

armi farmicif*

pmwrf t u0f

þpmwrſonſ ½r*zi ſuav; ½r0u@rſauſzłodwſciſEſ q̄lāom Eſiſlūum
ylyiſtſulbapvliom &n&G tſuſciſ wifyxmaom pmwrſjzpfygonſ uav; ½r0
u@ulſajccſ Eſiſlūumylyiſtſuſl avlvmctſjzpf wifyxmygonſ pmwrſwſf
uav; ½r0u@? ylyiſbabmobi0? Eſiſlūumylyiſtſrſ auszłodwſciſEſh
q̄lāom ylyiſtſl ſiſtſiſhavlwmwifyrnſzpfygonſ
aontſuſa0q̄m&rſm - ylyiſ ' @m& ½r&mylyiſ xliſ miſylyiſ orlſylyiſ

ed qef

þpmwrfonf 2011cR {NyBwif a&mi k i fyEgwlufuyEgyl o ifpmayrSklvfa0ch
onh uavmifR ½r0ylyi faygi scsyfpmtyfrS Ellif Hlumylyif (24)ykf ull avlvwif yj
xmjci f jzpfygonf ½r0ylyif aygi scsyfpmtylwif Ek O? aprnrlhi f? wuöllþef? cspf&m?
wiwi&D cspfll ci hV;Eg þonh pma&q&maygi f (110)a&om aom ylyi faygi f(212)ykf
yg0ibnf ½r0ylyif (183)ykf Esh bmonjyef Ellif Hlumylyif (89)ykf teufS (24)ykf ull
avlvwif ylyif rsonf vrstral? bmonra½? rslquifwpckS rslquifwpckl
vufqilurßay;aom , Obausritarßayi jzpfygonf uav;a&m? vlußt wülyg
piflvuþayg; oufbmaysMifþhn zwlfblaom vp0fxlwifOr*Zifyg ylyif rsonf ull oif
pmayrþonfsum ½r0ylyi faygi scsy} t jzpfxlwfa0cbnf ylyi faygi scsyull tavlvwif jzpf
vufqiljkaomvnf rbißr*ZifysuEfrst,Eshwlfqll avlvwif ylyif

]], ae*vli*, þae*mɪD*, *fvBvD* [bom q&maZnſ] uAṣt*wiſ*, ae*luav*; *vli*, f
w*bvnvnſ* aemifc cgv*BvDbrm* jzp*lvmluvDbrnſ* *vlvA* qEonf ylyi fr*m̄xlvſ*
ay:ww*bvnſ* ylyi fr*m̄onſ* uav; *vli*, *fwLl* p*lvlułaponſ* t*trufułp* onſ
xluav; *vli*, *fwA* t*trufuł?* p*lvlułr̄monſ* r*lvmltaumiftxn̄y*:v*mayvD*
D*brnſ* x*llvunih*, ae*luav*; *vli*, *fwA* atm*sriflttrufuł* v*uqilurſ* tar*h*; Ell
rnſ[k&n̄vſ] far*trfesí* po*lvwoepmwrlułwibſtygonſ*

1/ uav;½t0u@

140r* Ziſuſ 1947 cEſp Zeſvſrſ pwifxkvſ0clyonſ twi? trſwſ 1 rſbnſ
1956 cEſp arvtxqVQf twſ9 txdxkvſ0clyjzpfyongf wpſwſQf 12 tlyzpf
tw9 qVQf q, EſuſuſD108 tlyfxkvſ0clyjzpfyongf 140yliſaygiſcVf rmwLumwQf

* a'gušwim? yarmu?Xmer? jrefmpnXme? or0g, rwuipil(ppuil)

1/ vr̥t̥r̥b̥l̥ (rif̥azm̥ 1956? {Ny) upwif̥ 212/ 'v̥lav; (armirif̥a0? 1968?
'lib̥m̥wif̥ t̥q̥lowygon̥ 1956? {NyD̥l̥or̥*z̥if̥on̥ tw̥9? tr̥sv̥f̥ 107 jzp̥ 1968?
'lib̥m̥v̥l̥or̥*z̥ib̥n̥f̥tw̥21? tr̥sv̥f̥ 247 tx̥iz̥p̥ygon̥

]]ohwoe\wmbefnř trřultaxmuſt xmjzih azmfxkvſzpfonř
trřull azmfxkv&mwſf , ciſurawčom topřullzmxkvſciſvnſyg
onř , ciſu wđapmiſchom tcsuſtſmuſlwnřfwáy;ciſvnſygonř
, ciſu jynſynbřkrawčo;aom tcsuſtſmuſliznáy;ciſvnſygonř}}¹

[kq&nbD a'guÍwmc i ñt;u]cpbÍsmuñqñp& i scif} pmt lyÍwßf zßfqÍlygon!

1/20ylyiбыгىçىكىۋەf يلىفتىرىپەf 1 rS 133 t xىللى 1/20ylyiىرىتىزپى azىنىي
تىرىپەf 134rS 212 t xd onElliñumylyi(olh[w] bmonjyelyiىرىتىزپى t p0f
twiñf azىنىيخىمەگەf 134/ nltptulbلا, muñriñvw 1955? azazmDg& bmon
jyelyiىزپىگەf xñumih uav; 1/20u@onf 1/20r*Ziñtwf *? trswf 92 rSpwif
onf k/1/20ylyiбыгىçىكىۋەf & qñygrn

1/2Or*Zifpwifxkw0onrs tlyfa& 91 tlyft xwif uav; 1/20u@y0ijci
r1/2o; [kyllyifaygi fcs kypmt lyft & oElygonf

yllymonh tavlt xonf wlfjynwlfwlfbnf vrlswlfwlfbnf vrlspk
wlflwlfbnf ptavlt xonf rnbnftcslavmuwf pwifby:ayguf clygoenf [k
ar; vlf vla wþumajymwwbnftcslavmuwf pwifby:ayguf clygonf [k ajzqlygrnf uav;
vludra½? qif&tsfonra½? ausvultby:ra½? vlwespmaygi spk cþmEþboulyd
totjrif&p&m awEll aomyllyifsmulluav:½0u@rSwiþquþycifonf trþom
a&ubllfaumiþrlwp&yfuiy&ma&muþnþlqlygvtrnf

2/ ylibabmobm0

jrefmt b!mefw@f-

lylyiyleAsiße- tpoft qufuajymvmaom tizpft ysuZmwafLumi /²

[lɪvnʃaʊmɪʃ? a'gufwmx i fət mi u-

Jyliūl t"yb, fūosyqūf vhpixs p̄lēnylp&m taūmifsm
jzpbns[q̄rnī³

[vnʃaumɪʃ zəfɔlyxmygonf]

¹ ciftiarmi("Ezl)? 2010?19/

² *refmpmtzP 1991? 196/*

³ xiatmi? a'quswim? 1948? r̄wfguf

yllyiñ oabmobnDEshywbuñ jrefmpG plusrftwñ1 wñt
Ilyiñwbnf rmaomtñjzih vbnwltñowdy;csuñ oebibqñrcusf
paom &n&G tsutñygiñbzih uav;ol , fñm avlñeftwñf oibwmf
aom oitefpmrsñjzþyonñ¹

[kvrlñfazmfxmgonf]

wpfzefarmfixiu-

¶tNufajym&vif '@m&onftaMmift&mwp&yfultwtsí jyebjymaom
tzlzpbn' Owkum '@m&lyiwlkuf twef, fllxGom tzlzpif
onf krSvf, E&mon'²

[b]gonf

xHnumih ylyi[bn h '@m&D (zefvßajymqH&omao m ylyi)ru Owlfusao m
tzlzpnyD a1&t p0ft qufu &n&G tsu1wpckjz i hpvDifpmzG f jzp&t mif t qefwMu , f
a&;zlxmonhpolyb&mt jzpft ysu1 rSviwr[b[llygon"

1/4&mylyipmaypmwrfsm ('kw̪d w̪jw̪f0rɪʃEɪt-

॥४॥ यज्ञिबनि ओविकुस्ति खदमुबनि विवेश्वरि लिषामुबनि &नंगे फ
सुपि ओवन्तसुविद्वनि ओतेप्तमुल वन्दामि? तावट्जिबपुल्लवि
दामि योनि पवित्रिप्रिया वनि ज्येष्ठनि॥४॥ [काजिन्य खण्डिगणि]

wpłate refundowane na konto –

Jvtswif vhtwif ürbq&mwbnf ylqmi ajymqiblrrwwavonf
þolwif vltwefpmwifys vltztpnf vlyif vltuefrsmnumrs vltawtbulbnf enf, lzg ? Eþbuþg sylyifsm jzpflmuvonf
0wlbnf ylultajccif wluwujzpxþfvmamom pmaytzl ylbPñewpfif
jzpñ/ ylbnf vltawtbur vltalumiþull ylbþomrslizpøyonf ylbnf

