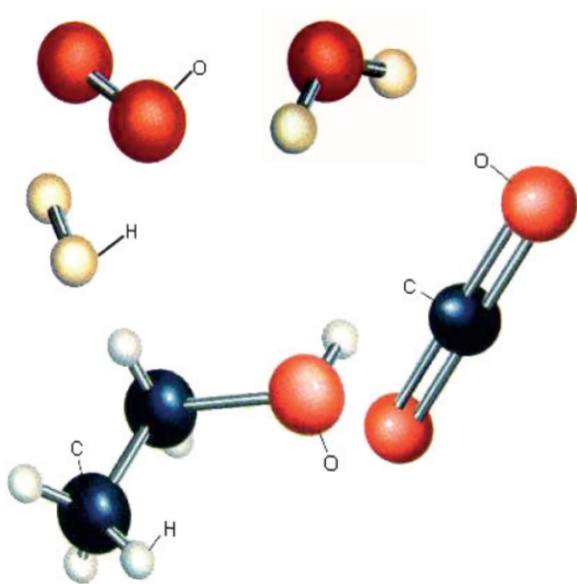
Χημεία



Α' ΛΥΚΕΙΟΥ

ΙΝΣΤΙΤΟΥΤΟ ΤΕΧΝΟΛΟΓΙΑΣ ΥΠΟΛΟΓΙΣΤΩΝ ΚΑΙ ΕΚΔΟΣΕΩΝ «ΔΙΟΦΑΝΤΟΣ»



Περιοδικός Πίνακας των στοιχείων

- Μήταλλα
- Αμέταλλα
- Μεταλλοειδή
- Ευγενή αέρια

ΠΕΡΙΟΔΟΣ	1																		18																												
	IA	IIA											IIIA	IVA	VA	VIA	VIIA	VIIIA																													
			1 H 1.00794															2 He 4.00260																													
2	3 Li 6.941	4 Be 9.01218											5 B 10.811	6 C 12.011	7 N 14.0067	8 O 15.9994	9 F 18.9984	10 Ne 20.1793																													
3	11 Na 22.9898	12 Mg 24.3050	3 Al 26.9815	4 Si 28.0855	5 P 30.9738	6 S 32.065	7 Cl 35.4527	8 Ar 39.948																																							
4	19 K 39.0983	20 Ca 40.078	21 Sc 44.9559	22 Ti 47.88	23 V 50.9415	24 Cr 51.9961	25 Mn 54.938	26 Fe 55.847	27 Co 58.9332	28 Ni 58.6934	29 Cu 63.546	30 Zn 65.38	31 Ga 69.723	32 Ge 72.64	33 As 74.9216	34 Se 78.96	35 Br 79.904	36 Kr 83.80																													
5	37 Rb 85.4678	38 Sr 87.62	39 Y 88.9059	40 Zr 91.224	41 Nb 92.9064	42 Mo 95.94	43 Tc (98)	44 Ru 101.07	45 Rh 102.906	46 Pd 106.42	47 Ag 107.868	48 Cd 112.411	49 In 114.818	50 Sn 118.710	51 Sb 121.757	52 Te 127.60	53 I 126.904	54 Xe 131.29																													
6	55 Cs 132.905	56 Ba 137.327	57 *La 138.905	58 Hf 178.49	59 Ta 180.948	60 W 183.85	61 Re 186.207	62 Os 190.23	63 Ir 192.22	64 Pt 195.08	65 Au 196.967	66 Hg 200.59	67 Tl 204.387	68 Pb 207.2	69 Bi 208.980	70 Po (209)	71 At (210)	72 Rn (222)																													
7	87 Fr (223)	88 Ra 226.025	89 *Ac 227.033	104 Rf (261)	105 Db (262)	106 Sg (263)	107 Bh (264)	108 Hs (265)	109 Mt (266)	110 (267)	111 (272)	112 (277)																																			
			<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>* Λανθανίδες:</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center; font-size: small;"> <tbody> <tr> <td>58 Ce 140.125</td> <td>59 Pr 140.908</td> <td>60 Nd 144.24</td> <td>61 Pm (145)</td> <td>62 Sm 150.36</td> <td>63 Eu 151.965</td> <td>64 Gd 157.25</td> <td>65 Tb 158.925</td> <td>66 Dy 162.50</td> <td>67 Ho 164.930</td> <td>68 Er 167.26</td> <td>69 Tm 168.934</td> <td>70 Yb 173.04</td> <td>71 Lu 174.967</td> </tr> </tbody> </table> </div> <div style="width: 48%;"> <p>* Ακτινίδες:</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center; font-size: small;"> <tbody> <tr> <td>89 Th 232.038</td> <td>90 Pa 231.036</td> <td>91 U 238.029</td> <td>92 Np 237.048</td> <td>93 Pu (244)</td> <td>94 Am (243)</td> <td>95 Cm (247)</td> <td>96 Bk (247)</td> <td>97 Cf (251)</td> <td>98 Es (252)</td> <td>99 Fm (257)</td> <td>100 Md (258)</td> <td>101 No (259)</td> <td>102 Lr (260)</td> </tr> </tbody> </table> </div> </div>																	58 Ce 140.125	59 Pr 140.908	60 Nd 144.24	61 Pm (145)	62 Sm 150.36	63 Eu 151.965	64 Gd 157.25	65 Tb 158.925	66 Dy 162.50	67 Ho 164.930	68 Er 167.26	69 Tm 168.934	70 Yb 173.04	71 Lu 174.967	89 Th 232.038	90 Pa 231.036	91 U 238.029	92 Np 237.048	93 Pu (244)	94 Am (243)	95 Cm (247)	96 Bk (247)	97 Cf (251)	98 Es (252)	99 Fm (257)	100 Md (258)	101 No (259)	102 Lr (260)
58 Ce 140.125	59 Pr 140.908	60 Nd 144.24	61 Pm (145)	62 Sm 150.36	63 Eu 151.965	64 Gd 157.25	65 Tb 158.925	66 Dy 162.50	67 Ho 164.930	68 Er 167.26	69 Tm 168.934	70 Yb 173.04	71 Lu 174.967																																		
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