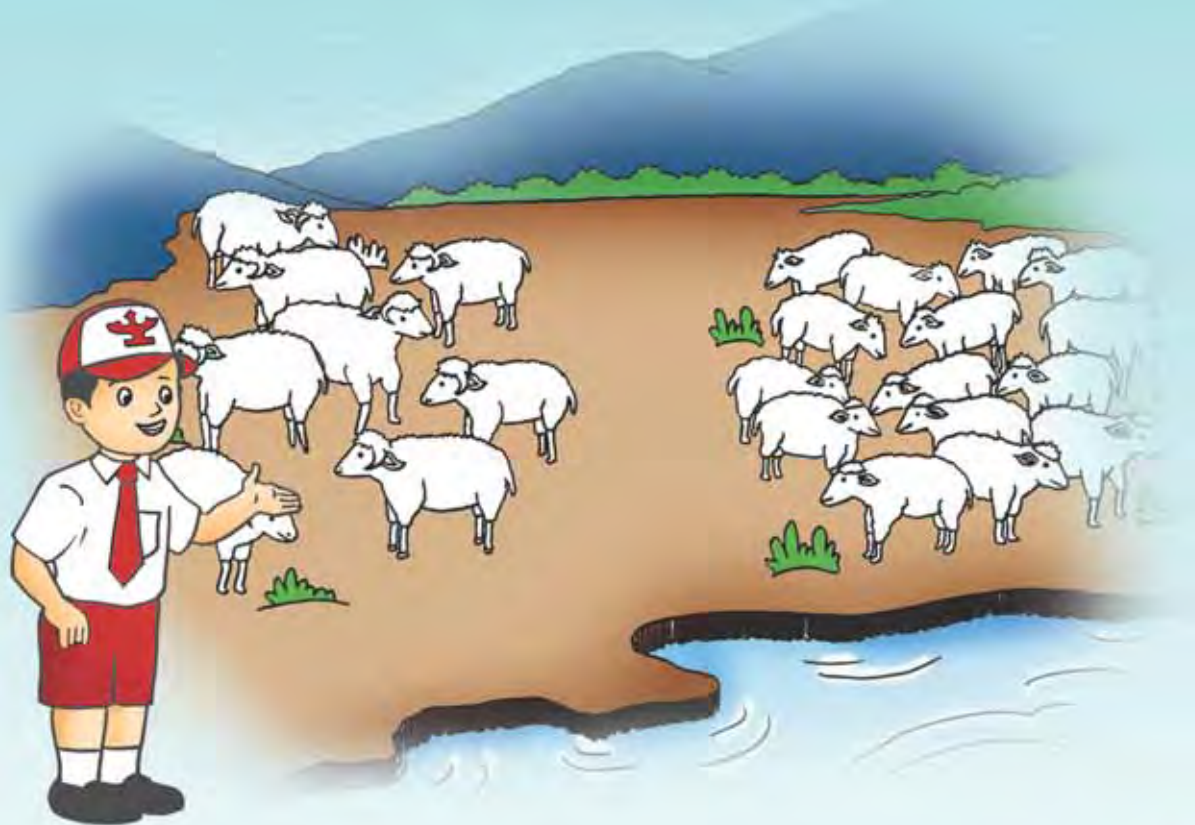


Irwan Kusdinar
Zikri



Pintar Bermatematika

untuk SD/MI kelas 2



2



PUSAT PERBUKUAN
Departemen Pendidikan Nasional

Irwan Kusdinar
Zikri

Pintar Bermatematika

untuk SD/MI kelas 2



PUSAT PERBUKUAN
Departemen Pendidikan Nasional

2

Hak Cipta Pada Departemen Pendidikan Nasional
Dilindungi Undang-undang

Pintar Bermatematika

Matematika untuk SD/MI Kelas 2

Penulis : Irwan Kusdinar
Zikri
Penyunting : Effendi
Penata Letak : Wahditamam ME, Sufyan A
Desain Sampul : Irfansyah
Ukuran Buku : 21 x 29,7 cm

372.7

IRW
p

IRWAN Kusdinar

Pintar Matematika 2: Untuk SD/MI Kelas 2 / penulis,
Irwan Kusdinar, Zikri ; penyunting, Effendi. — Jakarta : Pusat Perbukuan,
Departemen Pendidikan Nasional, 2009.
viii, 192 hlm. : illus. ; 30 cm.

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ISBN 978-979-068-569-7

1. Matematika-Studi dan Pengajaran

2. Matematika-Pendidikan Dasar

I. Judul II. Irwan Kusdinar III. Effendi

Hak Cipta Buku ini dibeli oleh Departemen Pendidikan Nasional
dari Penerbit Leuser Cita Pustaka, PT

Diterbitkan oleh Pusat Perbukuan
Departemen Pendidikan Nasional
Tahun 2009

Diperbanyak oleh

Kata Sambutan

Puji syukur kami panjatkan ke hadirat Allah SWT, berkat rahmat dan karunia-Nya, Pemerintah, dalam hal ini, Departemen Pendidikan Nasional, pada tahun 2009, telah membeli hak cipta buku teks pelajaran ini dari penulis/penerbit untuk disebarluaskan kepada masyarakat melalui situs internet (*website*) Jaringan Pendidikan Nasional.

Buku teks pelajaran ini telah dinilai oleh Badan Standar Nasional Pendidikan dan telah ditetapkan sebagai buku teks pelajaran yang memenuhi syarat kelayakan untuk digunakan dalam proses pembelajaran melalui Peraturan Menteri Pendidikan Nasional Nomor 9 Tahun 2009 tanggal 12 Februari 2009

Kami menyampaikan penghargaan yang setinggi-tingginya kepada para penulis/penerbit yang telah berkenan mengalihkan hak cipta karyanya kepada Departemen Pendidikan Nasional untuk digunakan secara luas oleh para siswa dan guru di seluruh Indonesia.

Buku-buku teks pelajaran yang telah dialihkan hak ciptanya kepada Departemen Pendidikan Nasional ini, dapat diunduh (*download*), digandakan, dicetak, dialihmediakan, atau difotokopi oleh masyarakat. Namun, untuk penggandaan yang bersifat komersial harga penjualannya harus memenuhi ketentuan yang ditetapkan oleh Pemerintah. Diharapkan bahwa buku teks pelajaran ini akan lebih mudah diakses sehingga siswa dan guru di seluruh Indonesia maupun sekolah Indonesia yang berada di luar negeri dapat memanfaatkan sumber belajar ini.

Kami berharap, semua pihak dapat mendukung kebijakan ini. Kepada para siswa kami ucapkan selamat belajar dan manfaatkanlah buku ini sebaik-baiknya. Kami menyadari bahwa buku ini masih perlu ditingkatkan mutunya. Oleh karena itu, saran dan kritik sangat kami harapkan.

Jakarta, Juni 2009
Kepala Pusat Perbukuan

Kata Pengantar

Adik-adikku ...

Belajar matematika itu penting.

Matematika membantu dalam kehidupan kita.

Seperti menghitung banyak telur.

Ibumu menyuruh belanja ke warung.

Atau mengukur waktu perjalananmu.

Buku Pintar Bermatematika khusus untukmu.

Agar kamu mudah belajar matematika.

Sehingga kamu menggemarnya.

Jadikan setiap halaman adalah pelajaran.

Agar kamu menjadi pintar.

Pintar di sekolah juga di rumah.

Ayo pintar bermatematika.

Bagaimana menggunakan buku ini

Ayo perhatikan petunjuknya.



bab 1 **Bilangan**



Lihat pertandingan balap sepeda.
Tiap peserta memiliki nomor.
101 105 107
Dan seterusnya.
Coba kamu baca nomor itu. Kemudian urutkan.

Kamu akan belajar

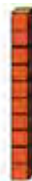
- Membandingkan bilangan sampai 500

Ayo perhatikan jajaran bata berikut.

 = satuan

10 satuan

10 satuan = 1 puluhan

 10

10 satuan bata dinamakan 1 puluhan

Latihan

Tuliskan lambang bilangannya.

1. seratus lima
2. seratus dua puluh tujuh
3. seratus empat puluh dua
4. dua ratus dua puluh empat
5. dua ratus enam puluh

Tugas

Perhatikan di sekitarmu.
Carilah satuan tak baku lainnya.

Pendahuluan
pertanyaan untuk kamu jawab

Ilustrasi
Mempermudah kamu mempelajari materi.

Melatihmu mempelajari uraian dalam **latihan**.

Tugas
Siswa belajar mengerjakan soal matematika.

Aktivitas Matematika

Perhatikan kotak angka berikut.



100	101	102	103	104	105	106	107	108	109	110
210	211	212	213	214	215	216	217	218	219	220
330	331	332	333	334	335	336	337	338	339	340
440	441	442	443	444	445	446	447	448	449	450
490	491	492	493	494	495	496	497	498	499	500

Kura-kura pergi ke rumah siput. Siput berada di 445. Bacakan bilangan yang dilewati. Tapi siput sedang pergi. Siput pergi ke rumah kerang. Kerang berada di 500. Bacakan bilangan yang dilewati kerang.

Terapan Matematika



Coba tonton pertandingan bola basket. Selesai pertandingan ada pemenangnya. Pemenang ditentukan berdasarkan nilai terbesar. Misalnya pada PON X. Tim Jawa Barat memperoleh nilai 234. Tim DKI Jakarta memperoleh nilai 246. Jadi tim DKI Jakarta adalah pemenangnya.



Siswa belajar untuk mengemukakan pendapat dalam berdiskusi sehingga persoalan matematika yang ada dapat terselesaikan dengan cara mempraktikkannya dalam **aktivitas siswa**

Terapan Matematika, merupakan penerapan materi yang dipelajari dalam kehidupan sehari-hari agar siswa memahami kehidupannya tidak jauh dari matematika

Cermin Diri

- 
1. Sebutkan bilangan 100 sampai 200.
 2. Apa yang dimaksud dengan nilai tempat.
 3. Mana yang terbesar, 555 atau 556.
 4. Bagaimana caramu mengurutkan bilangan.

Rangkuman

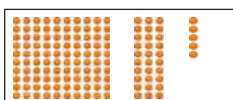
- 
1. Bilangan antara 100 sampai 500 di antaranya 101 sampai 499.
 2. 354 dibaca tiga ratus lima puluh empat.
 3. Dua ratus tujuh puluh enam ditulis 276.
 4. Nilai tempat 5 pada bilangan 457 adalah puluhan.
 5. Membandingkan bilangan digunakan **kurang dari** **lebih dari** **sama dengan**

Cermin Diri, merupakan refleksi dari materi yang telah dipelajari pada bab tersebut

Ringkasan materi yang telah dipelajari terangkum dalam **Rangkuman**

Mari Mengulang Bab 2

A. Pasangkanlah.



• • 141

Mari Mengulang, merupakan kumpulan soal-soal untuk mengulang pemahaman siswa pada bab yang telah dipelajari

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Dkɛpi cp



Nj cv'r gtvcpf lpi cp'dcɛr "ugr gf c0

Vlcr "r gugtv"o go kɛkɛpqo qt0

" "" 323" " " 327" " " 329

f cp'ugwtwup{ c0

Eqdc"ɛo w'dcec"pqo qt"kw0Mgo wf kcp'wtwnɛp0

Mco w'ɛɛp'dgɛlct

β' Ogo dcpf lpi ɛp'dkɛpi cp'uco r ck722

β' Ogpwpɛp'pkɛkgo r cv

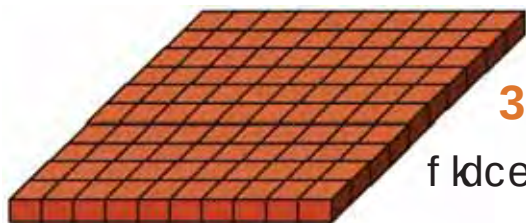
β' Ogpi wwnɛp'dkɛpi cp'uco r ck722



C0"Ogpi gpcn'Dkēpi cp'ūco r cK722

30"Ogo dkēpi 'f cp'Ogo dcec'Dkēpi cp

" C{q'r gtj cvkēp"lclctcp"dcv"dgtkmw0

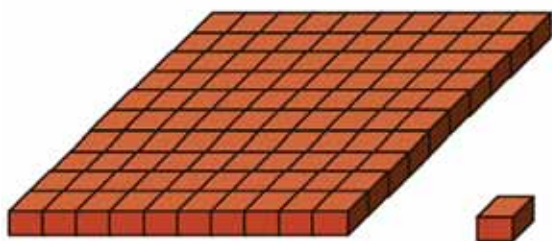


322

f ldcec"ugt~~c~~wu

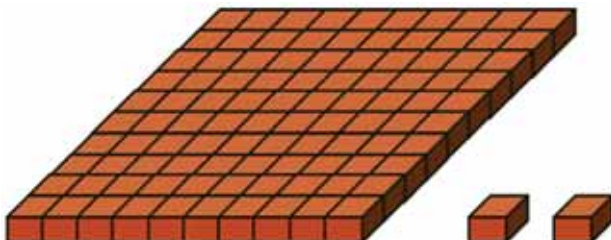
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" Rgtj cvkēp"rci k'clctcp"dcv"rkpp{c0



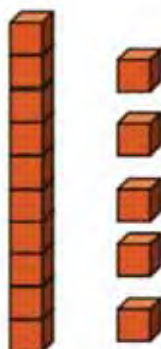
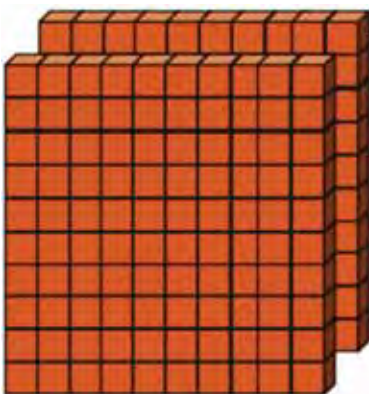
323

f ldcec"ugt~~c~~wu'ucw



324

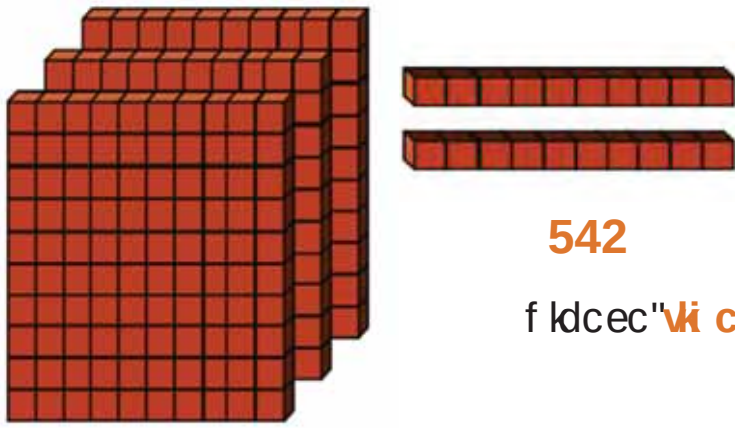
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437