¹ jrefmþG þMusr? wfc11? 1970? 233/

xiº armiº 1974? 42/

³ jrefm@G plust? w@14? 2012? 439/

4 rifE? O? 1989? 140/

Eþþottray; & iſ? Eþþurzg fyl&iſ? enſay; vrſñþýlom Oþwntusuzih
ay:aygutſciſ jzpávonf} }

[kz̥tʃq̥k̥m̥y̥g̥ɔ̥n̥f̥]

xyifElifjcmijibwoynm/s wpojzpaom ruprlvqqlbu
lyiyipmayqibnfa/swefuewrs? jyiyavmursweft E'yg'Vabrs
talumi fuhajymqibnuonhtaxmuft xmjzpbnn?}

[r] quonf

ynm/ſt\ zbfq/ſtſjycuſt& ylyif bnf xlqeſtNbzG &m twk bz &m
oiteſpm, bz &mEſh awſawmgiſcibz &mrsnyg/ſbnuſl avlmau/ſygon/ ylyif
zw/ſcijſzi hpmzwſt\ pbfultyeſajz tysi ſajayayſ/ſapE/ſkorr u olv&Oſjzm
ul/gay; pbfum pbfultqbavmuſav; upv/ſl Buſrmorh jylyi ſajym/ſvlt xd oiteſpm
wpfckay; pbfE/ſbnhpmpykyiſjpalyon/

q&mrBuBa'gušwmcibef0\]]cþmrP q i scifES &mZo i fxbllc&Dmjc if} pmtyrs
]]'@m&rsnEsh&mZo i fxbllc 'Gvaygi} aqmif yqgeññwcf-

[bikm̩yɔ̃n]

Eiffel Tower /& my life from wrist to waist –

kzwiumwibislyonf

xla[miflyiEhywbuſ jrefnbg plurſt wſ5 wſf

¶rluvibrifqil&m trſvfonmrsmjzpſchomvnſ? aemihomtcgumv
a½avsmí Znpſrpſuſl aEñiſvluſumisþbi rrſvfrluojzih pívutqefnu, f
aom tañumiſt&mrsmjzpſzih ue&pðom ylyiſwluſl xla[miſylyiſ[k
ac:avon]⁹⁵

1 rvdt? 1970? *-C/

² v\$ 00 (vbxk) Esst rsn? 1976? 27/

³ r? 2018? 180/

⁴ ausfati? 1989? 91/

⁵ jrefmG plusef(wf5)?1961/

[kə bɪk'wɪs fjuːchənɪʃ]

orly iEShywbuſ jrefnþG þlusitwſ11wſt

]]oriflyibni vlvkwu, ftjzptysuEsh yl eypyam ylyifsljzpf
, llvrflyibubuf[r[lwcsl oriflyifsmwif a%stcgu trswu, f
yiftou%fbmsntallumi fullazmfaVlbdn]}¹

[bikm̩yɔ̃n]

q&flula'guflwmciat;\ jrefmboayc&DwGf-

]]1934 cEþíwif]acwþrþyli DESh acwþrþuAsmwH ay:ayguþvmonf
acwþrþpmayuH vuþlulqibtsmwif q&mþuþyHeif² vñf tygt0if
jzpþonf q&mþuþonf 1935 cEþp ZmÍv xlw*Eðif avmur*Ziþwif
]acwþrþuAmaOzeþm)? 1936 cEþp *Eavmu r*Ziþwif]acwþrþyli
aOzeþm) wluH&omum acwþrþpmay ay:ayguþvñciþuH Orþyeþwom
Buþqibnif³

[kuləwəcwbumajy təxəxəwifqikmyonf]

3/ Ellif wumyllyi f̄sm;

улижнаом тавитвнъ улемахниаом тавитвони вѣнѣасвѣ
асвѣ ½ъю; асвѣ аявлѣасвѣ вѣнѣони ав, мѣдѣасвѣ симѣасвѣ ½ъю; асвѣ
пмѣгѣасвѣ вѣнѣум асвѣајми ѣтнѣјми ѿзи хвѣаумвмауна, мѣнѣони , ck
тсгријоDP? ОДХИАТМІ? вѣкДДВ? Ек Опаомыгѣвсму хѣйісму пѣк
акмијаоми ѣвѣум прмѣхъхблѣвбїтвнъ ѿзи хорѣонзГ &мизп&айони)?⁴

q&nb#1057;fodPn Elif hnumyifsm [kohb] Elif hycmyifsm }⁵ [bkhva0ch
ygonf xpmtyf rmwduucylibl ppmwrswavlvrrnh Elif hnumyif(27) ykfull
azmfyyqrnf

ulD, myWif

1/ zmwpfyeſrwpfyef (Ek 09 1963? atmuſwbm)

* & Only if

2/ OláhusmifomEshonhavG(Ek 09 1963? atmu swbm)

¹ jrefmþG þlusrf(wf 11)? 1970? 234/

2 baomi? All rights reserved. 2002331/

³ *Suom. AdV. 2002:331/*

4 wUfp? 2005? 327/

5 WEPPI 2003: 327
rifopP? 2016? 3/

***yeflyif**

- 3/ yeʃyəpaom tzt̥ (wiwi& 1964? ar)
- 4/ ti, fkom(nlitmi? 1959? Zebog&)
- 5/ tlumumiʃaom *siʃ(wiwi& 1961? 'libm)
- 6/ tbilt̥k vñlñt̥ (ptʃa? 1965? 'libm)

***srelyif**

- 7/ piʃ&v̥ (Ek 0? 1959? atm̥iʃb̥m)

pyeflyif

- 8/ jnñtemav;yubv (Ek 0? 1957? atm̥iʃb̥m)

wʃvñlyif

- 9/ yʃʃi, ʃv;r̥ (ciʃv; Eg ? 1958? Zebog&)
- 10/ omEShb (nlitmi? 1959? {Ny})
- 11/ yiʃ, ʃvñqmiʃybt̥ʃp̥? 1959? Edibm)
- 12/ oltuʃaqmisul̥ ituʃatmi (ʃvñt̥? 1960? Zm̥i)
- 13/ tbilt̥ESþrʃacniʃ (armiñb̥? 1968? azaznDg&)

wʌuʃlyif

- 14/ uʃqmiʃb̥marmi (cɸb̥& 1958? Z̥)
- 15/ tuʃniweʃñ (cɸb̥& 1957? Zm̥i)
- 16/ aʃayvñ (armiñt; aus? 1960? puʃwib̥m)
- 17/ vDiʃmAu (cɸb̥& 1965? ar)

w&uʃlyif

- 18/ oʃʃumiʃav; *li (cɸb̥& 1961? ar)

xʃlyif

- 19/ yñmʃʃop̥l̥wɔrm̥ (wñmʃʃøf̥? 1957? azaznDg&)

Ad uʃryif

- 20/ tqp̥wɔp̥&Mg (Ek 0? 1963? azaznDg&)

yʃ&nyif

- 21/ qññ mEhem'D m(cip̥esar? 1966? {Ny})

tjcm, Elif Yayıf

- 22/ ewb̥ɪl̥ɔ̥ʃyef(Oav; u̥l̥l̥l̥p̥ 1962? Z̥)
23/ Eþxyfut̥þb̥l̥i uaw̥(apmr̥h̥iʃ?1961? a t̥m̥u̥s̥w̥b̥m̥)
24/ Oðx̥yel̥l̥av̥; \ jzw̥f̥x̥l̥ (o eʃp̥l̥? 1959? a t̥m̥u̥s̥w̥b̥m̥v̥)

typify

- 25/ tyÁlumpi EShzey(wiBu 1963? atmu swibm)
q&mrBu ña½LularESf\ a' :av;yHjymr, Ell jcmlyjif smed ges pumwif-
][Ht&if 1988 rwilcifn &esuleHñifn ½pluñif w½wfo½lu tbvñyliDwK
uAñawñgwh tElynñpmayvu&mawñif vuñqmiñy;w, fuñ , Oñauñrl zvñ f
wmaygn¹

