

Habka kalgalka

Borotoono

Walax ka kooban atamo isku nooc ah oo kaliya ayaa lagu magacaabaa curriye. Inta borotoon ee bu,da curiyaha ku jirta ayaa go,aamisa nooca uu curiyaha uu yahay. Curuyayaasha oo idil waxa ay leeyihiin calaamad loo qoro. Calaamadda curiye waa mid ama laba xaraf, caalamka oo dhan si isku mid ah ayaa loo qoraa. Oksijiin(O), haydrojiin(H), dahabka(Au), qalinka(Ag) ayaa ka mida curiyayaasha.

Habka kalgalka

Curiyayaasha habka loo nidaamiyey waxa la yiraa

habka kalgalka.

Curiyayaasha ku jira habka kalgalka waxa loo tireeyey inta borotoon ee ay bu,da ku leeyihiin.

Haydarojiin oo ah curiyaha koowaad waxa uu bu,da ku leeyahay hal borotoon. Oksijiin oo ah curiyaha sideedaad waxa ay bu,da ku leedahay 8 borotoon. Safafka jiifaa waxa la yiraahdaa kallal. Marka laga soo bilaabo bidixda kal kasta waxa ay kordhaysaa hal tiro oo ah borotoonada bu,da ku jira iyo hal elektaroonada ku jira wareega ugu danbeeya ee curiyaha. Safafka joogga ah waxa la yiraahdaa ururo. Curiyayaasha isku ururka ahi waxa ay wareega ugu danbeeya ku leeyihiin tiro elektaroono ah oo is le,eg.

Gruppenummer

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
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Periodennummer	1	1 H Hydrogen																2 He Helium	
	2	3 Li Lithium	4 Be Beryllium									5 B Bor	6 C Karbon	7 N Nitrogen	8 O Oksygen	9 F Fluor	10 Ne Neon		
	3	11 Na Natrium	12 Mg Magnesium									13 Al Aluminium	14 Si Silisium	15 P Fosfor	16 S Svovel	17 Cl Klor	18 Ar Argon		
	4	19 K Kalium	20 Ca Kalsium	21 Sc Scandium	22 Ti Titan	23 V Vanadium	24 Cr Krom	25 Mn Mangan	26 Fe Jern	27 Co Kobolt	28 Ni Nikkel	29 Cu Kobber	30 Zn Sink	31 Ga Gallium	32 Ge Germanium	33 As Arsen	34 Se Selen	35 Br Brom	36 Kr Krypton
	5	37 Rb Rubidium	38 Sr Strontium	39 Y Yttrium	40 Zr Zirkonium	41 Nb Niob	42 Mo Molybden	43 Tc Technetium	44 Ru Ruthenium	45 Rh Rhodium	46 Pd Palladium	47 Ag Solv	48 Cd Kadmium	49 In Indium	50 Sn Tinn	51 Sb Antimon	52 Te Tellur	53 I Jod	54 Xe Xenon
	6	55 Cs Cesium	56 Ba Barium	•	72 Hf Hafnium	73 Ta Tantal	74 W Wolfram	75 Re Rhenium	76 Os Osmium	77 Ir Iridium	78 Pt Platina	79 Au Gull	80 Hg Kvikksolv	81 Tl Thallium	82 Pb Bly	83 Bi Vismut	84 Po Polonium	85 At Astat	86 Rn Radon
	7	87 Fr Francium	88 Ra Radium	••	104 Rf Rutherfordium	105 Db Dubnium	106 Sg Seaborgium	107 Bh Bohrium	108 Hs Hassium	109 Mt Meitnerium	110 Ds Darmstadtium	111 Rg Roentgenium	112 Uub Ununbium	113 Uut Ununtrium	114 Uuq Ununquadium	115 Uup Ununpentium	116 Uuh Ununhexium		

- Metall
- Halvmetaller
- Ikke-metaller

•	57 La Lantan	58 Ce Cerium	59 Pr Praseodym	60 Nd Neodym	61 Pm Promethium	62 Sm Samarium	63 Eu Europium	64 Gd Gadolinium	65 Tb Terbium	66 Dy Dysprosium	67 Ho Holmium	68 Er Erbium	69 Tm Thulium	70 Yb Ytterbium	71 Lu Lutetium
••	89 Ac Actinium	90 Th Thorium	91 Pa Protactinium	92 U Uran	93 Np Neptunium	94 Pu Plutonium	95 Am Americium	96 Cm Curium	97 Bk Berkelium	98 Cf Californium	99 Es Einsteinium	100 Fm Fermium	101 Md Mendelevium	102 No Nobelium	103 Lr Lawrencium

Biraha

Xagga bidix ee habka kalgalka waxa ku yaal biraha. Biraha oo dhan waa adke marka heerkulku caadiga yahay aan ka ahayn meerkori (Hg). Meerkori marka uu heerkulku caadiga yahay waa dareere. Xagga midigta ee tusaha kalgalka waxa ku yaalla bir-ma, ahayaasha. Qaarbadan oo bir-ma, ahayaasha kamidi hi waa neefo sida oksijiinta iyo hiiliyamta. Curiyayaasha la dariska ah biraha ama bir ma, ahayaashu waxa ay u dhaqmi karaan sida kuwa biraha ah ama kuwa aan biraha ahayn. Curiyayaashan waxa la yiraa biro u ekeyaal (bar-bireed).

Neefaha wahsada

Curiyayaasha ku jira ururka 18 waxa la yiraa neefaha wahsada. neefahani waa kuwo deggen. Taa micnaheedu waa lama falgalaan curuyayaal kale, iyo iyaga dhexdooda toona. Sababtu waxa weeye neefaha wahsada oo dhan waa uu buuxaa wareegooda ugu danbeeya ee elektroonaddu. Sidaa darteed uma baahna in ay curiye kale la falgalaan si ay u buuxiyaan wareegooda sare ee elektroonada.

Biraha alkali

Curiyayaasha ururka koowaad (1) aan ka ahayn haydrojiin waxa layiraa biraha Alkali. Curiyayaashani waxa ay la falgalaan curiyayaasha kale. Sababtuna waxa weeye biraha alkali hal elektroon oo keli ah ayey ku haystaan wareeg ugu sareeya. Sidaa darteed waxa ay la falgalaan curuyayaasha kale ee u baahan in ay buuxiyaan wareegooda sare ee elektaroonada.