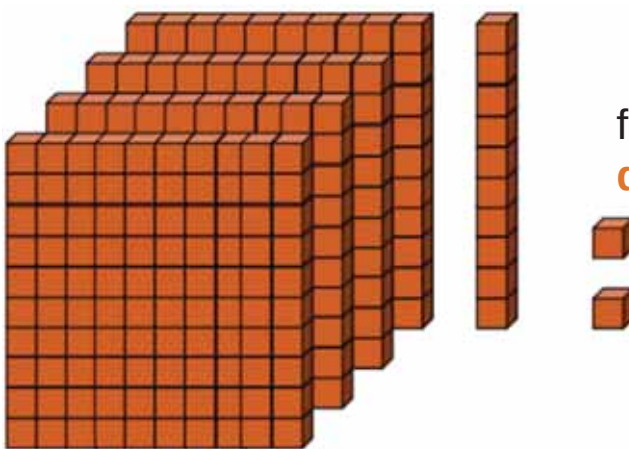
f ldcec" f wc"t~~c~~wu"rko c"
dgrcu





542

f ldcec" **vi c'tcwu'f wc'r wvj**



634

f ldcec" **go r cv'tcwu" f wc"**
dgrcu

" C{q'r gtj c **ncp'dk** pi cp"dgtkmw0

" **346**" " f ldcec" **ug**tcwu'f **wc**"r wvj **go r cv**

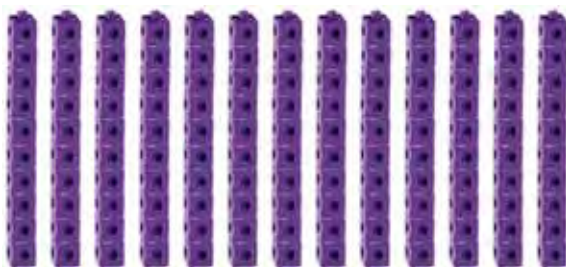
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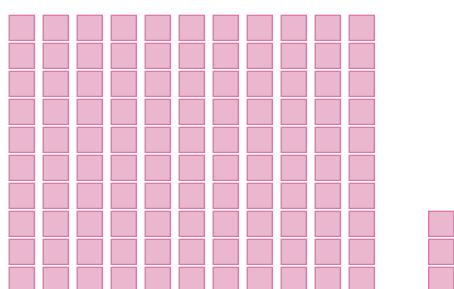
NcVj cp

C{ q'dkcpj rcj 'i co dcl'dgtkww'rcw'dcecnep0

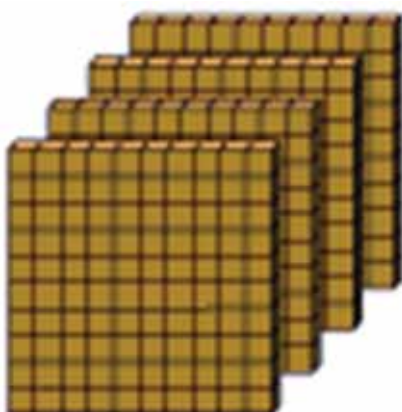
30



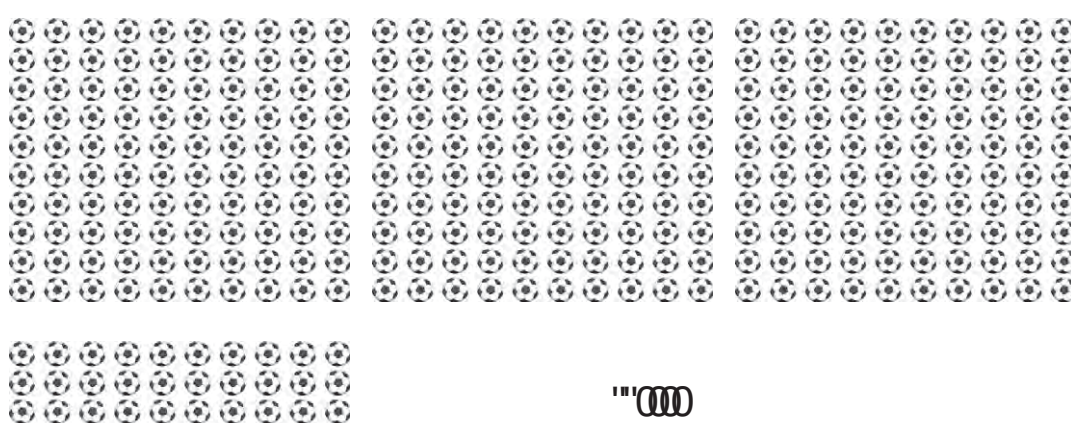
40



50



60



'''000

Cmkxkcu'Ocvgo cvknc



C{ q'ugrnf knkf gpi cp'vgo cpo w0Rgtj cvkncp'hqvcnfcpi nc"
dgtkmw0



322"323"324"325"326"327"328"329"32:"32;"332

432"433"434"435"436"437"438"439"43:"43;"442

552"553"554"555"556"557"558"559"55:"55;"562



662"663"664"665"666"667"668"669"66:"66;"672



6; 2"6; 3"6; 4"6; 5"6; 6"6; 7"6; 8"6; 9"6; : "6; ; "722

Mtc/mtc'r gti knq'two cj 'uk w0Uk w'dgtcf c'f k6670C{ q'ugrnf knkf
dkcpi cp"{ cpi 'f kgy cv0Mgo wf lcp'dcecncp0Vcr kuk w'ugf cpi "
r gti k0Uk w'r gti knq'two cj "ngr kkp0Mgr kkp0"dggtcf c'f k7220'
C{ q'ugrnf knkdkcpi cp"{ cpi 'f kgy cvkuk w0Mgo wf lcp'dcecncp0

40"Ogpwku'Dkcpi cp

" Mco w'vgrcj "o go dkncpi "dkncpi cp0Mco w'lwi c"
r cpf ck'o go dcec"dkncpi cp0Ugnctcpi "dci clo cpc"
etc"o gpwnuncp"dkncpi cp0C{ q'r gtj cvkncp"egtkc"
dgtkmw0

" Pqpk0 go r vp{ ckugr wvj 'hqvcn'
ncv0Mcv'vgtugdw'cf crcj "wnucp"
cpi nc0Pqpk'o gpi co dkp{ c"no c"
nqvcn0Mgo wf lcp"nqvcn'f kgo r ct0'
[cpi 'vgtij cv'k c"ncv0'

f wc'""""""""go r cv'""""""no c

f wc'tcwu'go r cv'r wvj 'no c



Dci clo cpc"ectc"o gpw

" "f wc"tcwu"go r cv'r wvj "ho c

" ""4" ""6" " ""7

ugtcwu"f wc"r wvj "ki c""f kwrku""345

f wc"tcwu"go r cv'r wvj "ho c"f kwrku"467

Rgtj c"p"eqpvqj "p{ c"dgtknw"pk0

" Dkpi cp"	Fldcec
" 323"	ugtcwu"ucwv
" 324"	ugtcwu"f wc
" 325"	ugtcwu"ki c
" 326"	ugtcwu"go r cv
" 327"	ugtcwu"ho c
" 342"	ugtcwu"f wc"r wvj
" 463"	f wc"tcwu"go r cv'r wvj "ucwv
" 578"	ki c"tcwu"ho c"r wvj "gpco



Ncvlj cp

C{q'wrluncp"teo dcpj "dkpi cpp{ c0

30' ugtcwu"ho c

40' ugtcwu"f wc"r wvj "wlvj

50' ugtcwu"go r cv'r wvj "f wc

60" f wc"tcwu"f wc"r wvj "go r cv

70" f wc"tcwu"gpco "r wvj

80""ki c"tcwu"wlvj "r wvj

90""ki c"tcwu"ho c"r wvj "gpco

: 0' ki c"tcwu"ugo dkcp"r wvj "ugo dkcp

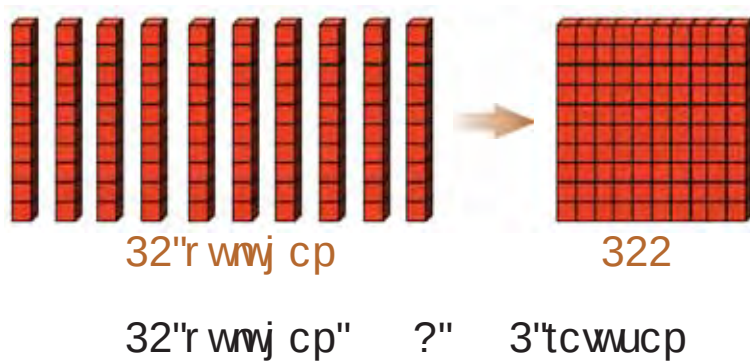
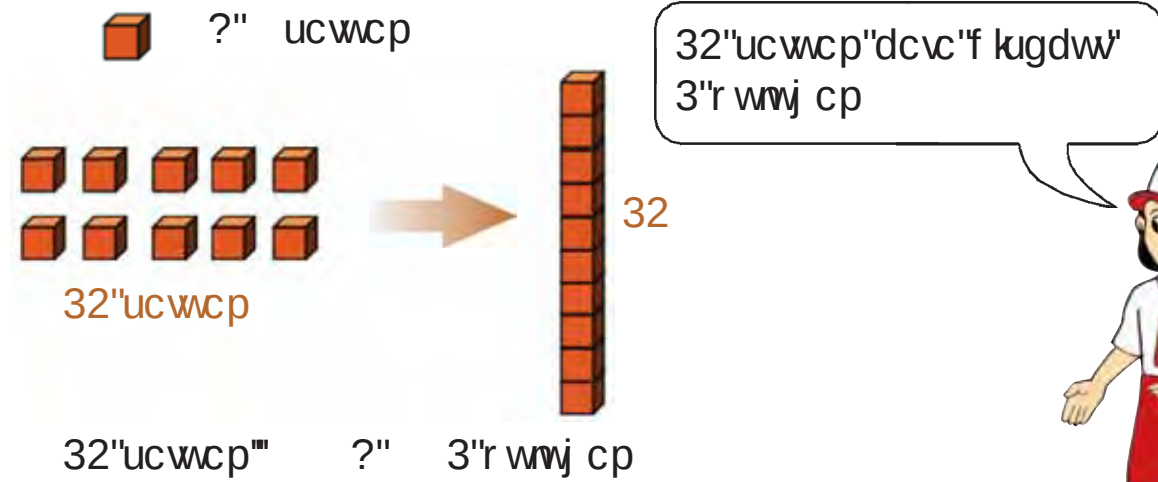
; 0' go r cv'tcwu"f wc"r wvj "ucwv

320'go r cv'tcwu"ugo dkcp"r wvj "f grer cp

D0'P kckVgo r cv

30" Ogo dkcpi 'f cp'Ogo dcec'Dkcpi cp

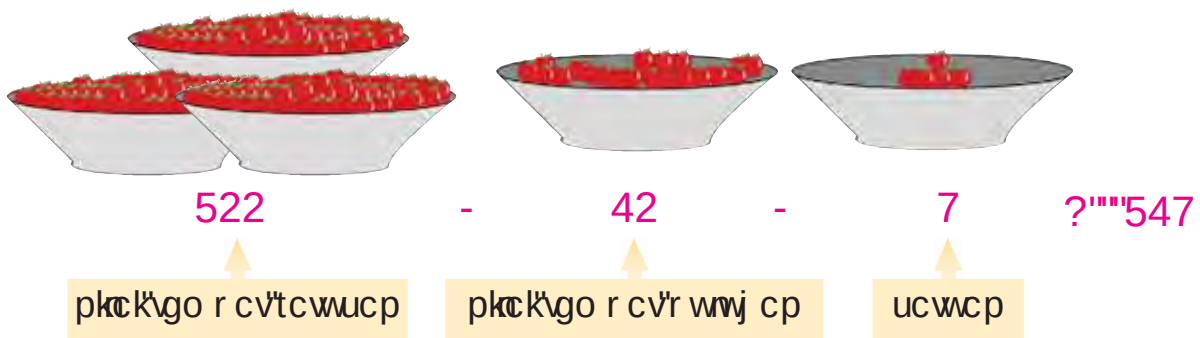
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Ugnctcpi "r gtj cvkcp"rci k0

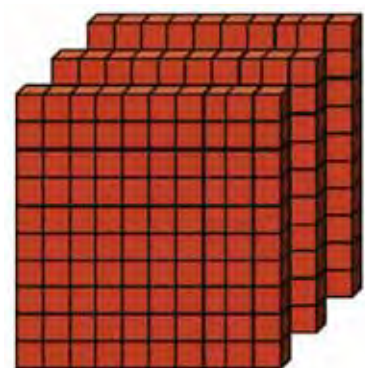
Cpf k0 go kck547"cr gr0

k"o gpgo r cvkcp"f cko "ngtcplcpi /ngtcplcpi 0



Octknc'i wpcncp'o qf grugr gtvdgtkww0

5



5'tcwucp

4



4'r wwj cp

7



7'ucwcp

Octknc'i wpcncp'cdgr0

" tcwucp"	r wwj cp"	ucwcp
" 5"	4"	7



547

Lcf kr cf c"dkcpi cp"547

" 5'o go knkpkc k'go r cv'tcwucp

" 4'o go knkpkc k'go r cv'r wwj cp

" 7'o go knkpkc k'go r cv'ucwcp

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Eqpvj

Dgtcr cmcj "pkc k'cpi nc'r cf c"4790

Lcy cd

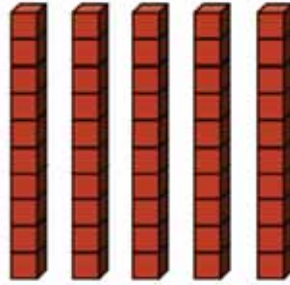
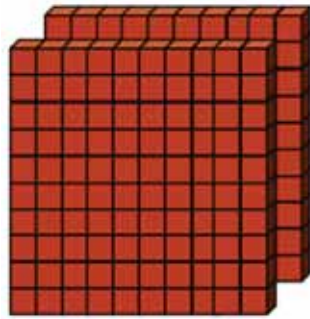
I co dctncp'r go qf grcp'wpwn'4790



dwcv'bo qf gr'hcwucp"4"dwcj

dwcv'bo qf gr'r wwyj cp"7"dwcj

dwcv'bo qf gr'ucwucp"9"dwcj



4"tcwucp

-

7"r wwyj cp

-

9"ucwucp

?""479

lcf k'"