[k w / b m o n u a e t * v y b m o n y e f q k m a o m y l i p m t l y & y l u b l n i x b l t * v y b m o n y e f q l y) E l f l u u m y l y i l u u b q m i & o l u j r e f m b m o n y e f y l y i f s m u l a ; o m r n i x i l y g o n i c s p f & m o n i w l u s y l y i b o l y k ? w i w i & b n i * s e y l y i E p y k f b m o n y e f q l o n i x t j c m o n r n i q & m r b u D E k O b n i u l D , m ? * & d p y e l j y i b o p ? A D u e r f y l y i f s m u l l b m o n y e f q k m a l u m i f a w & o n i

t x u i w b a z n f y c h o m y y i s w t a a b m o b m u l l u n t f y y i b n f o w t a j c c h
j z p b o n f y y i b n f v b v m u \ j z p & y f r s m u l t a j c w n f y y i j y o t p t v u l j z i h c d x c f u m
y y i e m a x m i b E S h p m z w b o l w l i p t v c p m r t r f r s m u l t j z p a y : a p o n f y y i t q l w t r i
y y i f t a y : w f E p b o u s c i f E S h t w l b o t o t p t k l u l & 1 / 2 p y g o n f u a v ; i , f s m t y g t o i f
v b m w b n f c p m r l u l E p b o u l u o n f y y i b n f u a v ; p m a y j z p b o n f y y i f u l u a v ; i , f
r s m e m a x m i b v b n f s v p b q i h c p m r w w f v m l u o n f & o c p m r l t p u l y y i f s v p b q i h
t a v l t u s i h & v m l u o n f x b l y y i t a e m u b l v l u y g & i f v l t r f r s m u l t a w u l u & o n f
a v m u \ j z p & y f r s m u l t o l u & o n f j z p & y f r s m r s v p b q i h v l b a b m v l b b m o r s m u l t
a w l r i f v m l y b v f f a v m u u a q m i b i h & s i b i h o m o a b m w & m r s m ? t u s f z p f t u s f h p
a o m t a l u m i f u l e m v n b a b m a y g u f v m a p o n f b o c & D w p f a v t u f t q i f a j y a c m a r b f h
a e x l f w w b o n f t u s i f u l y y i f s m w p b q i h E p b o u s c i f u l l a y ; p f E l l b n f t r s m t m j z i h y y i f
r s m u l u a v ; r s m t m r b ? t z b ? t z b ? o D a v ? a' : a v ; p o n h a q f t r s m ? q & m o r m r s m u
a j y m l u m o n f s v p b q i h l u m o t s v b m l u & o n f o l p b o n f t a v m u f x b l w t a t t & i a o f
w l o m ? a j r ; p o n f w t a y : a u m i f a p v l l o m t & y g o n f t a v m u f y y i e m a x m i b w l k
p m & l v v n t r w a p v l l o m a p w e m y g o n f u l l w & o n f y y i s w t f f a p w e n ? a r w m t a i l
t o u f s m c p m & a p r E S h t w l u a v ; i , f s m u l q b q m i E l l o m p m a y j z p b o n f y y i f t & o m
c p m & m r s v p b q i h y y i f a y ; a o m t a w & t j r i l t a v l t u s i b u m i f r s m u l t s v b m v l u e m
v m l u o n f

¹ arEsf? a½LUP 2015? edgef/

у́чи́бні ві́, б́рнавпфжзбоні у́чи́сноні а́вмужзп&у́ллцхбемо́ні
в́матні а́жымі 0wкublyif 'дамуултажи́л' у́лlyимо́лрлнлрлбесрнлл
хнбб́сажымqЕ́боні uav;i, wll Ele, бомтавшвіf тlbрl xtlvefP &i tlP
wnlunfbonі &ocþmrirtrf 0iа&muлvматніf зе́лв&і у́чи́снрлDipmzG f
Zmwlrfrsmg0iлvмоні у́чи́бні uav;y&bwuлnñesly 0wкubf t½g а&муly
оллнñеонжpf ýчи́снрлcmemоні 0wкubfplvlyfslrygaonvні 'd"r®
v́lvmuEsh tvftra0;oihy/ qischiwv&m½y v́lsntwuf v́bbmhusonf k
, llnvматніf 'd"r@vmuEstuflta0; reфra0;xmoibnі у́чи́снrl tawotbu
toÓPEle, бом uav;rsnjpfi xtjcmamom tlbrl xtlvefP &i tlP wnlnunf
paom cþmrhsm xif ýlmapatnіf ýчи́снr &mu v́lvmu"avjzp/ xuf tvfsumatnіf
plvuljzih jznþfuzelvajymqЕ́боні xtлcsuబnlyif 0wкEsh ýчи́снemоніf csujzpf
оні whlsutn 'd"r@vmuulltajccly pthulEsh jznþfuzum Zmwlrfs? Zmwlaqmіf
умва'оаемуtH ygcijszbonі pthuljzijznenmwif 0wкubf [kwf '@n&deam
avmuullvні зе́лvЕ́боні у́чи́ft qllwif uav;i, wll Eshbu&efta&luబоні ol
izpap&ef ýлlyimolu jznþfuzelvZmwlrfull cdxif vnfauміf? uav;i, pthlwif
olivm olivm oлvм oлvм xubefap&efvnfaumi f pthul, Ofrtrfsh zelwDxmyg
оні

yllibonf uav;i, wlk polvfbmrltaw&tjriswEshelpyrlbnf olypí yllis
Zmw&qmislk jzp&ybonf 'q"r&vmuw&vnf uluh&lonf toih lkukf
tav;u&onf yllif&m\ polvflutwwýnmallumih uav;i, fsm i, p0uyif
cbm,wwfmr&sm,ESltwl touft½ Esh xllubibonf trltusihumi&rsi &½ponf
uav;t½ ESiv&bonhobiblkllamA[blwrsi&½monf

þpmwrfwſ yljifzwm̄frsm̄Svpqjih pðvñfrsm̄ay: vðatm̄iſ Zmwfrſ? Zmwfqm̄iſ aemufleſwðrksuſylyif(3) ykszihom'ujy avhvñwifyygoniſ

3? 1 0DxlyfLuv; \jzwfxH

y^hq^hālūmīfajymonf xb^h i^hcmw^h vlt r^hmph^h; vny^h b^hi^hU^hD^h&mu^hb^honf
ri^hjrw^h a^h*^hig&mp^hly^h av;a, muft n^htr^hc^h ly/ refry^h b@ma^hwnftjzpf
ot^hrnf q^hzwtsu^hrausey^hay/ w&mr^hwatn^h q^hzwbf^hig&may;rnf rr&fl
ao' Pius^hrnf M^hunbeaom^hhom^hrs^hx^hts O^hdx^hyelqmi^hao^hly^hv; w&mp&irnf[k
&D^hbx^hU^hVmonf

- 1/ yeſylq&monſopſiſwſklyi ſciſzpfkliſonſ
 - 2/ yeſcſl&monſacſarmvſ&eſaq;jc, ſ Oſav;zpſfkliſonſ
 - 3/ tybſybonſtſronſacſarmvſ plynwiſw, ſtmisqif, i&m rdiſzpfkliſonſ
 - 4/ rſuav;t¹yfri Eſtauſmifom\ arwaxmoHmih touðiſmonſ jzpſbonſtſyif EſDĐom wptDĐES wptDĐ cſtſiſuſtſoimui viſ, muſmjpſfkliſonſ

[I q̄jzwʌy; d̄bn̄ b̄k̄tEþbuðomv̄n̄ y&bw̄tSr̄b̄n̄f̄ym̄nt w̄f̄ b̄k̄tB̄
on̄ q̄jzw̄l̄t̄m̄ ig&may; v̄l̄b̄n̄ yefȳl̄ yeſc̄ t̄ȳf̄ȳf̄q̄&m̄w̄l̄ Or̄om̄r̄q̄j̄z̄p̄f̄um̄
Eþtausim̄f̄om̄Eþr̄f̄uav̄; w̄l̄b̄0c̄&D̄v̄r̄w̄p̄av̄aif̄ ays̄v̄t̄ b̄k̄t̄&aav̄m̄b̄n̄]

3? 1? 1 Zwʃv̥r̥ʃzefw̥yŋ

xii y i Zmwfvrftpwf

]]uav;wl tritciſwpþlvp&m jzpþtclbnf qlluygr xift ritm w&m
ojzihp&ilqjzwſciſulljzwfxl [hc:onf , ckuav;wlzw& tlaom
ylyibnf Odxyleuav;\ jzwfxl (ol[kv) Odxyleuav;\ w&mp&if
qllzwylzþbnf uav;wlaysrlzrl;xþph zwEuygap}}¹

[kpnf½xmygonf]

