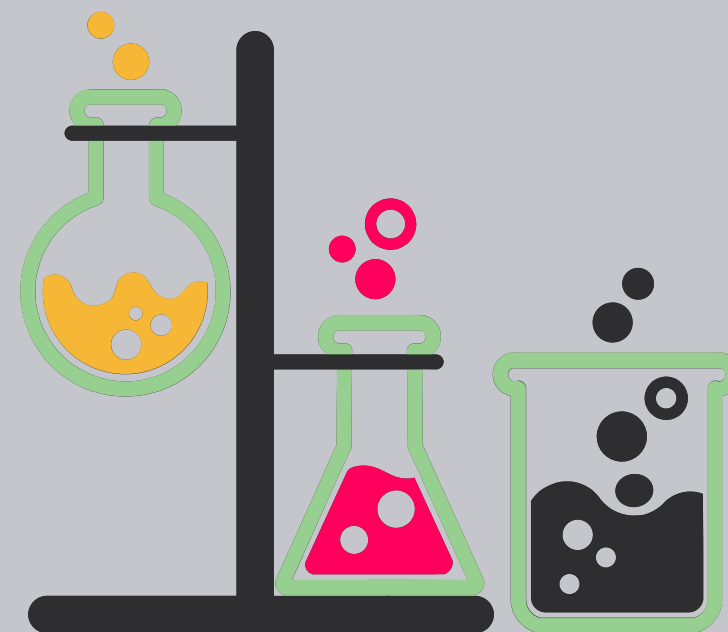
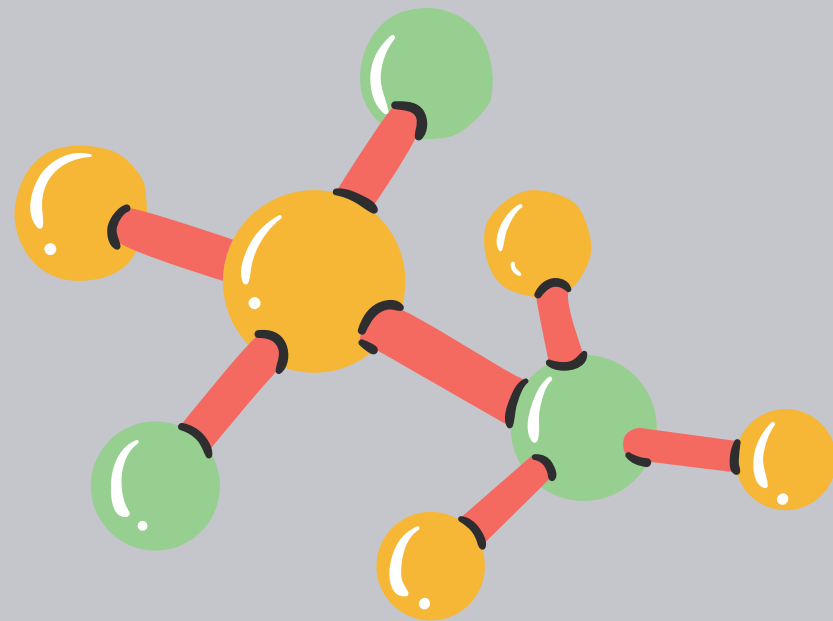