479

→ 9"cf cæj "ucwucp

→ 7"cf cæj "r wwyj cp

→ 4"cf cæj "tcwucp



Ncvlj cp

C0' C{ q'ku'vcdgr'ldgtf cuctncp'pkækvgo r cvp{ c0

'Nco dcpì "Dkæpi cp"	Tcwucp"	Rwyj cp"	Ucwucp
398	3	00	00
443	00	00	00
576	00	00	00
5; 3	00	00	00
639	00	00	00

D0' C{ q'wku'f cico 'dgpwnr cplcpi 0

30' 397"?'" "tcwucp"- "" "r wvj cp"- "" "ucwcp
 40' 35: "?'" "tcwucp"- "" "r wvj cp"- "" "ucwcp
 50' 378"?'" "tcwucp"- "" "r wvj cp"- "" "ucwcp
 60' 387"?'" "tcwucp"- "" "r wvj cp"- "" "ucwcp
 70' 395"?'" "tcwucp"- "" "r wvj cp"- "" "ucwcp
 80' 469"?'" "tcwucp"- "" "r wvj cp"- "" "ucwcp
 90' 4: 7"?'" "tcwucp"- "" "r wvj cp"- "" "ucwcp
 : 0' 5; : "?'" "tcwucp"- "" "r wvj cp"- "" "ucwcp
 ; 0' 676"?'" "tcwucp"- "" "r wvj cp"- "" "ucwcp
 320'6; 4"?'" "tcwucp"- "" "r wvj cp"- "" "ucwcp

E0'Ogo dcpf kpi ncp'Dkpi cp

C{ q'r gtj cwnp"eqpvj "dgtknw0

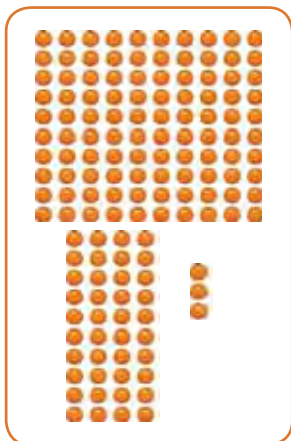
Eqpvj '3

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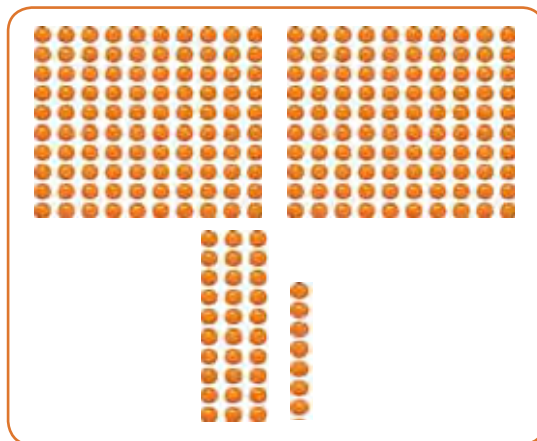
Tqpko go knk'459"lgtwn0

Lgtwn'ulcr c'r cnp "ugf knk0

Eqdc"nco w'dkpi 0



Lgtwn'ng r wp{ ccp"F pk



Lgtwn'ng r wp{ ccp"T qpk

365'pk'k'cwwucp"cf c'j "3

" pk'k'r w'j cp"cf c'j "6

" pk'k'ucwucp"cf c'j "5

459'pk'k'cwwucp"cf c'j "4

" pk'k'r w'j cp"cf c'j "5

" pk'k'ucwucp"cf c'j "9

365"nwtcpi "f ct'k'459

Lcf k'"lgtw'F k'k'r c'pi "ugf k'k'0

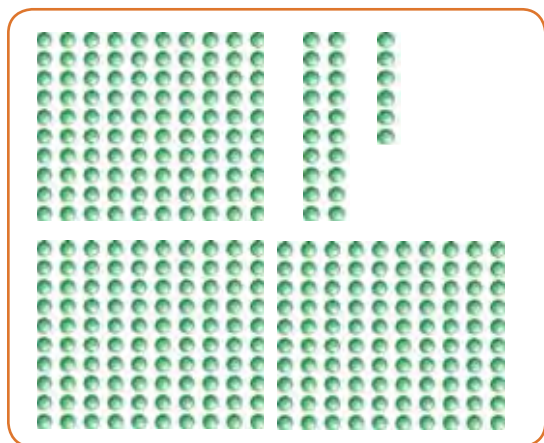
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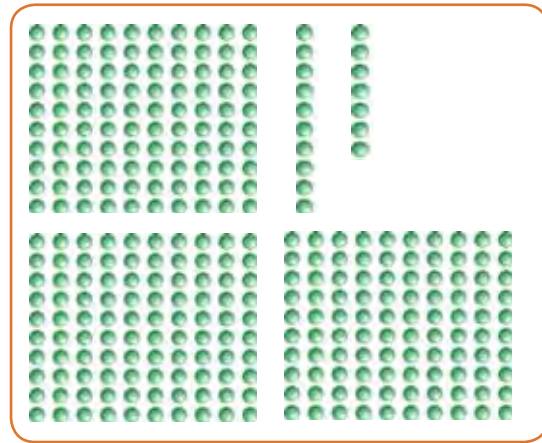
Cj o cf "o go k'k'"539"ng'gtgpi 0

ng'gtgpi "ukr c'r c'pi "dcp{cn0

C{q"d'k'cpi 0



"M'gtgpi "ng' wp{ccp"Fqpk' "



M'gtgpi "ng' wp{ccp"Cj o cf

548"ng'lj "f ct'k'539

Lcf k'"ng'gtgpi "Fqpk'r c'pi "dcp{cn0

Eqpvqj '5

Oqpc"o go kdk378"r gtcpi nq0

Tlo c"r wp"o go kdk378"r gtcpi nq0

Rgtcpi nq"ulcr cmcj "r npi "dcp{ cm0

C{q"dkcpi 0



Rgtcpi nq"nqr wp{ccp"Oqpc" "Rgtcpi nq"nqr wp{ccp"Tlo c

378"uco c"f gpi cp"378

Lcf k"lwo ncj "r gtcpi nq"uco c"dcp{ cm0

Wpwnio go dcpf lpi ncp"i wpcncp

" "" "

rdk "f ctk

" "" "

mtcpi "f ctk

" "" "

uco c"f gpi cp



NcVj cp

C{ q'dcpf lpi ncp'f wc'hwo r wncp'dgpf c'dgtkww0

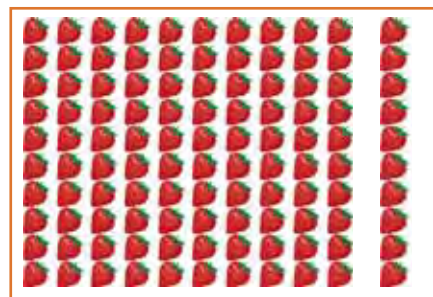
I wpcncp'ngdlj 'f ctk'hwtcpi 'f ctk'bcw'uco c'f gpi cp

30



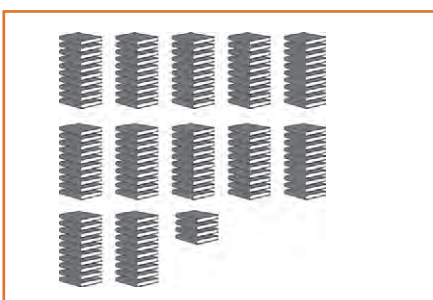
"dcp{ cm'lgtwm'

00



""dcp{ cm'utqdgk

40



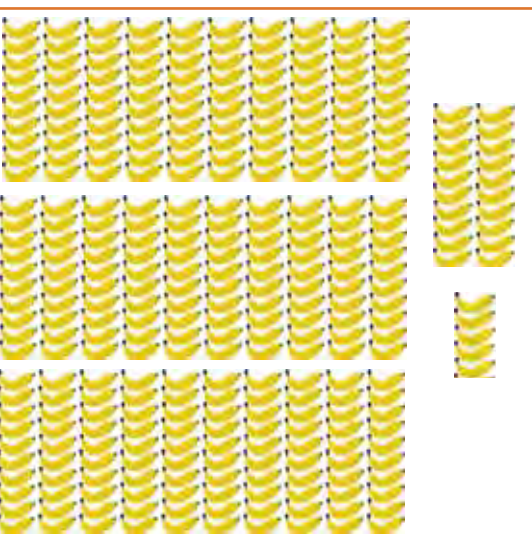
"dcp{ cm'dwnw'

00

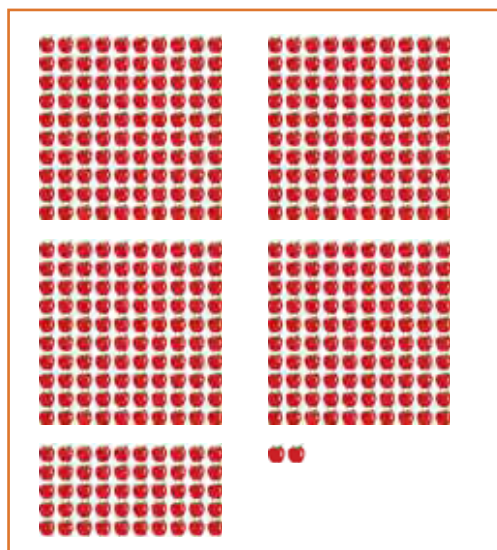


""dcp{ cm'r wpi gp

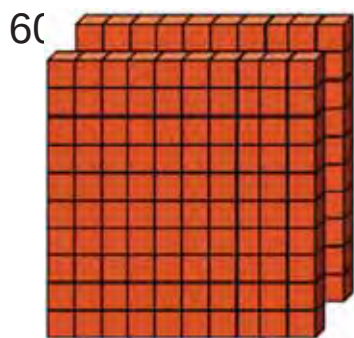
"50



"dcp{ cm'r kucpi00

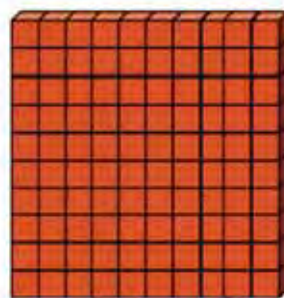


.....dcp{ cm'r gn



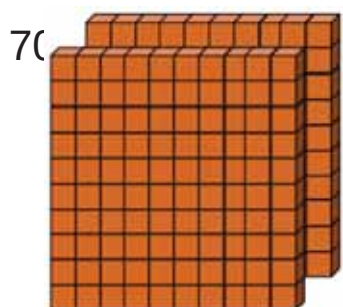
60

" 422"



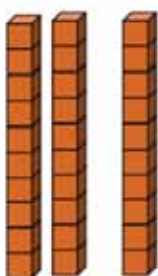
" 0"

322

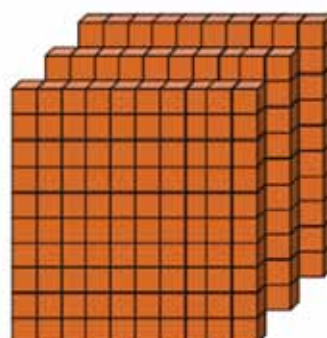


70

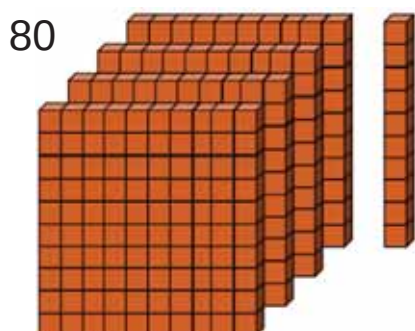
" 452"



" 0"



552

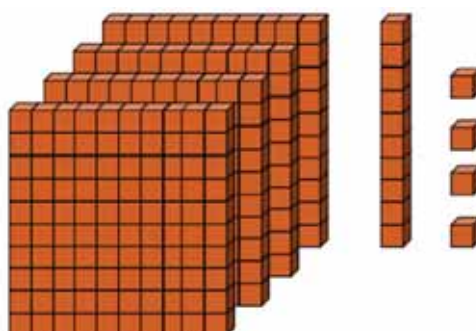


80

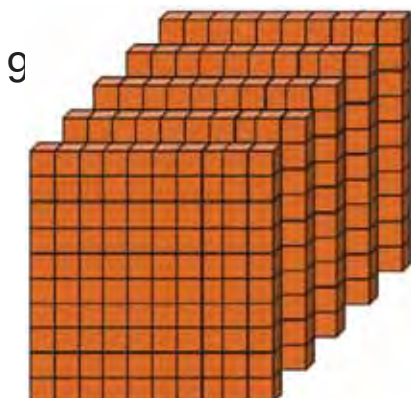
" 634"



" 0"



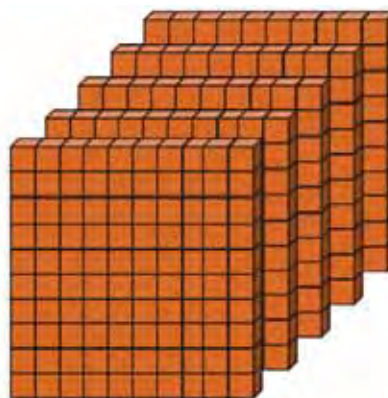
636



9

" 722"

" 0"



722

F0'Ogpi wtwncp'Dkcp cp

30"Ogpi wtwncp'Dkcp cp'f ctK'Vgtngek'ng'Vgtdguct

Dcpf lpi nc'p'dkcp cp'dgtknw0

" 446" 345" 459" 667

Ocp'{"cp' "vgtngek0

Ocp'{"cp' "vgtguct0

ngo wf kcp'wtwncp'f ctK'Vgtngek'ng'vgtguct0

"Tcwucp"	Rwnj cp"	Ucwcp	
			446
			345
			459
			667

FctK'cdgr'f k gtqngj

" dkcp cp'vgtngek'o go k'ktcwucp'vgtngek'" 345

" dkcp cp'vgtguct'o go k'ktcwucp'vgtguct'" 667

Lcf k'wtwncp'f ctK'Vgtngek'ng'vgtguct"

345""446""459""667

Eqpvqj

C{q'wtwncp'f ctK'Vgtngek'ng'vgtguct0

435."437."3; : ."346."387."5: 9

Lcy cd

wtwncp'f ctK'Vgtngek'ng'vgtguct"cf cncj "

" 346" 387" 3; : " 435" 437" 5: 9



Ncvlj cp

C{ q'wtwnncp'f ctKvgtngckng'vgt dguct0

30' ; ; " 3; 5" 362" 367" 35; " 366

40' 3; 3" 322" 643" 5; : " 34; " 437

50' 4: 9" 3: 9" 5; 4" 574" 3: 9" 324

60' 43; " ; : " 32: " 59: " 54; " 553

70' 337" 3; 4" 487" 458" 329" 722

80' 539" 547" 4: 9" 387" 3; ; " 635

90' 3: 9" 384" 478" 4; : " 564" 476

: 0' 4: 9" 3; : " ; ; " 32; " 4: ; " 54;

