

# Ideloi aenoe e einodoei nei oidiu laei. Oiteiote oia nei oidiu aaidadadi

Ia anao yaeeode-aneoe noaioye a ea-anoaa enoi-ieeta idalaiiata oiea eniteucopony nei oidiu aaidadadi. Eo iuninon eie yaeeodi-anoae. Nei oidiu aaeaaodee oaeaa iadaiyo oedieta idelaiata. Iie ecaioiayepony naeeii iunA-noup io ianeieuee oedieta aiunA-epony nei oidiu ieeidiaeaaodee dacee-iuo oeiia iunA-iunoup io aieae aadoda ai ianeieuee noai aad...

**A**  
**IAUEA NAATAIB** Ia anao yaeeode-aneoe noaioye a ea-anoaa enoi-ieeta idalaiiata oiea eniteucopony nei oidiu aaidadadi iunou yaeeodi-anoae. Nei oidiu aaeaaodee oaeaa iadaiyo oedieta idelaiata. Iie ecaioiayepony naeeii iunA-noup io ian idiuoeeaiinonup oedieta aiunA-epony nei oidiu ieeidiaeaaodee dacee-iuo oeiia iunA-iunoup io aieae aadoda ai ianeieuee noai idai-aneop, ii e iiao aaidedeiaadu daeodeaiop iunA-iunou. Eiaaa nei oidiu aaeaaodee, daaidapuea aac iaA-docce ia aae nei oidiu laeiu iacuapop nei oidiu-iue eiiainaidadae. {mospagebreak title=Einiodoeoeaiua noai e ideloi aenoe nei oidiu ninoieo ec aao iniiaiu -andae: iaiaaeaeie - noaidi e adaupuaeey - dioida, e eiaao aaa iniiaiu iaiioe. Iaa iaiioe iaiep iaiioe daniieaaahony ia iepnao e iacuaaahony iaiioA-eie aicaoaeaeiey. Eiaaa o laei iaieueie iunA-iunoe iaiioe aicaoaeaeiey iniiaiy YAN laeiu. Iaa oeeaaahahony a iacu yeidy e ninoieo ec iaA-ite, aao eee odao iaiioe dac. Iaeieueaa daniidindaA-ia ide eioidie, iaiioe yeidy daniieaaahony ia noaidi, a iaiioe aicaoaeaeiey - ia dioida (den. 1). Nei oidiu laeiu iaieueie iunA noaiA-da (den. 2). A yaeeodiieoi ioiioae iaa einodoeoe daaiioaiu. A iaaei ec idaeode-aneoe niadadae aieaa idaii iuninon aicaoaeaeiey, niioaeypuay 0,3-3 % iieiaeuie iuninon laeiu. Ai adoi adaeioa neieua-cyuea eiioeou neaiaaei au oiee, iaania-eou oaiieadadidoeaeiio daaio oaeoe eiioeoi aahua caA-odoeioaeui. A aaeuiaeei aao daniadodeaadun aicaoaeaeiey idoeaaahonoyi oie, oi ii nicaahonoyi adaiie idaeioia iea n -adaopuaeey ieydiunup. Ide aduaiee Ane ia yeidy oieaiuo oie iaeiaiaua iaiioe, iaa-ieoiua iie eioiduo naeioou a idinoinoa ia yaeeode-aneoe oiee, daae eiaoeA-odeoaiuo a iaiioe YAN caaheo io -eiea id iepna d e -anoio aduaiey dioida i:  $f_1 = \frac{pn}{60}$  (1) idaaA-eaiie caaheonoe iaao niatie. Oae, aey iieo-aiy noaiA-aadote -anoio f1 = 50 Ao ide d=1 ioei eiaou -anoio ad nei oidiu aaidadadi dadi iainiaieou iadocce, oi aicieeoe oie nicaahon adaa-uapuaehy iaieioia iea yeidy. xahioa aduaiee  $n_1 = n$ . Daaahonai -anoio aduaiey dioida i e iey yeidy n1 A yaehony daeodote iniiaiinon nei oidiu laeiu, iaoieiaa niAA-ianioi aaeioae iaiioe yeidy e aicaoaeaeiey, eiaao o a -anoio aduaiey. A idauaii adaeioa nei oidiu-ite laeiu - eae e iea aicaoaeaeiey, aao iaiaaeA-i i idinoinoa. Neaiaadaeui, eae a iaai, oae e a adAA-ai nee-aa iaieioia iey idehiaehony e oadocce naoe. Ide yoi idocceahony adaupuaehy iaieioia iea n -anoio aduaiey n1. Yoi iea, acaehiaae anee dioid e, neaiaadaeui, aai iaieioia iea adaupony n -anoioe, daaiie n1. Iyoiio a nei oidiu aaeaaodee diA-oid eae ide e title=Einiodoeoeaiua iniiaiinoe nei oidiu laeiu)A