Owlfstwif Zmvltp Zmvlstyf uiva'oaemufjilvnf pEfbnf
ylyifwlvnf aemufjih pEfbnf Odxylelav; tpwf ptfvespjlynhom jrutif
tv, wf acmisi, pBqifaeonf acmifwpkuzif ajcmufbom opifkvifn
tulifajcmufSvpfg tjcmbrtr% iSi, EfbaumiEmaeonf elutifaw; oqiflrs
1/1w&ufyeajy; onf ka&om xmonf

ylli yiszpəonvni aemuchtzü tav;xmoni aemuchtzü p̄vD̄sp̄mzg f
aumisoni aemuchtzü t̄lumiſrl̄ [kw' Zmwfvrf? Zmwfaqm̄i w̄EShquþyfum aþ
quþrn̄ Zmwfvrf? ylliyimobni Zmwfvrf t̄pw̄i aemuchtESþxmoni

1 UAVMIPI 2011? 761/

**aemutitlonf a%&qufnlwmvrf ettwlyonf ylyiZmwvrfjzpbumrl twwf
ynmoabmyatniwifyEllbnfullaw&onf**

ylliZmwuwylltwlf Zmwqmijsjzpbam yefylq&mtlu? yeſcq&mtlu?
tytlybnf tr, ftlu?Eshopiwlwllquþyþyonf Zmwluwlwpulu?wpulu?
azm&mwßf yxrZmwuwlui yefylq&mtblt?&muvmly? opikwltm reſuav;tjzp
xlybnf xlmwuwlui tvélvýam reſryþ:vnjciſjzihyllmaxmibltm tlb
aponf tlb&ojzpvmecuwlif xyqitlbullcþmaponf ylyiZmwvrfjzby;
vljciſonf emaxmibltm &ocþmrljriwlwvmaponf oþþlwixubelvmaponf
xllcswlf yeſcq&mtlu?wp0? a&muvmmonf tlyfuleſcs, bonf rsmnumr
reſuav;ylfni vlyuwubll jc, bEllbnfull aw&onf xllspqih tzbtlu?
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Zmwvrfu? Zmwuwylltwlf yefyl yeſcq tytlybnfwjih tlbaponf oþþlw
wpqinly?wpqih jriwlwvmaponf ylyi&ol Zmwvrftr&yap&ef a%&ol%&vmap&ef
Zmwqmijspf Ehausmifomu?zelwvllbnf EhausmifomrSarwazlaw; ou?&m
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twhe&ejzpvmmonf Owhsmwlf tmly?iflygoubll ylyiwlvnf xnlbifxmonf
ylyiwlif EhausmifomEsh reſryþ;v;wll twhe&efull ueñuñftmly?aom Zmwqmijs
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qeñeq p&iqjzwrEshZwfvrñullt xñvit xybll&muñatmif zeñwxmonf ZmwfxQif
yli?ol&muñomtcg blibnEsh oþxlyeluv;wll tmly?frjih pðvDipmrlu? yli?iwluf
vmaponf oþxlyeluv;onf tr&w&m%&az&mwßf &&ibñu?uþjzih tajzu?
azmfonitqibña&mu&monf

ZmwfxQif yli?wlf yefylñmñibnf zci? yeſcqñmñibnf0?av;? tytlybnbnf
rti? Ehausmifomoni vi?, muñjzpbxñññu? qjzwfy?onf Zmwqif yli?wlf
jynbwltm rwþyeEll? blibnijrwu oþxlyeluv;u?ig;&may;vllbnf Zmwbot
yli?wlf EhausmifomEshreſryþ;v;wll vrlwpavñu?ayñññu?uyjihyli?emaxmif
olwltm auseyayñññftmwlwponf yli?iwpýkñññonf Owhwpýkñrm tElynñzeñw
rlsmEsha&zllxmonfullaw&onf

][tElynñr&o[qjly?om EþbuñññEþ? auseyDrñajmu?ñññveñrl
wpñññy;Elljciſonf tElynñ\ tlu?iql?P&n? tEþrjzpbam *P&n?
[kqElljyonf{}

]&opmay\oabñññ &ovñññhe&rn? [hñññtqññ & yli?iwpñññu?wlf
tlb&ovñññhe&rn?StqñññEþbuñññj&o cþm&aponf

&O*, uftaejzi h̄avmuw&fr̄w&m̄ta&Dly) tr̄w&m̄ Obaqm̄ay;&ef v̄t̄yf
onf tr̄w&m̄vut̄y;aōm jynb̄&r̄n̄szp̄alum̄fūl uav; ȳi f̄m̄s̄ aum̄sp̄n̄
ay;p̄fx̄monfūlauw&onf

3? 1? 2 Zmwāqmi t̄ew̄y

ȳi f̄w̄f̄ Zmwāqmi t̄a&ygyllyi t̄x̄Zmwāqmi f̄m̄onf v̄l̄v̄mu v̄p̄l̄f̄u
ūl̄ p̄mjȳk̄m̄jcījzih avl̄mōl̄ȳgonf̄ p̄ȳi f̄w̄f̄ Zmwāqmi f̄m̄t̄m̄ om̄reft̄m̄jzih
Mun̄f̄ȳf̄ yefylq&m̄ yefc̄l̄q&m̄ tȳf̄ȳbonf̄ Ētausm̄f̄om̄? b̄k̄i ĒD̄D̄x̄ȳf̄uav;ponf̄
jzih pma&obnf̄ Zmwāqmi f̄m̄t̄ay:w̄f̄ ȳi f̄maxm̄f̄luw̄l̄ c̄p̄Ē&ef taw̄r̄m̄azm̄ȳ
x̄monfūlauw&onf̄

yefylq&m̄onf̄acm̄f̄urf̄ȳgebb; 1/lop̄l̄w̄l̄l̄l̄l̄l̄

Il̄gonf̄l̄m̄c̄if t̄l̄īrp̄f̄jzp̄&aw̄l̄rn̄f̄ x̄lt̄c̄gr̄n̄f̄onf̄ 1/ȳf̄u 1/x̄Ē l̄aw̄m̄
rn̄f̄ [l̄w̄ȳ / x̄l̄l̄m̄īh c̄lt̄cg īḡīx̄f̄x̄Ēl̄om̄ p̄f̄t̄m̄ 1/f̄s̄w̄f̄
b̄op̄l̄w̄l̄m̄ t̄1/ȳīt̄jzp̄f̄ x̄f̄ayaw̄m̄]¹

[ka&x̄monf̄ yefc̄l̄q&m̄taw̄w̄f̄l̄vn̄f̄

Il̄gyefc̄l̄v̄u&m̄l̄bm̄ 'f̄f̄uav; t̄1/ȳf̄u 1/c̄, b̄v̄l̄&īf̄ ur̄f̄ay:r̄n̄ tacm̄
q̄l̄ t̄v̄q̄l̄ r̄f̄uav; t̄1/ȳf̄zpf̄v̄m̄r̄,]²

[kazm̄ȳx̄monf̄

x̄l̄m̄w̄aqmi f̄ōl̄ taw̄r̄m̄w̄f̄ ȳl̄maxm̄f̄luav; r̄m̄t̄m̄ vr̄n̄f̄apv̄l̄
onf̄

yefylq&m̄taw̄w̄f̄ t̄ww̄ȳn̄m̄u l̄idoaom̄ av̄mutu 1/p̄&r̄n̄f̄ k̄joīo
ōl̄aom̄ uAsjzih q&m̄zmf̄u vr̄n̄f̄x̄m̄ȳgonf̄ yefc̄l̄q&m̄taw̄w̄f̄ r̄t̄t̄Ēlyn̄m̄u
ōl̄s̄f̄x̄m̄b̄j jynb̄&Ē&ef av̄mutv̄f̄p̄&r̄n̄f̄[h̄ontaw̄ ay;x̄m̄ȳgonf̄
t̄Ēlyn̄m̄f̄w̄l̄f̄ w̄l̄f̄jȳn̄f̄ jynb̄&ur̄f̄av̄mutw̄f̄ x̄m̄&p̄&r̄n̄f̄[h̄ontaw̄f̄uay;aōm̄
ȳīf̄zpf̄ȳgonf̄ x̄l̄ub̄l̄p̄l̄f̄x̄m̄t̄r̄f̄ 1/p̄&ef auseyĒf̄n̄f̄taw̄f̄u

It̄f̄ us̄f̄w̄b̄h̄, mūl̄ t̄ww̄ȳn̄m̄l̄ aygīf̄pȳl̄f̄aw̄n̄f̄ȳ ur̄f̄ay:r̄n̄
t̄v̄q̄l̄ r̄f̄uav;wp̄a, mūf̄jzp̄l̄mayaw̄m̄v̄,]³