; 0' 4: 9" 4; : " 598" 3; 9" 4; ; " 499

320'44; " 489" 456" 487" 3: 9" 384

40' Ogpi wtwnncp'Dkncpi cp'f ctKvgt dguct'ng'Vgtngckn

" Dcpf lpi ncpi'dkncpi cp'dgtnw0

" 467'334'449'658

Ocpnc{cpi "vgtngckn'Ocpnc{cpi "vgt dguct0Wtwnncp'f ctKvgt dguct" ng'vgtngckn

"Tcwncp"	Rwnlj cp"	Ucwncp

467

334

449

658

Fctk\cdgrñf k gtqñj

" Dkēpi cp'vgtngēk'o go kñk'cwcup'vgtngēk' 334

" Dkēpi cp'vgtgdugt'o go kñk'cwcup'vgtgdugt" 658

Lcf k'wtwcp'f ctK\gtgdugt'ng'vgtngēk

658'""""449'""""449'""""334



Ncvlj cp

C{ q'wtwncp'f ctK\gtgdugt'ng'vgtngēk0

3" 45: " ; ; " 54; " 39: " 32: " 437

4" 54; " 322" 634" 435" 38: " 44;

5" 722" 43: " 43; " 333" 489" 3; :

6" 4; : " 34; " 39: " 3; : " 53: " 3; :

7" 398" 34; " 389" 43; " 498" 449

8" 3; : " 43: " 546" 659" 54; " 328

9" 465" 398" 576" 645" 6; ; " 34;

: " 6; : " 69; " 324" 434" 558" 498

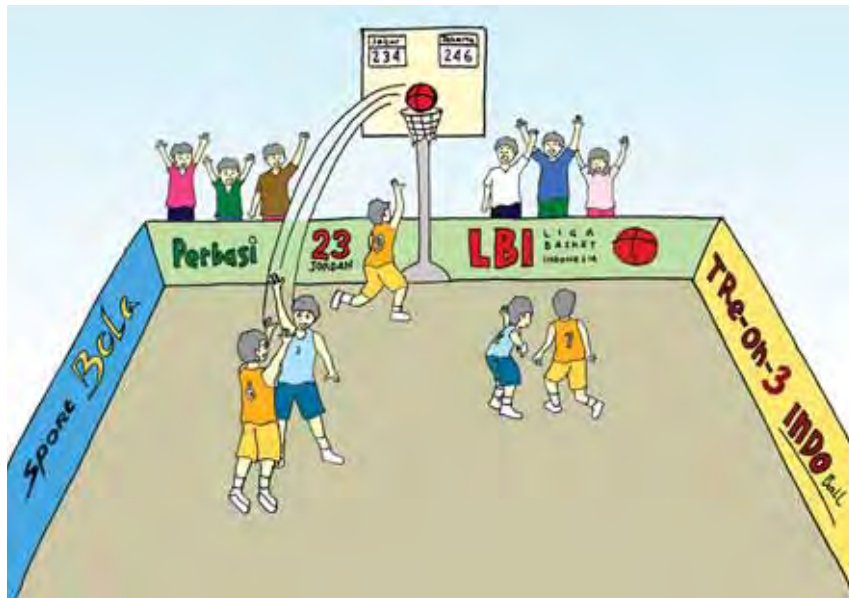
; " 5: 9" 558" 567" 43; " 4; 9" 54;

32" 4: 9" 398" 3; : " 498" 54: " 553

Vgter cp'Ocvgo cvknc



Eqdc"vqvqp"r gtvcpf kpi cp"dqnc"dcungv0
Ugrugckr gtvcpf kpi cp"cf c"r go gpcpi p{ c0
Rgo gpcpi "f kgpwnncp"dgtf cuctncp"pkckvgtdguct0
Okucnp{ c"r cf c"RQP"ng"ugr wvj 0
Vlo "Lcy c"Dctcv0 go r gtqrj "pkck4560
Vlo "FMKLnctvc"o go r gtqrj "pkck4680
Lcf kvo "FMKLnctvc"cf cncj "r go gpcpi p{ c0



Egto kp'Ftk

30"C{ q"ugdwncp"dkncpi cp"322"uco r ck4220
40"Cr c"{ cpi "f lo cnwf "f gpi cp"pkckgo r cvEqdc"lgncunncp0
50"Opcp"{ cpi "vgtdguct."777"cvw"7780
60' Dci clo cpc"ectco w'o gpi wtwncp"dkncpi cpEqdc"lgncunncp0

T cpi nwo cp

30' Dkēpi cp'cpwctc'322'ūco r ck722'f kēcpwctcp{ c'323"
uco r ck6; ; 0

40' 576'f kdcec'vk c'tcwu'no c'r wvj "go r cv0

50' Fwc'tcwu'wlvj "r wvj "gpco "f kwku"4980

60' Pkēk'go r cv7'r cf c'dkēpi cp"679"cf cnej "r wvj cp0

70' Ogo dcpf kpi nēp"dkēpi cp'f k wpcnēp

" nwtcpi "f ctk

" rjdlj "f ctk

" uco c'f gpi cp

80' Ncpi nej "o go dcpf kpi nēp"dkēpi cp

β' dcpf kpi nēp'tcwucpp{ c

β' lkē'tcwucpp{ c"uco c'dcpf kpi nēp'r wvj cpp{ c

β' lkē'r wvj cpp{ c"uco c'dcpf kpi nēp"ucwucpp{ c

β' tcwucp"r wvj cp"f cp"ucwucp"uco c"ugj kpi i c"
ngf wc'dkēpi cp"uco c'dguct"

90' Ogpi wtnēp"dkēpi cp'f cr cvf lo wckf ctk

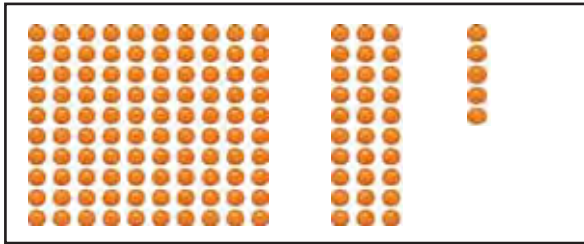
" vgtngēk'ng'vgtdguct"cvw

" vgtguct"ng'vgtngēkn



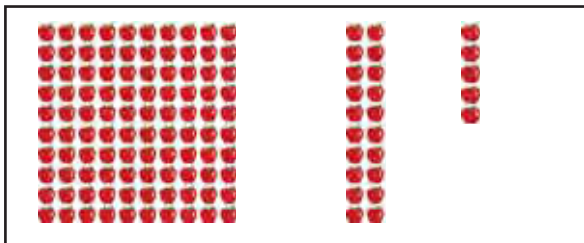
Octk'Ogpi wrępi 'Dcd'3

C0' C{ q'r cucpi nępręj 0



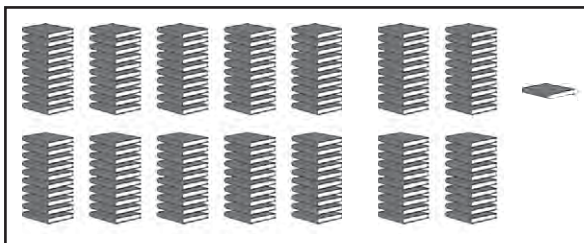
•

363



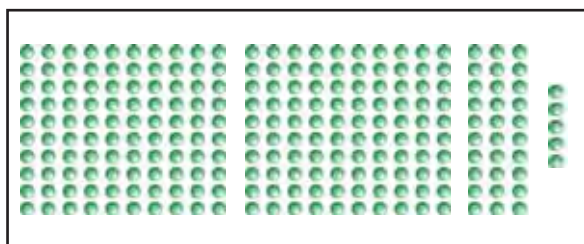
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545



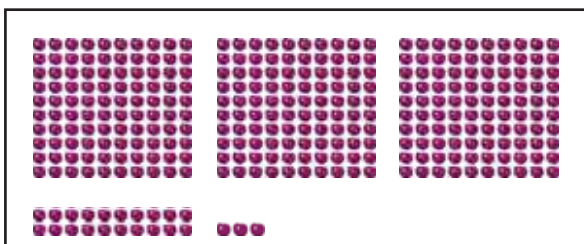
•

347



•

357



•

457

D0' Rkij rj 'c'd'cvcw'e'f cpi 'vgr cv0

30' 549'f kwku'" 0

c0' vk c'tcwwu'vk c'r wwj "gpco

d0' no c'tcwwu

e0' vk c'tcwwu'f wc'r wwj 'w/wj

40' Go r cv'tcwwu'vk c'r wwj "no c'f kdcec'" 0

c0' 657

d0' 647

e0' 675

50' 458'"'" 365

c0' mwtcpi 'f ctk

d0' rjdlj 'f ctk

e0' uco c'f gpi cp

60' 345'" " 4; :

c0' mwtcpi 'f ctK

d0' rjdlj 'f ctK

e0' uco c'f gpi cp

70' Dgtkw'wtwcp"dkcpi cp'f ctKng'ek'ng"dguct'" 0

c0' 456'"'" 578'"589'"678

d0' 448" '"348'"39: '"567

e0' 4; : " '"347'"34; '"356

E0' Mgtlcncprcj 'uqcnldgtknw0

30" Cf c'r gtvcpf lpi cp"dcrcr "ugr gf c0'

" Rgugtv"dcrcr "ugr gf c"o go kkkpqo qt"dgtknw0

" 4: 9"354"376"34: "32; "32:

" Wtwncp"f ctKvgtngckng"vgt dguct0'

40' Rcf c'r gtvcpf lpi cp"dqrc"dcungvf k gtqrj "

" Pkkklo "C" 459

" Pkkklo "D"346

" Vlo "o cpcncj "{ cpi "o gplcf k'r go gpcpi 0

50' I kpc"o grncwncp"qrcj tci c"ctknpccv0

" Nqpecvcp"r gtvco c"365"ugpvlo gvgto

" Nqpecvcp"ngf wc"356"ugpvlo gvgto

" Nqpecvcp"ngk c"355"ugpvlo gvgto

" Ocpc"nqpecvcp"{ cpi "vgr cplcpi 0

" Ocpc"nqpecvcp"{ cpi "vgr gpf gn0

" Wtwncp"f ctKvgt dguct"ng"vgtngck0

60' Dwcrcj "wtwcp"dkcpi cp"f ctKvgtngckng"vgt dguct0

" Dkcpi cpp{ c"nc0 w'vgpwncp"ugpf kl0

70" Flpk0 go dcpf lpi ncpc"dkcpi cp"dgtknw

657"mwtcpi "f ctK456

" Cr c"ngucrcj cp"f ctK'r gngtlccp"F kl0

" C{ q"dgpwncp"r gngtlccp"F kl0



Mco w'cncp'dgrclct

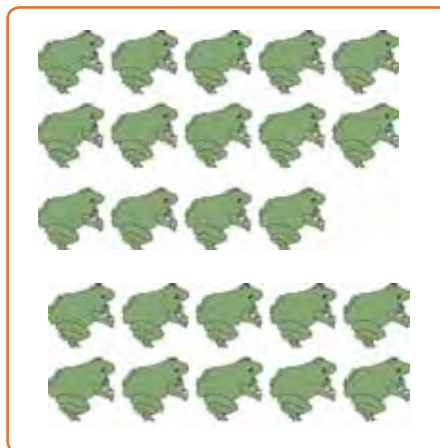
β' Rgplwo πj cp"dkcpi cp

C0' Rgpi gtlcp'Rgplwo rj cp

Cf c'f wc'nwo r wcp'ncvn0

Mwo r wcp'gtugdw'nc'i cdwpi rcp0

Fk gtqrj

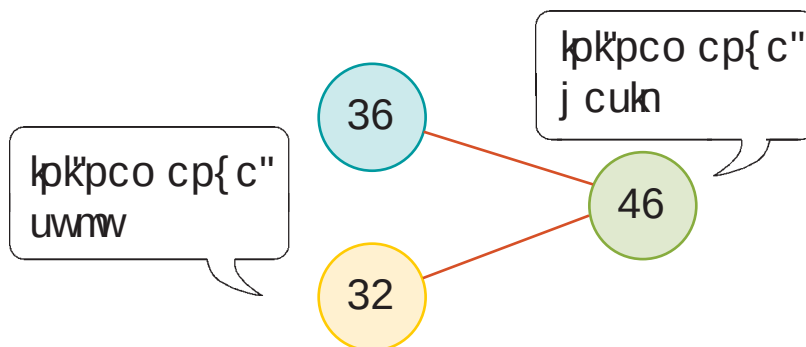


36"- '32'?"46



Rgpi i cdwpi cp'lpkf kpc0 cncp'r gplwo rj cp0

Rgplwo rj cp'f kdgtkvcpf c''' -



Lcf k'36"- '32'?"46

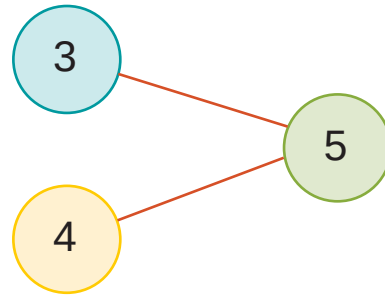
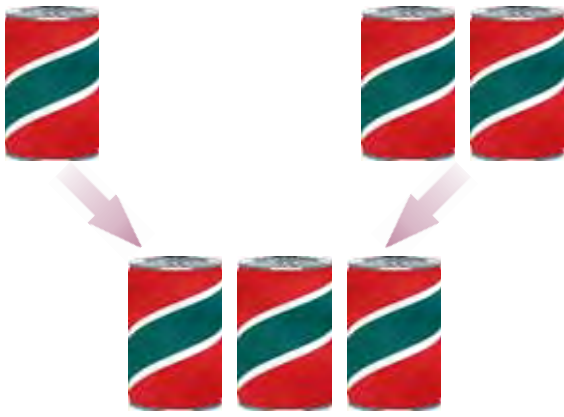
Eqvqj '3