**EINIODOE OEAIU INIAIINOE NEI OIDIU LAEI** naaa-ite noaidi idaanoeey noatie iuee oeeiaa, iadaiue ec ioaee oeeaae iaiioe yeidy. Yaeeodiadide-aneop noae iioaeypo a aea enoia eee eai oedeie ia aieaa 1 i. Ide aiaia aeaiad neie niA-noaeypo ec ioaeeiio ieanoe, iacuaaaiuo naiaiaie (den. 3). Naaa-ite daciapop a noaieia (eiioia) noAA-oida - iaiaioeiaua noadaeiaua aieiaua iaiioe. Oieueia e nodoeoda ecieyoee iacia e idiaiiee caaheo io eiaoeodeoaiie YAN. Ii aeia iaiioe oadaiiieoA-po iaao niatie. Noaid nei oidiu laeiu a niadaii aea ieaçai ia deioiea. Ii aiieiaep dioida la eioiduo a iunou laeia idA-aedap ec ieanoe einodoeoeiite noae oieueie 1-2 ii, a a laeia iaieueie iuninon - ec yaeeode niiaia edaieiey iepna. A laeia iaieueA-ote iuninon iepnu edaiyo aieoie e aaeo (den. 4, a), a a deioiaiuo laeia ai unodoiiaA-iuo laeia iepnu edaiyo e iaiao dioida n iunup oaiioia, eiapuee O-idaçop dioid eee dioid eanoe-eeA-ia oaiioa aieoie. Iaiioe aicaoaeaeiey a iunou laeia aey eo-aa iieaehony aiieiy ec iaeciee diiaiuo iaaiuo oe aieueia na-ai iepna-na, ia eioidue ii idaeiaod idaaadodeaeui iaieyo eiioioio ecieyoe. A laeia iaieueie iuninon eadodAA-ee iaiioe aic iacoo iepniuo iaieia-iee. Iaaiua noadaeie yote iaiioe, oieaiua a iacu, ii oiDA-oi çaiueap ieanoeiaie eee eiueoie oae, - noadaeiae ioaeeui eaetai iepna (den. 5). A idaiue-iiaada-ite iaiioe niaehony ii oiioa noadaeie anao iepna (den. 6). A eae n idaiueie, oae e n iiaada-ite iunup. Aiioadiay iaiioe aiieiyao oya oieoe. A aiaA-oiioa ia iieaeyao aeeyiea ia ne aaeaaodee ii yaehony ionetae iaiioe, A a oaeaa iieaahonoyi eiaaeiee dioida ide iounaA-oee iadocce. Baieie iepna. Nei oidiu laeiu n yaieiepiuo dioid e adocioaeui aaei oedieta eniteucopop a ea-anoaa aaeaaodee aaidadadi. Aadoeaeui aaeii, idaiacia-aiuo aey iaieidahaiaia niaehony n aeadaee-aneoe odaie. Oae aaidadadi iacuua 600 ia/ie. Aey oia -oiu ide oaeoe -anoio aduaiey iieo-eou idalaiia iadyaeia -anoioe 50 Ao, aeadiadadi dadi aieae Aaeiu oçei o ieo yaehony oioidue iiaieiee eee iaiioe. Ii oaddeaaahonoyi adaupueehy -anoae dioida e odaeie e ain ninoieo ec adAA-uapuaeey -andoe - iyo, aiieiaie a aea aeha, oedaeiaia ia dioida, e iaiaaeaeie -andoe, iadiayuaeey ia nite niaçee ainoadi-ite oieA-ueiu. Aey ainiyeyoe daeaeui onee, aaeioapuee ia dioid aeadiadadi, ia aai aaeo oi odaeie. Adidui idaeeypuee iiaA-oeieeii a yoi nee-aa yaehony idaeeypuee iiaieA-ite odaeie. Iaiyioe e iadaeeypuee eee ia eiioia noaidi. Dacee-apo aadoiip e ieaA-ipp edahiaie. A caaheonoe io daniieaeiey iaiyioe aaeiaiaA-oi e yote edahiaie e iaiyioe. A çioe-A-ii aeadiadadi iaiyioe daniieaeie ia iaeiae edahiaie (den. 9, a) eee ia edui auA-nioo, -ai ide iiaaii enieiee, ça n-ao oiouaeie daciadia adoiie edahiaie, eiapuee aieuee aeiaod, -ai ieyy. iieiaeuie e iaeo eiaou iaioi a dacouoada daciia dioida ide aaa-deeii ioeep-aiie aaidadadi io naoe. Iayaiiepiua dioid iaA-oe aieueie iuninon n oaeie -anoio aduaiey ide yaieiepiie einodoeoe dioida iaiaieeii ni oieieA-yi iaeie-aneie i aey iaieidahaiaia-ia niaehony n iadaiue odaeiaie. Oae a laeiu iaA-çuaap oadaiiaidadi. A Oadaiiaidadi A e -adoda iA-epna. Dioid oadaiiaidadi aiieiypo iahaeai ec oaeuie noaeuie ieaie. Aey dioida oadaiiaidadi-ia aie ide -anoio aduaiey 3000 ia/ie ia aieiaA A idauoao 1,2-1,25 i. xoiu iaania-eou iaioiaieo iadAA-ie-aneop aahoeino iiaada-iue dacçac aadoiiepiia dioida oodAA-aiadadi. Ia idoeiee iadocce dioida oadadop iacu ioyioeie dioid, a eioidue idioieo iniiaiy -andou iaieioia iioiea aaidadadi. Eiaaa a aieueie çoaa aiieiypo iacu, eioidua idocce aaiA-oeey idaeie-aneoe eeiuaa. Iaieioia eeiuy iieaeypo iaieioia iioiee iaciaia daniayiey, eioidua iiao auçuaadu iaiaiea ç iaiioe caedaeyp dioidie aiaaeaeie. Iaiioe dioid eiaao ecieyoe eehna A eee F. Aiaia io iaiioe aicaoaeaeiey iainiaehonoe iaeiaiey iaA-dadeaa oaidaeuie -andoe iieiee e aey dacçocce iA-eiee io iainio aiodaeiee iadyaeie. Ia den. 12 a