[k̄lȳf̄w̄b̄jȳm̄uavonf̄

x̄lt̄z̄w̄f̄ ȳn̄f̄f̄t̄ōl̄p̄n̄f̄v̄&r̄n̄f̄ Ēf̄l̄ v̄t̄f̄ av̄mutu 1/phygī
aqm̄f̄u&r̄n̄f̄ k̄ n̄f̄q̄l̄ȳgonf̄ ȳīf̄v̄r̄m̄onf̄ ȳīf̄zw̄b̄l̄taw̄? tōl̄

¹ uav̄m̄p̄ 2011? 762/

², īf̄/

³, īf̄? 763/

uebwfr^{1/2} orrefmjizi bwv^{1/2} emqitsipz⁶ fzpon⁷ eufbzaw⁸ solw⁹ z¹⁰ y¹¹if q&m¹²&n¹³ h¹⁴ scu¹⁵ ulwe¹⁶ b¹⁷ to¹⁸ apE¹⁹ y²⁰ gon²¹

x^{1/2}y^{1/2}i w^{1/2} E²²tausm²³ion²⁴ Zm²⁵w²⁶r²⁷tou²⁸di²⁹pon³⁰ t³¹br³² o³³&oy³⁴if atm³⁵ zelw³⁶x³⁷mon³⁸ b³⁹il⁴⁰ur⁴¹fri t⁴²mP⁴³u⁴⁴q⁴⁵e⁴⁶om Zm⁴⁷w⁴⁸y⁴⁹z⁵⁰pon⁵¹ acw⁵²it qu⁵³qu⁵⁴if El⁵⁵if⁵⁶ i⁵⁷w⁵⁸if aw⁵⁹il⁶⁰av⁶¹bn⁶² 0⁶³xly⁶⁴eu⁶⁵av⁶⁶;on⁶⁷ tr⁶⁸l⁶⁹&m⁷⁰\ jy, k⁷¹z⁷²pon⁷³ ur⁷⁴if⁷⁵ to⁷⁶o⁷⁷w⁷⁸if rw⁷⁹&m⁸⁰rs⁸¹1/2neon⁸²ul w⁸³fv⁸⁴E⁸⁵l⁸⁶om y⁸⁷n⁸⁸if s⁸⁹zp⁹⁰&ef B⁹¹l⁹²pm⁹³oi⁹⁴h⁹⁵um⁹⁶if taw⁹⁷ully⁹⁸;on⁹⁹ Zm¹⁰⁰w¹⁰¹q¹⁰²mi¹⁰³sw¹⁰⁴0¹⁰⁵z¹⁰⁶pon¹⁰⁷ y¹⁰⁸ij¹⁰⁹zw¹¹⁰lb¹¹¹bn¹¹² 0¹¹³xly¹¹⁴eu¹¹⁵av¹¹⁶; \ q¹¹⁷iz¹¹⁸w¹¹⁹ csu¹²⁰ul E¹²¹bu¹²²at¹²³mi¹²⁴zelw¹²⁵x¹²⁶mon¹²⁷ tr¹²⁸l¹²⁹&m¹³⁰w¹³¹if tu¹³²o¹³³it¹³⁴a¹³⁵l¹³⁶um¹³⁷io¹³⁸ih y¹³⁹&b¹⁴⁰w¹⁴¹v¹⁴²u¹⁴³ct¹⁴⁴El¹⁴⁵nt¹⁴⁶aw¹⁴⁷ully¹⁴⁸;p¹⁴⁹fa¹⁵⁰om y¹⁵¹ij¹⁵²z¹⁵³pon¹⁵⁴

3? 1? 3 umva' oaemut¹⁵⁵

y¹⁵⁶ifq¹⁵⁷&mon¹⁵⁸ umva' oaemut¹⁵⁹ll Zm¹⁶⁰w¹⁶¹r¹⁶²? Zm¹⁶³w¹⁶⁴q¹⁶⁵mi¹⁶⁶sw¹⁶⁷ES¹⁶⁸ qu¹⁶⁹py¹⁷⁰w¹⁷¹iy¹⁷²rl aum¹⁷³fr¹⁷⁴bon¹⁷⁵full aw¹⁷⁶lon¹⁷⁷ t¹⁷⁸xu¹⁷⁹az¹⁸⁰ny¹⁸¹yg 0¹⁸²xly¹⁸³eu¹⁸⁴av¹⁸⁵;y¹⁸⁶ib¹⁸⁷nf Zm¹⁸⁸w¹⁸⁹r¹⁹⁰foab¹⁹¹mt & M¹⁹²nl¹⁹³if 0¹⁹⁴w¹⁹⁵lt¹⁹⁶ww¹⁹⁷yn¹⁹⁸mt¹⁹⁹ES²⁰⁰h n²⁰¹h²⁰²fon²⁰³ p²⁰⁴nz²⁰⁵w²⁰⁶l²⁰⁷p²⁰⁸l²⁰⁹ul p²¹⁰n²¹¹if q²¹²l²¹³q²¹⁴l²¹⁵q²¹⁶mi²¹⁷um Zm²¹⁸w²¹⁹r²²⁰fp²²¹0²²²az²²³ny²²⁴yon²²⁵ Zm²²⁶w²²⁷u²²⁸l²²⁹wp²³⁰fu²³¹l²³²u²³³if zelw²³⁴rz²³⁵ih Zm²³⁶w²³⁷u²³⁸l²³⁹u²⁴⁰yl²⁴¹l²⁴²full t²⁴³q²⁴⁴low²⁴⁵bn²⁴⁶ p²⁴⁷nz²⁴⁸w²⁴⁹l²⁵⁰tr²⁵¹l²⁵²ay;El²⁵³tu b²⁵⁴to²⁵⁵ne²⁵⁶b²⁵⁷iy²⁵⁸ga²⁵⁹om &o²⁶⁰[²⁶¹q²⁶²rn²⁶³]

Zm²⁶⁴w²⁶⁵r²⁶⁶? Zm²⁶⁷w²⁶⁸q²⁶⁹ni²⁷⁰ u²⁷¹ p²⁷²my²⁷³l²⁷⁴, f²⁷⁵, f²⁷⁶ us, f²⁷⁷el²⁷⁸bn²⁷⁹ ur²⁸⁰if²⁸¹ v²⁸²l²⁸³to²⁸⁴l²⁸⁵ v²⁸⁶u²⁸⁷fb²⁸⁸on²⁸⁹l²⁹⁰ tr²⁹¹l²⁹²&m²⁹³ t²⁹⁴av²⁹⁵;x²⁹⁶ma²⁹⁷ny²⁹⁸ao²⁹⁹m³⁰⁰ n³⁰¹ t³⁰²o³⁰³ur³⁰⁴l³⁰⁵ El³⁰⁶ t³⁰⁷ou³⁰⁸if³⁰⁹ on³¹⁰ r³¹¹bn³¹²l³¹³y³¹⁴ie³¹⁵l³¹⁶q³¹⁷ arw³¹⁸El³¹⁹tr³²⁰l³²¹&m³²²om av³²³;e³²⁴u³²⁵l³²⁶um³²⁷ Zm³²⁸w³²⁹q³³⁰mi³³¹rs³³² wp³³³q³³⁴ihay; p³³⁵fx³³⁶mon³³⁷full aw³³⁸0³³⁹ly³⁴⁰gon³⁴¹

tr³⁴²l³⁴³&m³⁴⁴ES³⁴⁵h arw³⁴⁶l³⁴⁷&m³⁴⁸\ ausZ³⁴⁹lon³⁵⁰bm we³⁵¹l³⁵²ur³⁵³l³⁵⁴um³⁵⁵if av³⁵⁶u³⁵⁷l³⁵⁸u³⁵⁹l³⁶⁰y³⁶¹K al³⁶²umi³⁶³ t³⁶⁴q³⁶⁵l³⁶⁶tr³⁶⁷l³⁶⁸u³⁶⁹av³⁷⁰l³⁷¹mw³⁷²0³⁷³ly³⁷⁴gon³⁷⁵