Cpf k0 go k'3'ncrpi "ck0

Hgpko go k'4'ncrpi "ck0

Ogtgnc'o gp{ ko r cp'f cnc0 'f wu0

Cf c'dgter c'ncrpi "ck'f kf wu0

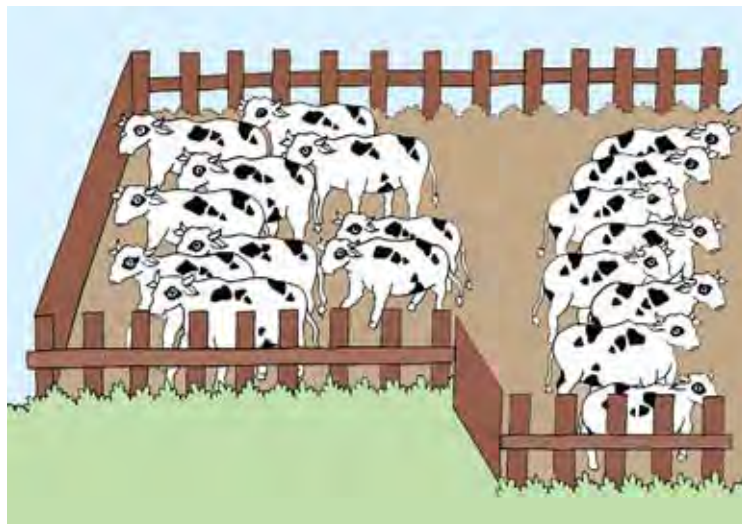


3"- "4"? "5

Lcf k" f k f c m o " f w u " c f c " 5 " n e r p i 0

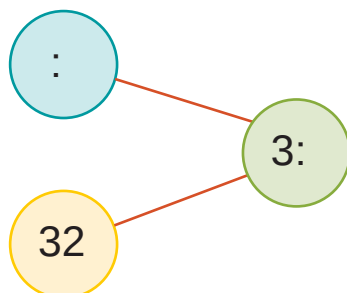
Eqpvqj '4

Cf c" r g v g t p c n e p " u c r k m c p f c p i " u c r k f g y c u c " f k u g d g r e j " h k m c p f c p i " c p c m " u c r k f k u g d g r e j " n e p c p o D g t e r c n e j " l w o r e j " u c r k u g m t w j p f c 0



D c p f c m " u c r k f k r g v g t p c n e p " c f c n e j

" : " - " 3 2 " " ? " 3 :



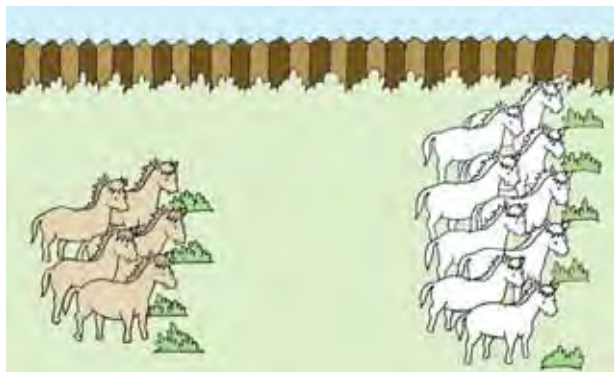
Lcf k " d c p f c m " u c r k u g m t w j p f c " c f c n e j " 3 : 0



NcVj cp

Eqdc'hgtlcncp'uqcr'dgtknw'f gpi cp'vgo cpo w0

30' Dgtknw'cf crej "ncpf cpi "nwf c0

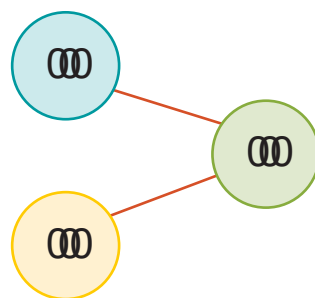


" Mwf c'r wj "cf c'" 0

" Mwf c"eqngrcv'cf c'" 0

" Lwo rej "nwf c"ugrtwj p{c"cf c'" 0

00 - 00 ? 00



40' Dgtknw'pkcf c'r gvgtpcncp'f qo dc0

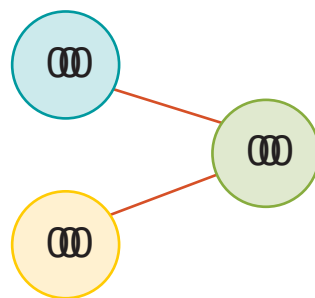


" Fqo dc'dgvpc"cf c'" 0

" Fqo dc"lcpvc"cf c'" 0

" Lwo rej "ugrtwj "f qo dc"cf c"000

00 - 00 ? 00

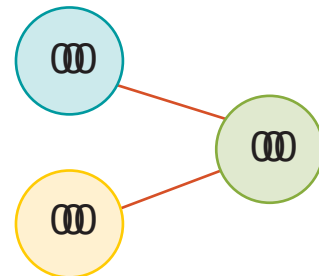


50" Rgtj cvkɛp"mwo r wɛp"uk wɸ kɔcwɸ cp'vcpcj 0



- " Uk wɸ kɔcw"dcw'cf c'" 0
- " Uk wɸ cpi "dgtlcɛp"ɸ kɔpcj "cf c"000
- " lwo ɛj "uk wɸugɛtwj p{c"cf c'" 0

00 - 00 ? 00

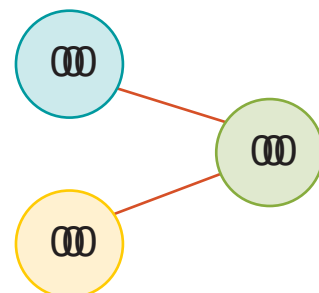


60" Rgtj cvkɛp"i co dɔt"dwmw'dgtkmw0



- " Dwmw'ɸ cpi "dgtegegtcp"cf c'" 0
- " Dwmw'ɸ cpi "dgtecf c"ɸ kɸ cɛo "ɸ wu'cf c'" 0
- " Lwo ɛj "dwmw'ugɛtwj p{c"cf c'" 0

00 - 00 ? 00



D0' Rgplwo rēj cp'Fwc'Dkēpi cp"

" Fwc'Cpi nē'f gpi cp'Fwc'Cpi nē

Rgtj cvkēp"eqpvqj "dgtkww0

Cpf k'o go kēk'37"dwnw0

Tqpko go kēk'34"dwnw

Dgtcr cēj "lwo rēj "dwnw'ugo wc0

Rgplwo rēj cpp{ c"cf cēj "

" 37"- "34"? "39

Lcf k'lwo rēj "dwnw'ugo wc"cf c"390



30' Rgplwo rēj cp'Vcpr c'Vgnpkm'Ogp{ ko r cp

Tkpko go kēk'36"o cpi i c0

Fkdgtkqgij "r co cp"340

Dgtcr c"dcp{ cm'o cpi i c"T kpkugmētcpi 0

Lcy cd

" 36"- "34"? ""

C{ q"dwcV'cdgrīpkēk'go r cv

" Rwnj cp"	Ucwcp

ectc'dgtuwuwp'r gpf gm

'3"6 c{ q"lwo rj ncp"ucwcp

'3"4" _ 6"- "4"? "8

" 8

'3"6

'3"4" _ ngo wf kcp"lwo rj ncp'r wvj cp

3"- "3"? "4

'4"8

f k gtqrj "48

ectc'dgtuwuwp'r cplcpi

36" ?" 32"- "6

34" ?" 32"- "4" _

" ?" 42"- "8"? "48

Lcf k"dcpc{ cm'o cpi i c"T kp'k480



Ncvlj cp

C0' C{ q"lwo rj ncp0l wpcncp'ectc'dgtuwuwp'r gpf gn0

30' 33"

40' 32"

50' 34

" 47" _ "

" 34" _ "

" 45 _

" 00'

" 00'

" 00

60' 35"

70' 34"

80' 36

" 44" _ "

" 56" _ "

" 55 _

" 00'

" 00'

" 00

30	37"?	"	"	40	46"?	"	"
35"?	"	"	"	44"?	"	"	"
"	?	"	"?	"	?	"	"?
50	47"?	"	"	60	34"?	"	"
36"?	"	"	"	44"?	"	"	"
"	?	"	"?	"	?	"	"?
70	33"?	"	"	80	33"?	"	"
4:"?	"	"	"	47"?	"	"	"
"	?	"	"?	"	?	"	"?
90	46"?	"	"	: 0	47"?	"	"
54"?	"	"	"	55"?	"	"	"
"	?	"	"?	"	?	"	"?
; 0	48"?	"	"	320	56"?	"	"
35"?	"	"	"	65"?	"	"	"
"	?	"	"?	"	?	"	"?

40' Rgplwo rej cp'f gpi cp'Vgnpkm'Ogp{ ko r cp

" Eqdc'i wpcncp'ndwu'ucwcp'r cf c'ngi lcvcp0

Cmkkcu'Ocvgo cvnc



C{ q'ngtlcncp'f gpi cp'vgo cpo w0

Ugf lcncp'o qf grpkckgo r cvf ctKndwu'ucwcp

Dgtcr cmcj "69"- "4; "?"

Langkah 3''' Vwplwncp'pkckgo r cvf gpi cp'o qf gr0

	Rwvj cp"	Ucwcp
69		
4;		

Langkah 4''' Lwo rej ncpc'ucwcp0

3

69

4; _"

"8" " " lwo rej ncpc'9"- "; "?"38

" " " wku'8'f cp'uko r cp'3

Langkah 5" Lwo ncj ncp'r wvj cp

3

69

4; _"

98" "

lwo ncj ncp'6"- "4"- "3"? "9
wku'9'f cnc o "r wvj cp

	Rwvj cp"	Ucwcp
69		
4;		

kp kcf cncj "j cukp{ c0



Lcf k69"- "4; "? "980



Ncvlj cp

C0' C{ q'lwo ncj ncp'dkncpi cp'dgtknw0

30' 36"	40' 33"	50' 38"	60' 3;
" 77" "	" 3; " "	" 3; " "	" 55
" 00'	" 00'	" 00'	" 00'
70' 44"	80' 58"	90' 67"	: 0' 68
" 3; "	" 58; "	" 5; "	" 3; "
" 00'	" 00'	" 00'	" 00'

D0' C{ q'lwo rej nep'dkepi cp'dgtknw0

30' 57"- "67"?'" " " " 80' 45"- "4: "?'"
 40' 69"- "87"?'" " " " 90' 57"- "6: "?'"
 50' 78"- "59"?'" " " " : 0' 65"- "3; "?'"
 60' 46"- "7: "?'" " " " ; 0' 78"- "59"?'"
 70' 3; "- "55"?'" " " " 320' 6: "- "4; "?'"

E0' Rgplwo rej cp'Fwc'Dkepi cp'Vli c'Cpi me

30' Rgplwo rej cp'Vcpr c'Vgnplm'Ogp{ lo r cp

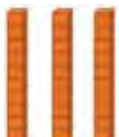
Ugqtcp{ 'r gplwcr'lo gplwcr'cr gr'ugdcp{ cm'3570

K'o gplwcr'rci k'ugdcp{ cm'5640

Dgter c'lwo rej "cr gr'cpi "vgtlwcr'ugmtwj p{ c0

Lcy cd

C{ q"dwc'Vcdgr'pk'k'go r cv0

" tcwucp"	r wwj cp"	ucwcp
		
		

357

564

Ectc'dgtuwuwp'r gpf gm

357 lwo ϯj ϯp'ucwcp
564"._ 7"- "4"? "9
""9

357 lwo ϯj ϯp'r wvj cp
564"._ 5"- "6"? "9
""99

357 lwo ϯj ϯp'tcwucp
564"._ 3"- "5"? "6
699

357"- "564"? "6990Lwo ϯj "cr gr{ cpi "vgtlwcr{cf c"6990

Ectc'dgtuwuwp'r cplcpi

357""?"322"- "52"- "7
564""?"522"- "62"- "4 "-
" ""?"622"- "92"- "9"? "699

357"- "564"? "6990Lwo ϯj "cr gr{ cpi "vgtlwcr{cf c"6990



Ncvi cp

C0' C{ q'lwo rj rcp0l wpcncp'ectc'dgtuwuwp'r gpf gn0

30' 456"

" 684" " "

" 000"

40' 359"

" 464" " "

" 000"

50' 348"

" 394" " "

" 000"

60' 446"

" 343" " "

" 000"

70' 374"

" 453" " "

" 000"

80' 438"

" 554" " "

" 000"

90' 648"

" 364" " "

" 000"

: 0' 755"

" 444" " "

" 000"

; 0' 64:

" 753" " "

" 000"

D0' C{ q'lwo rj rcp0l wpcncp'ectc'dgtuwuwp'r cplcpi 0

30' 346" ? " " " " "

346" ? " " " " " "

" ? " " " " " "

40 357" ? " " " " "

484" ? " " " " " "

" ? " " " " " "

50' 583" ? " " " " "

554" ? " " " " " "

" ? " " " " " "

60 478" ? " " " " "

365" ? " " " " " "

" ? " " " " " "

70' 453" ? " " " " "

365" ? " " " " " "

" ? " " " " " "

40' Rgplwo rēj cp'f gpi cp'Vgnpkn'Op{ lo r cp

Ucpvko gplwcrn459'tco dwcp0

Ucpvko gplwcrnngo dcrk35; 'tco dwcp0

Dgtcr c'tco dwcp" { cpi "vgtlwcrtugrwtvj p{ c0

Wpwnio gplcy cd."rnmwcp"ngi kvc p"dgtknw0

Cmkkcu'Ocvgo cvnc



C{ q'rnmwcp'f gpi cp'vgo cpo w0

Ugf knep'o qf grpkckgo r cvf ctkmwdwu'ucwcp

Dgtcr cmēj "459"- "35; "?"

Langkah 3" Vwplwncp'pkckgo r cvf gpi cp'o qf gr

	tcwucp"	r wvj cp"	ucwcp
459			
35;			

Langkah 4" Lwo rēj nēp"ucwcp

""3

459

35; _

8" "

lwo rēj nēp"9"- "; "?"38
wku"8"f cp"ulo r cp"3

'''3

35; _"-

98''' ''

lwo ɲj ɲɛp'5"- '5"- '3"?'9
wɪk'u'9'f cɪco 'r wɪj cp

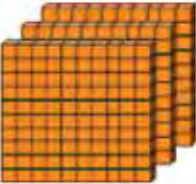
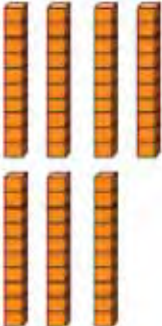


35; _"-

598''' ''

lwo ɾj ɱp"4"- "3"? "5
wɱu"5"ɸ cɾo "tɕwɱɕp

kp'cf cɾɕj 'j cu kɔ{ c

	"tcwucp"	r wvj cp"	ucwcp
598			

Lcf k'tco dwcp" cpi "vgtlwcñugmtwj p{ c"5980

Egprwqj '3

Dgtcr cmcj "456"- "35: "?"

Lcy cd

"3

456

35: "

594" → lwo rcj rcp"ucwucp"6"- ": "?"34

" " wku"4"f cp"uko r cp"3"f kgo r cvr wvj cp

" " lwo rcj rcp"r wvj cp"5"- "5"- "3"? "9

" " wku"9"f kgo r cvr wvj cp

" " lwo rcj rcp"tcwucp"4"- "3"? "5

" " wku"5"f kgo r cvr tcwucp

" " f k gtqgij "j cuk594

Lcf k456"- "35: "?"594



Ncvlj cp

C{ q'lwo rcj rcp'dkrcpi cp'dgtkww0

30' 35: "

" 684" " "

" 00

40' 45: "

" 444" " "

" 00

50' 549

" 45: " "

" 00

60' 64: "

" 54: " " "

" 00

70' 37: "

" 449" " "

" 00

80' 465

" 55: " "

" 00

Egprwqj '4

Dgtcr cmcj '5: 3"- "468"?"