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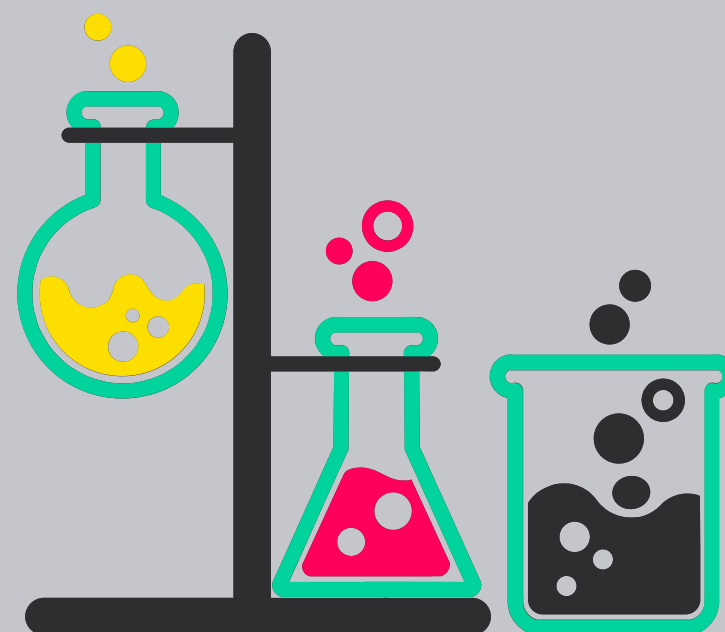
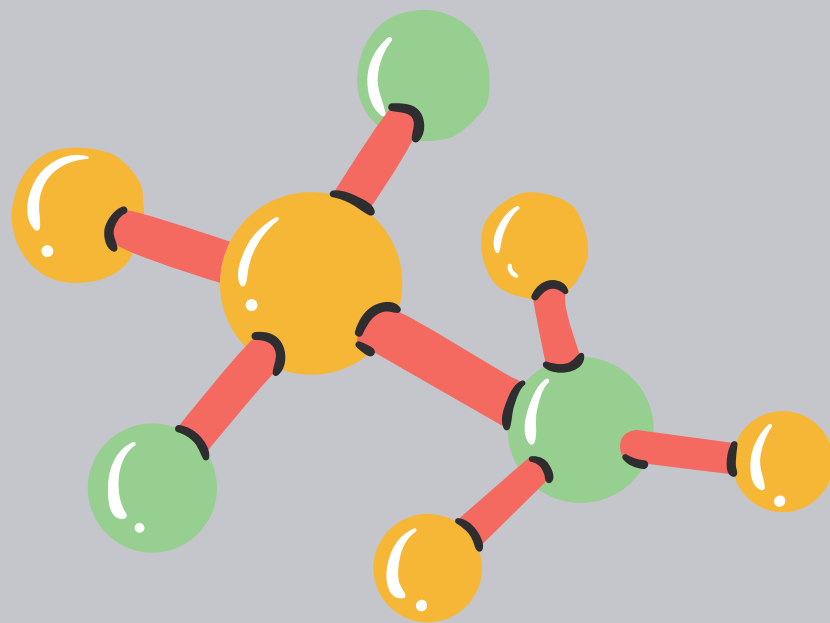
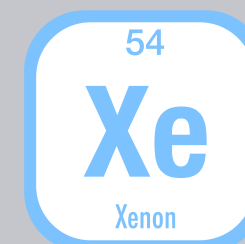
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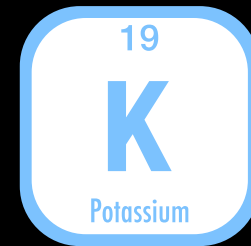
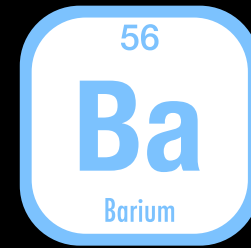
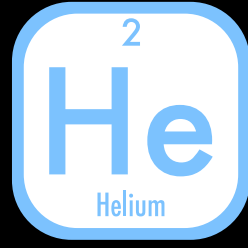
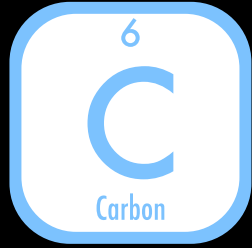
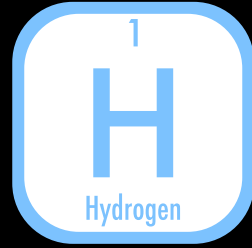


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niemetale

gazy szlachetne

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Układ okresowy pierwiastków

1 H Wodór																	2 He Hel
3 Li Lit	4 Be Beryl											5 B Bor	6 C Węgiel	7 N Azot	8 O Tlen	9 F Fluor	10 Ne Neon
11 Na Sód	12 Mg Magnez											13 Al Glin	14 Si Krzem	15 P Fosfor	16 S Siarka	17 Cl Chlor	18 Ar Argon
19 K Potas	20 Ca Wapń	21 Sc Skand	22 Ti Tytan	23 V Wanad	24 Cr Chrom	25 Mn Mangan	26 Fe Żelazo	27 Co Kobalt	28 Ni Nikiel	29 Cu Miedź	30 Zn Cynk	31 Ga Gall	32 Ge Cerman	33 As Arsen	34 Se Selen	35 Br Brom	36 Kr Krypton
37 Rb Rubid	38 Sr Stront	39 Y Yttr	40 Zr Cyrtan	41 Nb Nioł	42 Mo Molibden	43 Tc Technet	44 Ru Ruten	45 Rh Ród	46 Pd Pallad	47 Ag Srebro	48 Cd Kadm	49 In Ind	50 Sn Cyna	51 Sb Antymon	52 Te Tellur	53 I Jod	54 Xe Ksenon
55 Cs Cez	56 Ba Bor	57 La Lantan	72 Hf Hafn	73 Ta Tantal	74 W Wolibrom	75 Re Ren	76 Os Osm	77 Ir Iryd	78 Pt Platyna	79 Au Złoto	80 Hg Rtęć	81 Tl Tali	82 Pb Ołów	83 Bi Bismut	84 Po Polon	85 At Astat	86 Rn Radon
87 Fr Franc	88 Ra Radium	89 Ac Aktyn	104 Rf Rutherford	105 Db Dubn	106 Sg Seaborg	107 Bh Bohr	108 Hs Hassium	109 Mt Meitner	110 Ds Darmstadt	111 Rg Roentgen	112 Cn Copernic	113 Nh Nihon	114 Fl Flerow	115 Mc Moscow	116 Lv Livermor	117 Ts Tenness	118 Og Oganesson

58 Ce Cer	59 Pr Praseodym	60 Nd Neodym	61 Pm Promet	62 Sm Samar	63 Eu Europ	64 Gd Gadolin	65 Tb Terb	66 Dy Dysproz	67 Ho Holm	68 Er Erb	69 Tm Tul	70 Yb Ytterb	71 Lu Lutet
90 Th Tor	91 Pa Protaktyn	92 U Uran	93 Np Neptun	94 Pu Pluton	95 Am Ameryk	96 Cm Kur	97 Bk Berkel	98 Cf Kaliforn	99 Es Einstein	100 Fm Ferm	101 Md Mendelew	102 No Nobel	103 Lr Lawrenc