3? 2 t³⁷⁶bl³⁷⁷l³⁷⁸kv³⁷⁹h³⁸⁰l³⁸¹u³⁸²l³⁸³u³⁸⁴l³⁸⁵if

t³⁸⁶bl³⁸⁷l³⁸⁸kv³⁸⁹h³⁹⁰l³⁹¹u³⁹²l³⁹³u³⁹⁴l³⁹⁵if *ye³⁹⁶ly³⁹⁷iz³⁹⁸pon³⁹⁹ y⁴⁰⁰ij⁴⁰¹&n⁴⁰²if ts⁴⁰³l⁴⁰⁴ taj⁴⁰⁵ft⁴⁰⁶jri⁴⁰⁷if aom *ye⁴⁰⁸l⁴⁰⁹, f⁴¹⁰rm⁴¹¹ t⁴¹²bl⁴¹³l⁴¹⁴u⁴¹⁵l⁴¹⁶um⁴¹⁷if aw⁴¹⁸if⁴¹⁹l⁴²⁰u⁴²¹av⁴²²;rs⁴²³1/2l⁴²⁴o⁴²⁵l⁴²⁶u⁴²⁷l⁴²⁸l⁴²⁹ou⁴³⁰ab⁴³¹l⁴³²if cr⁴³³om⁴³⁴&al⁴³⁵umi⁴³⁶if az⁴³⁷ny⁴³⁸x⁴³⁹mon⁴⁴⁰ t⁴⁴¹a⁴⁴²&y⁴⁴³:u⁴⁴⁴ph⁴⁴⁵ay:u⁴⁴⁶if taj⁴⁴⁷ft⁴⁴⁸jri⁴⁴⁹l⁴⁵⁰ur⁴⁵¹l⁴⁵²ny⁴⁵³ tr⁴⁵⁴l⁴⁵⁵u⁴⁵⁶aq⁴⁵⁷mi⁴⁵⁸l⁴⁵⁹u⁴⁶⁰l⁴⁶¹l⁴⁶²om tu⁴⁶³l⁴⁶⁴w⁴⁶⁵&m⁴⁶⁶al⁴⁶⁷umi⁴⁶⁸h⁴⁶⁹l⁴⁷⁰cr⁴⁷¹om⁴⁷²&al⁴⁷³umi⁴⁷⁴if wi⁴⁷⁵fy⁴⁷⁶x⁴⁷⁷my⁴⁷⁸gon⁴⁷⁹

】t⁴⁸⁰bl⁴⁸¹l⁴⁸²kv⁴⁸³h⁴⁸⁴l⁴⁸⁵u⁴⁸⁶l⁴⁸⁷u⁴⁸⁸l⁴⁸⁹if y⁴⁹⁰ij⁴⁹¹ft⁴⁹²u⁴⁹³0⁴⁹⁴c⁴⁹⁵y⁴⁹⁶h⁴⁹⁷

॥¹½SvēavNyāomt cg *yefynwif jwrrm} ac: v, brnt btlwwpD
½avonf}^1

3? 2? 1 ZmwfVrfzefwyK

Zmwlyfylfwif Zmwfqmi wifwif aemufcuzllyaznfyum tpylonif tbiltvnm
onif ylyi Zmwfrtwif ta&ygonyif awmifxif tifcijsri Zmwfrtwif ta&yg
onif Zmwfwuylifwif awmifapmifv, fuifjyif s tvlylvlybfomwif awmifajcrif
aeaomumv aqmi f0aygufumv pyg&uvcfazmifydr&nif, tsufulajymifjyeixnif
azmifxmonif a&vfrirrb;rsfawt mif tbiltbnf pygyifsmuifr&cijspbniif xif
tjzpf tyusufulizmif&mu ylyi kuzpp0fyra&bj jzp&yf0%yazmif a&omxmonif
xlabmuif tbiltvnmEShajr;av;wifunifalumifull

Jeðeaom aerisflöðn yim, wifoll usqisaystuñ f oðravny
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t blitlñrmu jriawvñlñavonf Nunñisuyif t blitlñf wleñly
ajcmuscmoðrbñf ojriawvñlñ & onhtjcift&mñf rhleufarßi ñom
wtwefluñwpþrbñf yim, þ&jiñqñS rñkumisuiþl xliwuðeoV
xiðoni/ xlvtfrhlt weðruðrn tNtraebJ wpðoholvnlyfum

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yi¹, yiyi² ausfzwlvuf r³l⁴buq⁵ll a⁶l⁷u⁸vmaellumisulfv⁹
olv¹⁰&on¹¹}¹²