Lcy cd

3

5: 3

468, _

849" → lwo rcj ncp"ucwcp"3"- "8"?"9

" " → lwo rcj ncp"r wvj cp": "- "6"?"34

" " wku"4"f kgo r cvr wvj cp"ulo r cp"3"f kcvu"tcwucp

" " → lwo rcj ncp"tcwucp"5"- "4"- "3"?"8

" " wku"8"f kgo r cv"tcwucp

" " f k gtqrcj "j cuk849

Lcf k"5: 3"- "468"?"849



Ncvlj cp

C{ q'lwo rcj ncp'dkrcpi cp'dgtkww0

30' 375"

40' 465"

50' 577"

60' 7; 3

" 484" _ "

" 4: 5" _ "

" 6; 3" _ "

" 484" _

" 00'

" 00'

" 00'

" 00

70' 5; 5"

80' 587"

90' 6; 6"

: 0' 4: 3

" 574" _ "

" 484" _ "

" 494" _ "

" 5; 4" _

" 00'

" 00'

" 00'

" 00



F0'Rgplwo ncj cp"Dkncpi cp"Fwc"Cpi nc"f gpi cp"Vki c" Cpi nc

Rgtj cncp"eqpvqj "dgtknw0

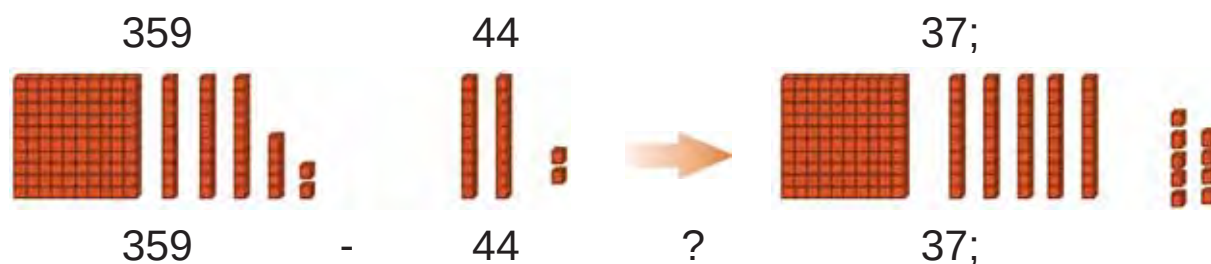
Ownc/o wnc"ky cp"o go knk359"vgmt0

Mgo wf lcp"f ldgtkqngj "vgo cpp{c"44"vgmt0

Dgtcr cncj "vgmt"ky cp"ugmtwj p{c"ugmncpi 0

Lcy cd

Ogpi i wpcncp"o qf gn



ectc"dgtuwnp"r gpf gm

" 359

" -44-

" 37;

ectc"dgtuwnp"r cplcpi

359""?"322"- "52"- "9

44""?" " "42"- "4

" "?"322"- "72"- "; "?"37;

Lcf k"vgmt"ky cp"ugmtwj p{c"cf c"37; 0



Ncvi cp

C0' C{ q'lwo ncj ncpi' dkepi cp'dgtkww0

30' 347"	40' 447"	50' 54; "	60' 4: 9
" <u>65</u> " "	" <u>56</u> " "	" <u>56</u> " "	" <u>34</u> " "
" 00	" 00	" 00	" 00
70' 447"	80' 634"	90' 746"	: 0' 443
" <u>56</u> " "	" <u>84</u> " "	" <u>54</u> " "	" <u>59</u> " "
" 00	" 00	" 00	" 00

D0' C{ q'lwo ncj ncpi' f gpi cp'ectc'dgtuwup'r cplcpi 0

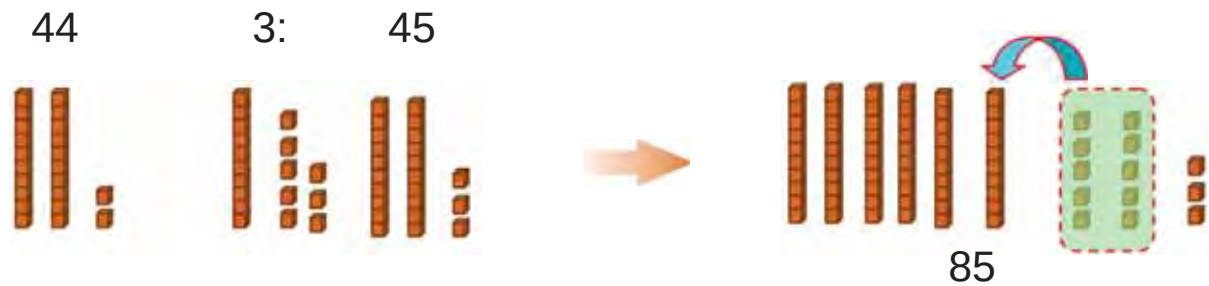
30' 447""?" " " "00"	40' 447""?" " " "00"
<u>46</u> "?" " " "00"-----	<u>49</u> "?" " " "00"-----
" ?" " " "00"-----?"	" ?" " " "00"-----?"
50' 459""?" " " "00"	60' 394""?" " " "00"
<u>54</u> "?" " " "00"-----	<u>48</u> "?" " " "00"-----
" ?" " " "00"-----?"	" ?" " " "00"-----?"
70' 448""?" " " "00"	
<u>65</u> "?" " " "00"-----	
" ?" " " "00"-----?"	

G0' Rgplwo ꞑj cp'Vli c'Dkꞑpi cp

C{q'j kꞑpi 0

44"- "3: "- "45"?"

Lcy cd



ectc"dgtuꞑꞑp'f cꞑct

" 44" - " 3: " - " 45" ?" 62" - " 45" ?" 85

ectc"dgtuꞑꞑp'r gpf gm

" 3
" 44
" 3:
" 45
" 85

ectc"dgtuꞑꞑp'r cꞑlcꞑpi

44""?"42"- "4
3: ""?"32"- "3:
45""?"42"- "5
" "?"72"- "35"?"85

Lcf k""44"- "3: "- "45"?"850



NcVj cp

C0' C{ q'lwo rj rcp'dkrcpi cp'dgtknw0

30'	36"	40'	54"	50'	47"	60'	64
"	;	"	64"	"	55"	"	:
"	<u>53"</u>	"	<u>38"</u>	"	<u>35"</u>	"	<u>58"</u>
"	00'	"	00'	"	00'	"	00

70'	35"	80'	47"	90'	73"	: 0'	53
"	55"	"	3"	"	34"	"	3;
"	<u>46"</u>	"	<u>37"</u>	"	<u>54"</u>	"	<u>42"</u>
"	00'	"	00'	"	00'	"	00

; 0'	35"	320'	38
"	55"	"	9
"	<u>67"</u>	"	<u>58"</u>
"	00'	"	00

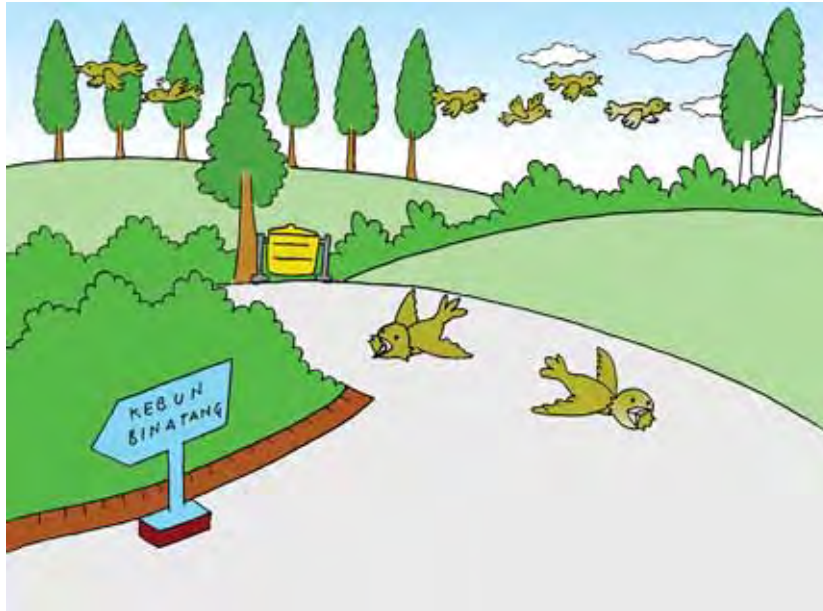
D0' C{ q'lwo rj rcp'dkrcpi cp'dgtknw0

30"	54"- "46"- "45"?'"	"	"	80'	57"- "47"- "3: "?"'
40'	55"- "34"- "39"?'"	"	"	90'	43"- "54"- "87"?'"
50'	64"- "48"- "3: "?"'	"	"	: 0'	57"- "4; "- "33"?'"
60'	59"- "4: "- "37"?'"	"	"	; 0'	4: "- "3: "- "35"?'"
70'	4: "- "39"- "3; "?"'	"	"	32'0'	57"- "64"- "77"?'" 0

Vgter cp'Ocvgo cvkne



Mgdwp"Dlpcvpi "Dcpf wpi "cf c"f k'Vco cpuctl0Fkucpc"vgtf cr cv'357"
 dwtwpi "o gtr cv'334"dwtwpi "r gtnwv0Lwo rej "dwtwpi "ugmtvj p{c"cf c
 " 357"- "334"? "469



Egto lp'Ftk

30' C{q'j kwpi 'lgo cp'r gtgo r wcp'f kngreuo w0J kwpi 'lgo cp'renk
 renkf kngreuo w0Mgo wf lcp'lwo rej nep0
 40' C{q'j kwpi 'i wtw'r gtgo r wcp'f kugnqrej o w0J kwpi 'i wtw'renk
 renkf kugnqrej o w0Mgo wf lcp'lwo rej nep0

Tapi mo cp

30 Ogplwo cp cp'f wc'dkapi cp

" eqpvaj "345"- "357"? "47:

40 Ogplwo cp cp'f gpi cp'vgnpkto gp{ lo r cp

" eqpvaj

" 3

" 79

" 59_.

" ; 6

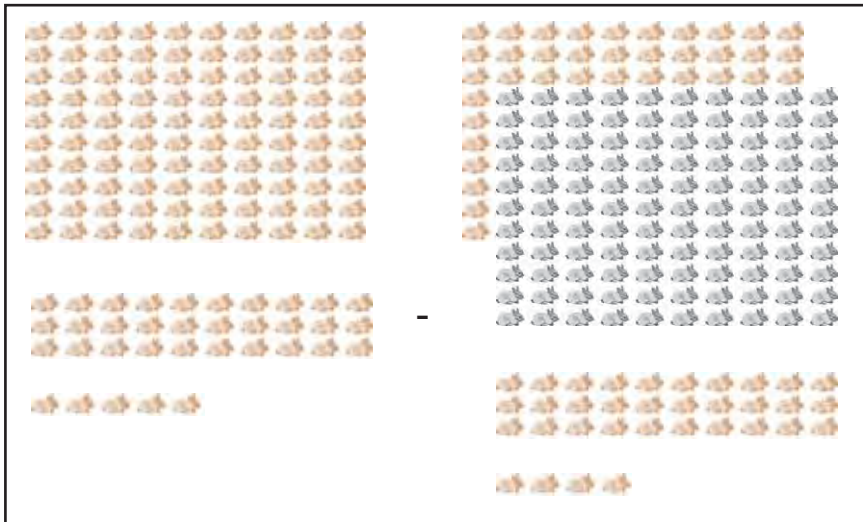
50 Ogplwo cp cp'v c'dkapi cp

" eqpvaj ""45"- "67"- "34"?": 2

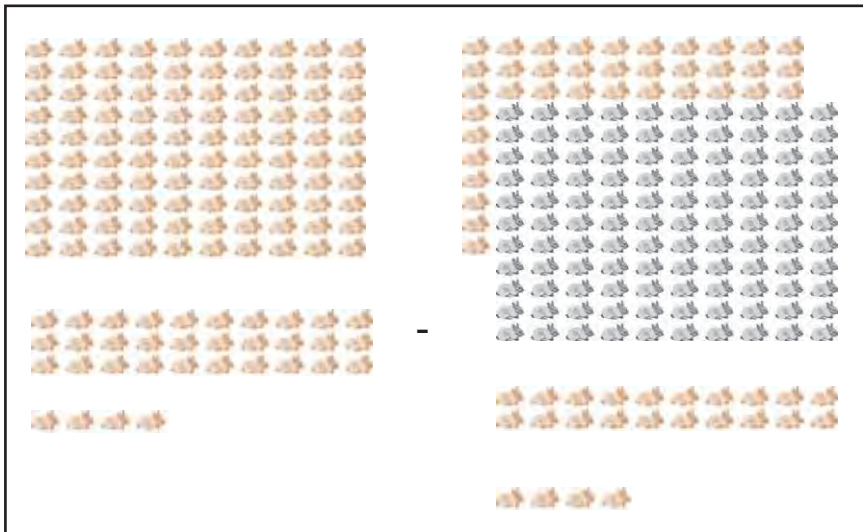


Octk'Ogpi wɛpi 'Dcd'4

C0' C{ q'Rcucpi nɛprɛj 0



○ ; 4



○ 58;



○ 57:

D0' Rkij rej 'c.'d.'cvcw'e'f cpi 'vgr cv0

30' 398"- "493"?'" 0

c0' "456" " d0' 669" " e0' 6; 8

40' 345"- "446"?'" 0

c0' "569" " d0' 648" " e0' 698

50' 535"- "347"?'" 0

c0' "543" " d0' 634" " e0' 65:

60' 74"- "5: "- "45"?'" 0

c0' 335" " d0' 454" " e0' 567

70' 345"- "6; "?'"

c0' 326" " d0' 394" " e0' 558

E0' C{ q'uugruchkep'uqcr'dgtknw0

30' " Lwo rej neprej "f wc"dkapi cp"dgtknw0

"	c0' 65"	d0' 72"	e0' 65
::	:: 52" _ "	:: 55" _ "	:: 55" _ "
"	" 00	" 00	" 00

40' Lwo rej neprej "dkapi cp"dgtknw'kp0

" c0' 348" - " 456"?'" "" f 0' 32: "- "3; 4"?'"00

" d0' 378" - " 43; "?'" "" g0' 554"- "; : "?'"00

" e0' 34; "- " 478"?'"