[k t E¹³lo¹⁴yzm¹⁵& z¹⁶x¹⁷mon¹⁸ y¹⁹y i²⁰l²¹jzpp²²babma& v²³s²⁴ y²⁵y i²⁶ft &om²⁷pmE²⁸rn²⁹
t E³⁰babma³¹umih y³²y i³³zwolt³⁴ t³⁵lp³⁶l³⁷zp³⁸ay: v³⁹mon⁴⁰ t⁴¹bl⁴²tl⁴³ , le⁴⁴lt⁴⁵
xi⁴⁶pr⁴⁷mu⁴⁸ r⁴⁹lyk⁵⁰ l⁵¹ap⁵² r⁵³l⁵⁴pon⁵⁵ k azm⁵⁶fyNy⁵⁷ , le⁵⁸lt⁵⁹aE⁶⁰sh t⁶¹bl⁶²tl⁶³ 1/2⁶⁴g⁶⁵bo⁶⁶
on⁶⁷ k azm⁶⁸fyx⁶⁹mon⁷⁰ j⁷¹y⁷²l⁷³ub⁷⁴lx⁷⁵mi y⁷⁶y i⁷⁷em⁷⁸axm⁷⁹l⁸⁰tz⁸¹ ol⁸²lp⁸³l⁸⁴zp⁸⁵ay: v⁸⁶mon⁸⁷
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[ka'gozi¹har; ol²l³azm⁴ya& z⁵ y⁶y i⁷l⁸l⁹ouD¹⁰l¹¹apon¹² r¹³l¹⁴on¹⁵l¹⁶allumis¹⁷&i¹⁸l¹⁹l²⁰is²¹
j²²y²³l²⁴u²⁵lx²⁶ x²⁷mon²⁸ Zm²⁹wl³⁰u³¹ly³²l³³fw³⁴l³⁵ pygyi³⁶l³⁷mu³⁸ t³⁹bl⁴⁰l⁴¹l⁴²jc⁴³i⁴⁴zih tajzu⁴⁵
azm⁴⁶lx⁴⁷l⁴⁸mon⁴⁹l⁵⁰ aw⁵¹l⁵²on⁵³ x⁵⁴babmtw⁵⁵l⁵⁶ y⁵⁷y i⁵⁸w⁵⁹l⁶⁰ j⁶¹y⁶²l⁶³azm⁶⁴lx⁶⁵l⁶⁶mon⁶⁷l⁶⁸
tjrist⁶⁹l⁷⁰l⁷¹l⁷²l⁷³l⁷⁴l⁷⁵l⁷⁶l⁷⁷l⁷⁸l⁷⁹l⁸⁰l⁸¹l⁸²l⁸³l⁸⁴l⁸⁵l⁸⁶l⁸⁷l⁸⁸l⁸⁹l⁹⁰l⁹¹l⁹²l⁹³l⁹⁴l⁹⁵l⁹⁶l⁹⁷l⁹⁸l⁹⁹l¹⁰⁰l¹⁰¹l¹⁰²l¹⁰³l¹⁰⁴l¹⁰⁵l¹⁰⁶l¹⁰⁷l¹⁰⁸l¹⁰⁹l¹¹⁰l¹¹¹l¹¹²l¹¹³l¹¹⁴l¹¹⁵l¹¹⁶l¹¹⁷l¹¹⁸l¹¹⁹l¹²⁰l¹²¹l¹²²l¹²³l¹²⁴l¹²⁵l¹²⁶l¹²⁷l¹²⁸l¹²⁹l¹³⁰l¹³¹l¹³²l¹³³l¹³⁴l¹³⁵l¹³⁶l¹³⁷l¹³⁸l¹³⁹l¹⁴⁰l¹⁴¹l¹⁴²l¹⁴³l¹⁴⁴l¹⁴⁵l¹⁴⁶l¹⁴⁷l¹⁴⁸l¹⁴⁹l¹⁵⁰l¹⁵¹l¹⁵²l¹⁵³l¹⁵⁴l¹⁵⁵l¹⁵⁶l¹⁵⁷l¹⁵⁸l¹⁵⁹l¹⁶⁰l¹⁶¹l¹⁶²l¹⁶³l¹⁶⁴l¹⁶⁵l¹⁶⁶l¹⁶⁷l¹⁶⁸l¹⁶⁹l¹⁷⁰l¹⁷¹l¹⁷²l¹⁷³l¹⁷⁴l¹⁷⁵l¹⁷⁶l¹⁷⁷l¹⁷⁸l¹⁷⁹l¹⁸⁰l¹⁸¹l¹⁸²l¹⁸³l¹⁸⁴l¹⁸⁵l¹⁸⁶l¹⁸⁷l¹⁸⁸l¹⁸⁹l¹⁹⁰l¹⁹¹l¹⁹²l¹⁹³l¹⁹⁴l¹⁹⁵l¹⁹⁶l¹⁹⁷l¹⁹⁸l¹⁹⁹l²⁰⁰l²⁰¹l²⁰²l²⁰³l²⁰⁴l²⁰⁵l²⁰⁶l²⁰⁷l²⁰⁸l²⁰⁹l²¹⁰l²¹¹l²¹²l²¹³l²¹⁴l²¹⁵l²¹⁶l²¹⁷l²¹⁸l²¹⁹l²²⁰l²²¹l²²²l²²³l²²⁴l²²⁵l²²⁶l²²⁷l²²⁸l²²⁹l²³⁰l²³¹l²³²l²³³l²³⁴l²³⁵l²³⁶l²³⁷l²³⁸l²³⁹l²⁴⁰l²⁴¹l²⁴²l²⁴³l²⁴⁴l²⁴⁵l²⁴⁶l²⁴⁷l²⁴⁸l²⁴⁹l²⁵⁰l²⁵¹l²⁵²l²⁵³l²⁵⁴l²⁵⁵l²⁵⁶l²⁵⁷l²⁵⁸l²⁵⁹l²⁶⁰l²⁶¹l²⁶²l²⁶³l²⁶⁴l²⁶⁵l²⁶⁶l²⁶⁷l²⁶⁸l²⁶⁹l²⁷⁰l²⁷¹l²⁷²l²⁷³l²⁷⁴l²⁷⁵l²⁷⁶l²⁷⁷l²⁷⁸l²⁷⁹l²⁸⁰l²⁸¹l²⁸²l²⁸³l²⁸⁴l²⁸⁵l²⁸⁶l²⁸⁷l²⁸⁸l²⁸⁹l²⁹⁰l²⁹¹l²⁹²l²⁹³l²⁹⁴l²⁹⁵l²⁹⁶l²⁹⁷l²⁹⁸l²⁹⁹l³⁰⁰l³⁰¹l³⁰²l³⁰³l³⁰⁴l³⁰⁵l³⁰⁶l³⁰⁷l³⁰⁸l³⁰⁹l³¹⁰l³¹¹l³¹²l³¹³l³¹⁴l³¹⁵l³¹⁶l³¹⁷l³¹⁸l³¹⁹l³²⁰l³²¹l³²²l³²³l³²⁴l³²⁵l³²⁶l³²⁷l³²⁸l³²⁹l³³⁰l³³¹l³³²l³³³l³³⁴l³³⁵l³³⁶l³³⁷l³³⁸l³³⁹l³⁴⁰l³⁴¹l³⁴²l³⁴³l³⁴⁴l³⁴⁵l³⁴⁶l³⁴⁷l³⁴⁸l³⁴⁹l³⁵⁰l³⁵¹l³⁵²l³⁵³l³⁵⁴l³⁵⁵l³⁵⁶l³⁵⁷l³⁵⁸l³⁵⁹l³⁶⁰l³⁶¹l³⁶²l³⁶³l³⁶⁴l³⁶⁵l³⁶⁶l³⁶⁷l³⁶⁸l³⁶⁹l³⁷⁰l³⁷¹l³⁷²l³⁷³l³⁷⁴l³⁷⁵l³⁷⁶l³⁷⁷l³⁷⁸l³⁷⁹l³⁸⁰l³⁸¹l³⁸²l³⁸³l³⁸⁴l³⁸⁵l³⁸⁶l³⁸⁷l³⁸⁸l³⁸⁹l³⁹⁰l³⁹¹l³⁹²l³⁹³l³⁹⁴l³⁹⁵l³⁹⁶l³⁹⁷l³⁹⁸l³⁹⁹l⁴⁰⁰l⁴⁰¹l⁴⁰²l⁴⁰³l⁴⁰⁴l⁴⁰⁵l⁴⁰⁶l⁴⁰⁷l⁴⁰⁸l⁴⁰⁹l⁴¹⁰l⁴¹¹l⁴¹²l⁴¹³l⁴¹⁴l⁴¹⁵l⁴¹⁶l⁴¹⁷l⁴¹⁸l⁴¹⁹l⁴²⁰l⁴²¹l⁴²²l⁴²³l⁴²⁴l⁴²⁵l⁴²⁶l⁴²⁷l⁴²⁸l⁴²⁹l⁴³⁰l⁴³¹l⁴³²l⁴³³l⁴³⁴l⁴³⁵l⁴³⁶l⁴³⁷l⁴³⁸l⁴³⁹l⁴⁴⁰l⁴⁴¹l⁴⁴²l⁴⁴³l⁴⁴⁴l⁴⁴⁵l⁴⁴⁶l⁴⁴⁷l⁴⁴⁸l⁴⁴⁹l⁴⁵⁰l⁴⁵¹l⁴⁵²l⁴⁵³l