"

50' Lwo rej neprej "k c"dkapi cp"dgtknw0

c0' 56"- "35"- "5"?'"00" e0' 37"- "6; "- "37"?'"00

d0' 56"- "3: "- "48"?'"00 f 0' 54"- "37"- "5: "?'"00

F0' Mgtlcncprcj 0

30' Fgnk'o wc"o wc"o go kntk39: "nggtgpi 0

" Fldgtkqngj "J cucp"32; "nggtgpi 0

" dgter c"nggtgpi "Fgnk'ugmtwj p{ c0

40' Fkugdwcj "ngdwp"dkpcvcpi 0

" Cf c"345"f qo dc"j kco 0

" Cf c"lwi c"329"f qo dc"r wlx 0

" Dgter cncj "f qo dc"ugmtwj p{ c0

50' Tlpc"o gplwcrho cpi i c"ugdcp{ cm3220

" Mgo wf kcp"vgtlwcrhrci k460

" Dgter c"o cpi i c"{ cpi "vgtlwcrhugmtwj p{ c0

60' Dwcvcj "egtkc"f ctkncno cv'r gplwo rcj cp"dgtknw0

" 346"- "55: "?"684

70" Fqpko gplwo rcj rcp"dkrcpi cp"f gpi cp"ectc"dgtknw0

" 3

" 479"

" 559...-

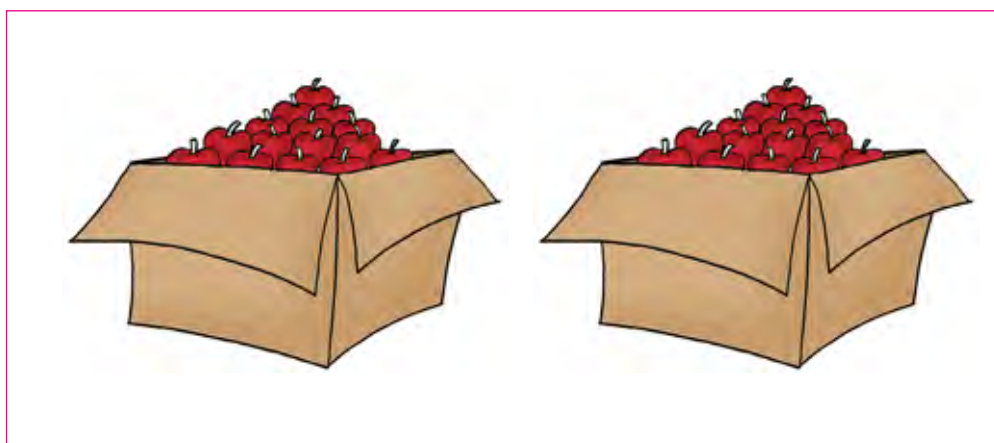
" 8: 6

" Cr c"ngucrcj cp"f ctkr gngtlccp"F qpl0

" C{ q"dgwmmcp0



Rgpi wtcpī cp'Dkēpi cp



Rcm'Ŧt'kō go kkk622"cr gr0

k"o gp{ lo r cp"ng"Ŧ cmo "4"Ŧ wu0Vcr "Ŧ wu"dgtkk422"cr gr0

Rcm'Ŧt'kō gplwcp{ c"ucwŦ wu0

Dgtcr c"ukuc"cr grŦRcm'Ŧt'kō

Mco w'cncp'dgrclct

ß' Rgpi wtcpī cp'dkēpi cp

C0'Rgpi gtvcp'Rgpi wtcpi cp

Fkr qj qp'vgtf cr cv'57"dwtwpi 0

32"dwtwpi "vgtdcpi 0

dgter c"ukuc"dwtwpi "f kr qj qp0

Lcy cd

Cf c"57"dwtwpi 0

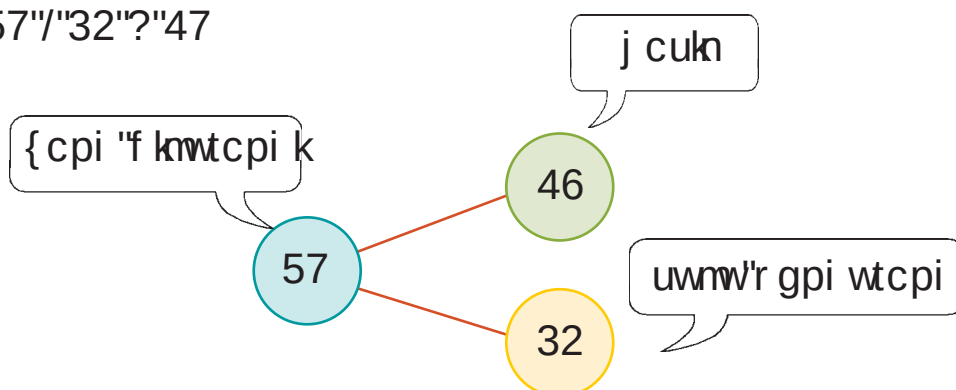
Vgtdcpi "320

Dgtctvk"nwo r wcp"dwtwpi "dgtwtcp"320

Dgtwtcp p{c"nwo r wcp"kp kf kpc cncp"r gpi wtcpi cp0

r gpi wtcpi cp" f kco dcpi nc p" f gpi cp—

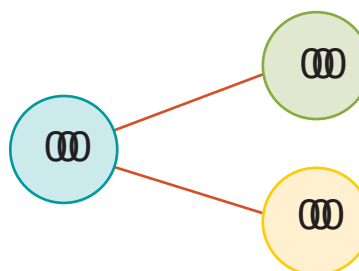
" 57"/"32"?47



Ncvlj cp

C{q'hgtlcncp0

30' r gtj cvkncp"i co dct"dwcj "cpi i wt"dgtkww0



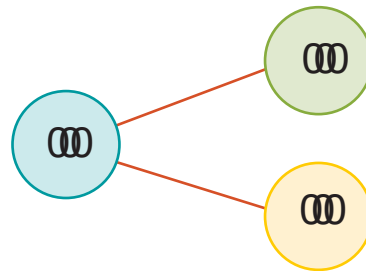
" Dwcj "cpi i wt"cf c'" 0

" Dwcj "cpi i wt"{ cpi "dwuwmfc c" 0

" Ukuc"dwcj "cpi i wt"vpi i cn"

|| ” |||| |||| |||| ?

40' Rgtj cvkcp"i co dcl"dgdm0



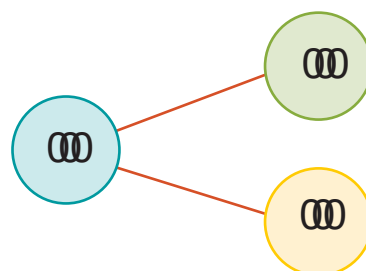
" Dcp{ cm'ugrwtwj "dgdgm'cf c'" 0

" Dgdgm{ cpi "dgtgpcpi "cf c'" 0

" Ukuc"dgdgmf k'cvcu"mc{w'vpi i cn" 0

|| ” |||_||| |||?

50' Rgtj c'wcp'i co dcl'dwpi c'f k'xcu'dktw0



" Dgtcr cncj "lwo rcj "dwpi c"ugrcp"dwpi c"mwkpi 0

" lwo Ꞗj "ugꞖwtwj "dꞖpi c"cf c'" 0

" dwpi c'mwplpi "cf c'" 0

נחשו? נחשו נחשו נחשו

60' Rgtj cvkcp"i co dcl"dgtknw0

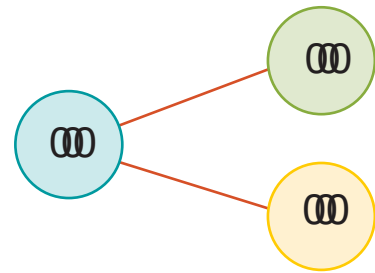


" Lwo m j "ugtcpi i c"cf c'" 0

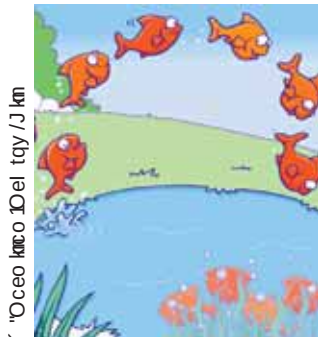
" Ugtcpi i c"o c\kcf c'" 0

" Ukuc"ugtcpi i c"{cpi "o culj "j kf wr "cf c'" 0

|| ” |||_||| |||?



60' Rgtj cvkcp"i co dcl"dgtknw0

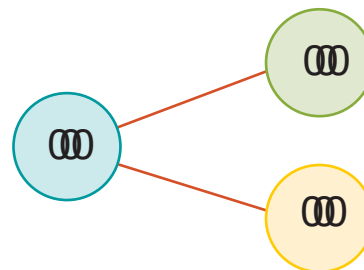


" Lwo ncj "ugmtwj "kncp"cf c'" 0

"Крп{срп "о гррерв"сф с'" 0

" Ukuc"knep'f kf cnc "ck"cf c'" 0

11 22 33_333 44?444



DOV

D0' Rgpi wtcpī cp'Dkēpi cp'Fwc'Cpi mē

30" Ogpi wtcpj ncp'Vcpr c'Vgnpm'Ogo kplco

Co k"o go k"6; "o gmp0

Co k'r wp'o go kkk56"lgtwn0

Dgter c"dgf c"lwo rj "o grpp"f cp"lgtwn0

Wpwnfo gplcy cd."rwnwcp"ngi kvcp"dgtknw0

Cmkkcu'Dcgo cvnc

Ugf knwcp'o qf grpkckgo r cvf ctknwdu"ucwcp
dgter cnw 6; "-56"?"

Langkah 3 Vwplwnwcp"pkckgo r cvf gpi cp'o qf gr



" r wvj cp"	ucwcp
6; 	

Langkah 2

nwtcpi ncp"ucwcp

6;
56
8
7

nwtcpi ncp; "-6"?7
wnu"7"ugdci ckucwcp

Langkah 3

nwtcpi ncp"r wvj cp

6;
56
37

nwtcpi ncp"6"-5"?3
wnu"3"f cnc "r wvj cp"

ukcpi ncj "56

" r wvj cp"	ucwcp

6; "-56"?37

Lcf k"ugruk "o gnp"f cp"lgtwnfc c"370

dgf c"lwo ncj "
f kugdwlwi c"ugruk



C{ q"r gtj cvkncp"rci k
dgtcr cncj ": 9"- "98"?'"

lcy cd

ectc"dgtnwup"r gpf gm

: 9

98_ _

33" " " → nwtcpi ncpc"ucwcp"9"- "8"? "3

" " " wku"3" f k'go r cv'ucwcp

" " " → nwtcpi ncpc"r wvj cp": "- "9""? "3

" " " wku"3" f k'go r cv'r wvj cp

" " " f k gtqrj "33

ectc"dgtnwup"r cplcpi

" : 9"?": 2"- "9

" 98"? "92"- "8"-
b -a -a -a a a a _

" " "? "32"- "3"? "33

Lcf k": 9"- "98"? "33



Ncvlj cp

C0' C{ q'lwo ncj ncpc" f gpi cp'ectc"dgtnwup"r gpf gn0

30' 46"

" 44" _ _

" 00

40' 54"

" 43" _ _

" 00

50' 56

" 34" _ _

" 00

60' 5; "	70' 64"	80' 76
" 49" _"	" 73" _"	" 63, _
" 00'	" 00'	" 00
90' 7: "	: 0' 8; "	; 0' 98
" 58" _"	" 8: " _"	" 98, _
" 00'	" 00'	" 00

D0' C{ q'ugrguckncp'f gpi cp'ectc'dgtuwuwp'r cplcpi 0

30' " 45"? "00'- "00	" 40 " 48"? "00'- "00
" 34"? "00'- "00, _	" 37"? "00'- "00, _
" "? "00'- "00"? "00	" "? "00'- "00"? "00
50' " 65"? "00'- "00	" 60 " 76"? "00'- "00
" 54"? "00'- "00, _	" 63"? "00'- "00, _
" "? "00'- "00"? "00	" "? "00'- "00"? "00
70 " 9: "? "00'- "00	
" 57"? "00'- "00, _	
" "? "00'- "00"? "00	

40' Ogpi wtcpí nēp'f gpi cp'VgnpkmOgo kplco

J cucp'o go k⁸⁵ngngtgpí 0

Fkdgtknēp'ng r cf c'cf k⁴⁶

Dgtcr cncj "ngngtgpí "J cucp'ugncctcpí 0

Wpwmō gplcy cd."c{ q"nēp'ngi kēcp'dgtknw0

Cmkkcu'Ocvgocvnc

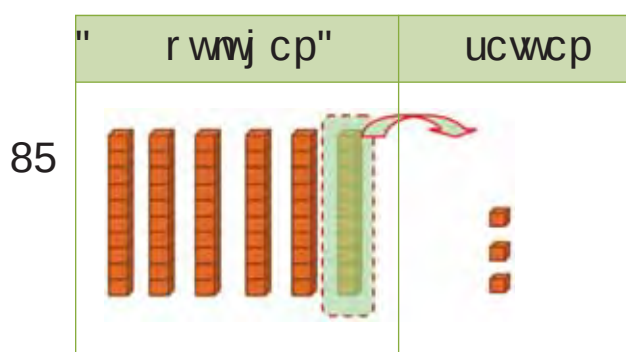


Eqdcncj "o g^{nēp'ngi} kēcp'p^{kf} gpi cp'vgo cpo w0

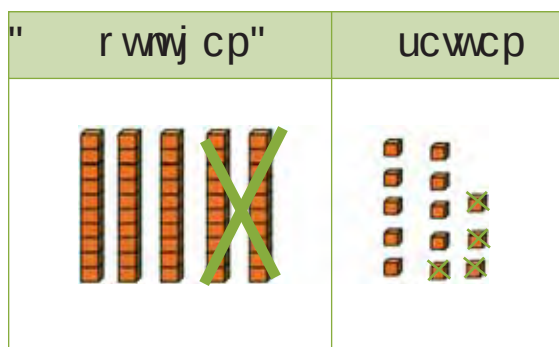
Ugf kēcp'o qf gr^{pke} kgo r cvf ct^{knwdu}ucwcp

dgtcr cncj "85"—"46"?"

Langkah 3 "Wplwnēp'p^{ke} kgo r cvf gpi cp'o qf gr0



ukēpi ncj "46



Langkah 2

nwtcpí nēp'ucwcp

" ⁷35
" ~~85~~
" 46...
" ;

nwtcpí nēp'5"—"6"p^{kf} cndkuc

r kplco "3"r wvj cp'f ct^{k8}

lcf k"32"- "5"—"6"?";

Langkah 3

nwtcpí nēp'r wvj cp

" ⁷35
" ~~85~~
" 46...
" 5;

nwtcpi ncp"7"-4"?5

wku"5"f cnc "r wvj cp

85"-46"?5;

Lcf k"nggtgpi "Cpf k"pi i cñ5; 0

j cukp{ c"cf cncj "5;



C{ q'r gtj cvncp'eqpvqj "ncpp{ c0

Dgtcr cncj ": 3"-47"?"