⁴⁵⁴l⁴⁵⁵l⁴⁵⁶l⁴⁵⁷l⁴⁵⁸l⁴⁵⁹l⁴⁶⁰l⁴⁶¹l⁴⁶²l⁴⁶³l⁴⁶⁴l⁴⁶⁵l⁴⁶⁶l⁴⁶⁷l⁴⁶⁸l⁴⁶⁹l⁴⁷⁰l⁴⁷¹l⁴⁷²l⁴⁷³l⁴⁷⁴l⁴⁷⁵l⁴⁷⁶l⁴⁷⁷l⁴⁷⁸l⁴⁷⁹l⁴⁸⁰l⁴⁸¹l⁴⁸²l⁴⁸³l⁴⁸⁴l⁴⁸⁵l⁴⁸⁶l⁴⁸⁷l⁴⁸⁸l⁴⁸⁹l⁴⁹⁰l⁴⁹¹l⁴⁹²l⁴⁹³l⁴⁹⁴l⁴⁹⁵l⁴⁹⁶l⁴⁹⁷l⁴⁹⁸l⁴⁹⁹l⁵⁰⁰l⁵⁰¹l⁵⁰²l⁵⁰³l⁵⁰⁴l⁵⁰⁵l⁵⁰⁶l⁵⁰⁷l⁵⁰⁸l⁵⁰⁹l⁵¹⁰l⁵¹¹l⁵¹²l⁵¹³l⁵¹⁴l⁵¹⁵l⁵¹⁶l⁵¹⁷l⁵¹⁸l⁵¹⁹l⁵²⁰l⁵²¹l⁵²²l⁵²³l⁵²⁴l⁵²⁵l⁵²⁶l⁵²⁷l⁵²⁸l⁵²⁹l⁵³⁰l⁵³¹l⁵³²l⁵³³l⁵³⁴l⁵³⁵l⁵³⁶l⁵³⁷l⁵³⁸l⁵³⁹l⁵⁴⁰l⁵⁴¹l⁵⁴²l⁵⁴³l⁵⁴⁴l⁵⁴⁵l⁵⁴⁶l⁵⁴⁷l⁵⁴⁸l⁵⁴⁹l⁵⁵⁰l⁵⁵¹l⁵⁵²l⁵⁵³l⁵⁵⁴l⁵⁵⁵l⁵⁵⁶l⁵⁵⁷l⁵⁵⁸l⁵⁵⁹l⁵⁶⁰l⁵⁶¹l⁵⁶²l⁵⁶³l⁵⁶⁴l⁵⁶⁵l⁵⁶⁶l⁵⁶⁷l⁵⁶⁸l⁵⁶⁹l⁵⁷⁰l⁵⁷¹l⁵⁷²l⁵⁷³l⁵⁷⁴l⁵⁷⁵l⁵⁷⁶l⁵⁷⁷l⁵⁷⁸l⁵⁷⁹l⁵⁸⁰l⁵⁸¹l⁵⁸²l⁵⁸³l⁵⁸⁴l⁵⁸⁵l⁵⁸⁶l⁵⁸⁷l⁵⁸⁸l⁵⁸⁹l⁵⁹⁰l⁵⁹¹l⁵⁹²l⁵⁹³l⁵⁹⁴l⁵⁹⁵l⁵⁹⁶l⁵⁹⁷l⁵⁹⁸l⁵⁹⁹l⁶⁰⁰l⁶⁰¹l⁶⁰²l⁶⁰³l⁶⁰⁴l⁶⁰⁵l⁶⁰⁶l⁶⁰⁷l⁶⁰⁸l⁶⁰⁹l⁶¹⁰l⁶¹¹l⁶¹²l⁶¹³l⁶¹⁴l⁶¹⁵l⁶¹⁶l⁶¹⁷l⁶¹⁸l⁶¹⁹l⁶²⁰l⁶²¹l⁶²²l⁶²³l⁶²⁴l⁶²⁵l⁶²⁶l⁶²⁷l⁶²⁸l⁶²⁹l⁶³⁰l⁶³¹l⁶³²l⁶³³l⁶³⁴l⁶³⁵l⁶³⁶l⁶³⁷l⁶³⁸l⁶³⁹l⁶⁴⁰l⁶⁴¹l⁶⁴²l⁶⁴³l⁶⁴⁴l⁶⁴⁵l⁶⁴⁶l⁶⁴⁷l⁶⁴⁸l⁶⁴⁹l⁶⁵⁰l⁶⁵¹l⁶⁵²l⁶⁵³l⁶⁵⁴l⁶⁵⁵l⁶⁵⁶l⁶⁵⁷l⁶⁵⁸l⁶⁵⁹l⁶⁶⁰l⁶⁶¹l⁶⁶²l⁶⁶³l⁶⁶⁴l⁶⁶⁵l⁶⁶⁶l⁶⁶⁷l⁶⁶⁸l⁶⁶⁹l⁶⁷⁰l⁶⁷¹l⁶⁷²l⁶⁷³l⁶⁷⁴l⁶⁷⁵l⁶⁷⁶l⁶⁷⁷l⁶⁷⁸l⁶⁷⁹l⁶⁸⁰l⁶⁸¹l⁶⁸²l⁶⁸³l⁶⁸⁴l⁶⁸⁵l⁶⁸⁶l⁶⁸⁷l⁶⁸⁸l⁶⁸⁹l⁶⁹⁰l⁶⁹¹l⁶⁹²l⁶⁹³l⁶⁹⁴l⁶⁹⁵l⁶⁹⁶l⁶⁹⁷l⁶⁹⁸l⁶⁹⁹l⁷⁰⁰l⁷⁰¹l⁷⁰²l⁷⁰³l⁷⁰⁴l⁷⁰⁵l⁷⁰⁶l⁷⁰⁷l⁷⁰⁸l⁷⁰⁹l⁷¹⁰l⁷¹¹l⁷¹²l⁷¹³l⁷¹⁴l⁷¹⁵l⁷¹⁶l⁷¹⁷l⁷¹⁸l⁷¹⁹l⁷²⁰l⁷²¹l⁷²²l⁷²³l⁷²⁴l⁷²⁵l⁷²⁶l⁷²⁷l⁷²⁸l⁷²⁹l⁷³⁰l⁷³¹l⁷³²l⁷³³l⁷³⁴l⁷³⁵l⁷³⁶l⁷³⁷l⁷³⁸l⁷³⁹l⁷⁴⁰l⁷⁴¹l⁷⁴²l⁷⁴³l⁷⁴⁴l⁷⁴⁵l⁷⁴⁶l⁷⁴⁷l⁷⁴⁸l⁷⁴⁹l⁷⁵⁰l⁷⁵¹l⁷⁵²l⁷⁵³l⁷⁵⁴l⁷⁵⁵l⁷⁵⁶l⁷⁵⁷l⁷⁵⁸l⁷⁵⁹l⁷⁶⁰l⁷⁶¹l⁷⁶²l⁷⁶³l⁷⁶⁴l⁷⁶⁵l⁷⁶⁶l⁷⁶⁷l⁷⁶⁸l⁷⁶⁹l⁷⁷⁰l⁷⁷¹l⁷⁷²l⁷⁷³l⁷⁷⁴l⁷⁷⁵l⁷⁷⁶l⁷⁷⁷l⁷⁷⁸l⁷⁷⁹l⁷⁸⁰l⁷⁸¹l⁷⁸²l⁷⁸³l⁷⁸⁴l⁷⁸⁵l⁷⁸⁶l⁷⁸⁷l⁷⁸⁸l⁷⁸⁹l⁷⁹⁰l⁷⁹¹l⁷⁹²l⁷⁹³l⁷⁹⁴l⁷⁹⁵l⁷⁹⁶l⁷⁹⁷l⁷⁹⁸l⁷⁹⁹l⁸⁰⁰l⁸⁰¹l⁸⁰²l⁸⁰³l⁸⁰⁴l⁸⁰⁵l⁸⁰⁶l⁸⁰⁷l⁸⁰⁸l⁸⁰⁹l⁸¹⁰l⁸¹¹l⁸¹²l⁸¹³l⁸¹⁴l⁸¹⁵l⁸¹⁶l⁸¹⁷l⁸¹⁸l⁸¹⁹l⁸²⁰l⁸²¹l⁸²²l⁸²³l⁸²⁴l⁸²⁵l⁸²⁶l⁸²⁷l⁸²⁸l⁸²⁹l⁸³⁰l⁸³¹l⁸³²l⁸³³l⁸³⁴l⁸³⁵l⁸³⁶l⁸³⁷l⁸³⁸l⁸³⁹l⁸⁴⁰l⁸⁴¹l⁸⁴²l⁸⁴³l⁸⁴⁴l⁸⁴⁵l⁸⁴⁶l⁸⁴⁷l⁸⁴⁸l⁸⁴⁹l⁸⁵⁰l⁸⁵¹l⁸⁵²l⁸⁵³l⁸⁵⁴l⁸⁵⁵l⁸⁵⁶l⁸⁵⁷l⁸⁵⁸l⁸⁵⁹l⁸⁶⁰l⁸⁶¹l⁸⁶²l⁸⁶³l⁸⁶⁴l⁸⁶⁵l⁸⁶⁶l⁸⁶⁷l⁸⁶⁸l⁸⁶⁹l⁸⁷⁰l⁸⁷¹l⁸⁷²l⁸⁷³l⁸⁷⁴l⁸⁷⁵l⁸⁷⁶l⁸⁷⁷l⁸⁷⁸l⁸⁷⁹l⁸⁸⁰l⁸⁸¹l⁸⁸²l⁸⁸³l⁸⁸⁴l⁸⁸⁵l⁸⁸⁶l⁸⁸⁷l⁸⁸⁸l⁸⁸⁹l⁸⁹⁰l⁸⁹¹l⁸⁹²l⁸⁹³l⁸⁹⁴l⁸⁹⁵l⁸⁹⁶l⁸⁹⁷l⁸⁹⁸l⁸⁹⁹l⁹⁰⁰l⁹⁰¹l⁹⁰²l⁹⁰³l⁹⁰⁴l⁹⁰⁵l⁹⁰⁶l⁹⁰⁷l⁹⁰⁸l⁹⁰⁹l⁹¹⁰l⁹¹¹l⁹¹²l⁹¹³l⁹¹⁴l⁹¹⁵l⁹¹⁶l⁹¹⁷l⁹¹⁸l⁹¹⁹l⁹²⁰l⁹²¹l⁹²²l⁹²³l⁹²⁴l⁹²⁵l⁹²⁶l⁹²⁷l⁹²⁸l⁹²⁹l⁹³⁰l⁹³¹l⁹³²l⁹³³l⁹³⁴l⁹³⁵l⁹³⁶l⁹³⁷l⁹³⁸l⁹³⁹l⁹⁴⁰l⁹⁴¹l⁹⁴²l⁹⁴³l⁹⁴⁴l⁹⁴⁵l⁹⁴⁶l⁹⁴⁷l⁹⁴⁸l⁹⁴⁹l⁹⁵⁰l⁹⁵¹l⁹⁵²l⁹⁵³l⁹⁵⁴l⁹⁵⁵l⁹⁵⁶l⁹⁵⁷l⁹⁵⁸l⁹⁵⁹l⁹⁶⁰l⁹⁶¹l⁹⁶²l⁹⁶³l⁹⁶⁴l⁹⁶⁵l⁹⁶⁶l⁹⁶⁷l⁹⁶⁸l⁹⁶⁹l⁹⁷⁰l⁹⁷¹l⁹⁷²l⁹⁷³l⁹⁷⁴l⁹⁷⁵l⁹⁷⁶l⁹⁷⁷l⁹⁷⁸l⁹⁷⁹l⁹⁸⁰l⁹⁸¹l⁹⁸²l⁹⁸³l⁹⁸⁴l⁹⁸⁵l⁹⁸⁶l⁹⁸⁷l⁹⁸⁸l⁹⁸⁹l⁹⁹⁰l⁹⁹¹l⁹⁹²l⁹⁹³l⁹⁹

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