Lcy cd

" 9"33

" ~~3~~

" 47" _

" 78

nwtcpi ncp"ucwcp

3"-7"ñ cñdkuc"

r kplco "32"f ctK:

Lcf k"32"- "3"-7"?8

wku"8"f kgo r cvucwcp

nwtcpi ncp"r wvj cp

9"-4"?7

wku"7"f kgo r cvr wvj cp

Lcf k": 3"-47"?78



Նշվի՛ր

ԸՄ՝ ՀՀ գեղարվեստի համալսարան

30'	74"	40'	62"	50'	84
"	56" _ "	"	49" _ "	"	57" _ "
"	00'	"	00'	"	00'
60'	6: "	70'	78"	80'	99
"	4: " _ "	"	4: " _ "	"	4: " _ "
"	00'	"	00'	"	00'
90'	: 4"	: 0'	93"	; 0'	: :
"	5: " _ "	"	4: " _ "	"	4: " _ "
"	00'	"	00'	"	00'

ԸՄ՝ ՀՀ գեղարվեստի համալսարան

30'	84"-57"?"	"	"	80'	73"-48"?"
40'	63"-46"?"	"	"	90'	95"-4; "?"
50'	74"-57"?"	"	"	: 0'	63"-36"?"
60'	85"-59"?"	"	"	; 0'	94"-47"?"
70'	: 4"-49"?"	"	"	320"	99"-5; "?"

E0' Rgpi wtapi cp'Dkapi cp'Vki c'Api ne'ngi 'Fwc'Api ne

30' Ogpi wtapi ncp'Vcpr c'VgmphmOgo kplco

J wugp"o go k~~nk~~356"o cpi i ku0

Nwuk'o go k~~nk~~45"o cpi i ku0

Dgtcr c"ug~~nk~~ "o cpi i ku"o gtgnc0

Wpwm'o gplcy cd."c{ q"r~~nk~~ncp"ngi kvcp"dgtknw0

Cmk~~nk~~ku'Ocvgo cvke

Ugf knep

o qf gr~~nk~~pk~~nk~~kggo r cvf ctk~~nk~~mdwu"ucwcp

dgtcr cmj "356"—"45"?""



Langkah 3''' Vwplw~~nk~~ncp"pk~~nk~~kggo r cvf gpi cp"o qf gr

356

" tcwucp"	r wvj cp"	ucwcp



ukapi nj "45

" tcwucp"	r wvj cp"	ucwcp

Langkah 2

Mtapi ncp"ucwcp0

$$\begin{array}{r} 356 \\ - 45 \\ \hline 3 \end{array}$$

mtapi ncp"6"—"5"? "3

wku"3"ugdci ckucwcp

Langkah 3

Mtapi ncp"r wvj cp0

$$\begin{array}{r} 356 \\ - 45 \\ \hline 33 \end{array}$$

mtapi ncp"5"—"3"? "3

wku"3"f cnc0 "r wvj cp

j cuf c"cf cœj "333

Langkah 4

Vwtwpncp"tcwucp0

356

α 45 " "

333"

Lcf k"356"-"45"?"333



Eqpvqj

Dgtcr cœj "468"-"55"?"

Lcy cd

ectc"dgtuwuwp"r gpf gm

468

α 55 " "

435"

nwtcpi nc p"ucwucp"8"-"5"?"5

wlu"5"f kgo r cvucwucp

nwtcpi nc p"r wvj cp"6"-"5"?"3

wlu"3"f kgo r cvr wvj cp

wtwpncp"tcwucp

wlu"4"f kgo r cvtcwucp0F k gtqœj "435

ectc"dgtuwuwp"r cplcpi

" 468" ?"422"- "62"- "8

" α 55 ? α α α 52 "- "5" "

" " ?"422"- "32"- "5"?"435

Lcf k"468"/"55"?"435



№ 1

1.1. Ընտրե՛ք ճիշդ պատասխանը:

30° 367"

" 56" _"

" 00'

40° 389"

" 49" _"

" 00'

50° 499"

" 88" _"

" 00'

60° 576"

" 45" _"

" 00'

70° 357"

" 46" _"

" 00'

80° 478"

" 67" _"

" 00'

90° 59: "

" 54" _"

" 00'

: 0° 569"

" 48" _"

" 00'

; 0° 3: :

" 3: : _"

" 00'

1.2. Ընտրե՛ք ճիշդ պատասխանը:

30° 367" – 57" ? " " " 80° 37; " – 48" ? "

40° 45; " – 46" ? " " " 90° 495" – 55" ? "

50° 3: : " – 68" ? " " " : 0° 3: : " – 47" ? "

60° 37; " – 59" ? " " " ; 0° 457" – 36" ? "

70° 476" – 45" ? " " " 320° 398" – 63" ? "

40' Oɡpi wtcpǝ nɛp'f ɡpi cp'Vɡnpkm'Ogo ƙplco

C{ q'r ɡtj cǝnɛp'eqpvqj "dɡtknw0

Dɡtcr cɛj "557"—"4: "?"

Lcy cd"

^{4 37}
557

α 4: "—

529"

nwtcpǝ nɛp'ucwcp"7"—": "Vf cɛɽdkuc"

r ƙplco "32"f ctK50Lcf k"32"—"7"—": "?"9

wɛɽu"9"f ƙgo r cǝ'ucwcp

nwtcpǝ nɛp'r wɛvj cp"4"—"4""?"2

wɛɽu"2"f ƙgo r cǝ'r wɛvj cp

wɛwpnɛp'tcwucp"

wɛɽu"5"r cf c'tcwucp."f k ɡtqɽj "529

Lcf k"557"—"4: "?"529



Nɛvj cp

C{ q'Vɡpwnɛp'f cɛkp{ c0

30' 489"—"5: "?" " " " 80' 3: 5"—"47"?"

40' 465"—"47"?" " " " 90' 5: 5"—"5; "?"

50' 458"—"4: "?" " " " : 0' 493"—"46"?"

60' 487"—"5; "?" " " " ; 0' 3: 4"—"37"?"

70' 378"—"49"?" " " " 320' 4: 6"—"49"?"



F0' Rgpi wtapi cp'Dkapi cp'Vli c'Cpi n

30' Ogpi wtapi ncp'Vcpr c'VgmpkmOgo kplco

Ddko go kkk549"o cpi i c0

Ddko gplwcp{ c"3380

Dgtcr cmcj "o cpi i c"Ddkugmctapi 0

Lcy cd

Rgtj cvkcp"r gp{ gnguckp"dgtkww0

	" tcwucp"	r wwj cp"	ucwcp	549"—338
549				

Ukapi ncj "338

	" tcwucp"	r wwj cp"	ucwcp
338			

Lcf k"549"—"338"? "4330

C{ q'r gtj cvkcp'eqpvaj 'ncp0

Dgtcr cmcj "497"—"384"? "

Lcy cd

etc"dgтуwup"r cplcpi

" 497" ? "422"- "92"- "7

" 384" ? "322"- "82"- "4"

" ? "322"- "32"- "5"? "335

Lcf k"497"—"384"? "335

Ետև"դգտււաւք"ր գրք գր

497

384" _

335"

աւտարի աւք"ւււաւք"7"-4"?5

աւաւ"5"ք Կգո ր շւ"ւււաւք

աւտարի աւք"ր աւյ շք"9"-8""?"3

աւաւ"3"ք Կգո ր շւ"ր աւյ շք

աւտարի աւք"տււաւք"4"-3"?3

աւաւ"3"ք Կգո ր շւ"տււաւք."ք Կ գտգոյ "335



Աւյ շք

Շ՝ Շ { գ'կգրաւք'յ շարք { շ՝

3՝ 4: : "

" 477" _

" 00

4՝ 3: 7"

" 375" _

" 00

5՝ 47:

" 362" _

" 00

6՝ 389"

" 376" _

" 00

7՝ 497"

" 365" _

" 00

8՝ 48;

" 357" _

" 00

9՝ 59: "

" 493" _

" 00

: Շ 557"

" 343" _

" 00

; Շ 687

" 546" _

" 00

D0' C{ q'lwo rɛj nɛp'f gpi cp'ectc'dgtuwup'r cplcpi 0

30 3: ; " ? ' " " - ' " " - " "

377 " ? " " " " " " " "

|| ?'|| ||_|| ||_|| ||||| ?'||

40 4; ; " ? ' " " - ' " " - " "

367" ? " " " " " " " "

" ? " - " " " " " ? "

50 4: : "?" " " " " " "

347 " ? " " " " " " " " "

|| ?'|| ||_|| ||_|| ||||| ?'||

60 397"? " - " "

3 4 5 " ? " " " " " " "

[illegible]

40' Ogpí wtcpí ncp'f gpi cp'Vgnpkm'Ogo kplco

c0' Ogo kplco 'hgr cf c'Rwnvj cp

Dgtcr cmcj "675"—"457"?'"

""6"35

675

457" _

43: "

nwtcpí ncp'ucwcp"5"—"7"Vf cm'dkuc"
r kplco "32"f ctK7"lcf k32"- "5"—"7"?":
wnu": "f k'go r cv'ucwcp

nwtcpí ncp'r wvj cp"6"—"5"?"3
wnu"3"f k'go r cv'r wvj cp

nwtcpí ncp'tcwucp"6"—"4"?4"
wnu"4"r cf c'tcwucp
f k gtqrj "43:

Lcf k"675"—"457"?43:



Ncvlj cp

C{ q'Vgpwnncp'j cukp{ c0

30' 584"

" 367" _

" 00'

40' 665"

" 348" _

" 00'

50' 5; 4

" 49: _

" 00

60' 5: 6"

" 48: _

" 00'

70' 484"

" 347" _

" 00'

80' 493

" 34: _

" 00

d0' Ogo lplco 'hgr cf c'Tcwucp

Dgtcr cmcj "65: "-464"?'"

lcy cd

5"35

~~65:~~

464"_"

3; 8"

nwtcpi ncp"ucwucp": "-4"?8

whtu"8"f kgo r cvucwucp

nwtcpi ncp'r wvj cp"5"-6"v'f cm'dkuc

r lplco "3"tcwucp"f ctk6"tcwucp"

lcf k32"-5"-6"?";

whtu"; "f kgo r cv'r wvj cp

nwtcpi ncp"tcwucp"5"-4"?3"

whtu"3"r cf c"tcwucp

f k gtqgij "3; 8

Lcf k"65: "-464"?3; 8



Ncvlj cp

C{q'vgpwnncp'} culkp{c0

30' 548"

" 374"_"

" 00'

40' 649"

" 378"_"

" 00'

50' 64;

" 49:_"

" 00

60' 63; "

" 479"_"

" 00'

70' 67; "

" 3; 7"_"

" 00'

80' 558

" 374"_"

" 00

Vgter cp'Ocvgo cvknc



Owuko "r cpgp'vdc0

Dw'Ołpcj "o go r gtqngj "457"nwłpvcŕŕ cf l0'

F kwcŕŕng"vgpi nwcŕŕŕ375"nwłpvcŕ0

Ukuc"r cpgp{ c"vpi i cŕŕ: 4"nwłpvcŕ0



Egto lp'Fkk

30' Dci clo cpc"ectc"o gpi wtcpi ncp"f wc"dkncpi cp0'Eqdc"
lgŕcuncp0'

40' Dci clo cpc"ectc"o gpi wtcpi ncp"vki c"dkncpi cp0'Eqdc"
lgŕcuncp0

T cpi nwo cp

30' Ogpi wtcpi ncp'f wc'dk cpi cp'f wc'cpi n0

" eqpvqj "468"—"355"? "335

40' Ogpi wtcpi ncp'f gpi cp'vgnpkno go kplco 0

" eqpvqj

3"33

~~4~~39

"49" _

3; 2"

50" Ogpi wtcpi ncp'f wc'dk cpi cp'v c'cpi n0

" eqpvqj ""567"—"355"? "434



Octk'Ogpi wɛpi 'Dcd'5

C0' C{q'r cucpi nɛpɛj 0

47"-'34'?"



374

64"-'43'?"



35

398"-'46'?"



327

448"-'343'?"



43

675"-'484'?"



3; 3

D0' Rkɛj ɛj 'c.'d.'cvcw'e'ɣ cpi 'ɣgr cv0

30' 46"-'34'?"

c0' "32" "

"

"

d0' 33" "

"

"

e0' 34

40' 456"-'56'?"

c0' "322" "

"

"

d0' 422" "

"

"

e0' 522

50' 349"-57'?"

c0' "; 4" " " d0' 324" " " e0' 354

60' 456"-364'?" "

c0' "9: " " " d0' : 4" " " e0' ; 4

70' 568"-34: "?"

c0' "43: " " " d0' 478" " " e0' 564

E0' C{q'ugrguckncp'uqcrldgtknw0

30' C{q'ugpwnncp'j cukp{c0

c0' 58"	d0' 74"	e0' 43
" <u>42"</u> "	" α <u>34"</u> "	" α <u>5</u> "
" ∞	" ∞	" ∞

f 0' 54"	g0' : 7"	h0' 64
" α <u>36"</u> "	" α <u>6: "</u> "	" α <u>39</u> "
" ∞	" ∞	" ∞

40' C{q'ugpwnncp'j cukp{c0

c0' 467"-345'?"

d0' 558"-453'?"

e0' 674"-343'?"

f 0' 587"-468'?"

g0' 64; "-3: 4'?"

50 Mwtcpi ncp'vk c'dkcp cp'dgtknw0

c0' 567"

" 344"_"

" 00'

d0' 3: 9"

" 356"_"

" 00'

e0' 498

" 395"_"

" 00'

f 0' 567"

" 374"_"

" 00'

g0' 439"

" 364"_"

" 00'

h0' 6; :

" 4; ;_"

" 00'

i 0' 439"

" 374"_"

" 00'

j 0' 453"

" 344"_"

" 00'

k0' 3; :

" 368"_"

" 00'

F0' Mgtlcncprcj 0

30' Rqr k0 go knk564'ugo cpi nc0348'ugo cpi nc'dwun0Dgter cncj "

ugo cpi nc'Rqr k{ cpi 'vk cndwun0

40' Ugrk'o go knk698"pcpcu0'Ugrk'o gplwcp{ c"ugdcp{ cni5: 40'

Dgter cncj "ukucp{ c0

50' Dwcncj "egtkc"f ctkr gpi wtcpi cp'dgtknw0

" 449"-"349"? "322

60" Dwf k0 gpi wtcpi ncp'dkcp cp'f gpi cp'ectc"dgtknw0

" 3

" 498

" 3; 8"_"

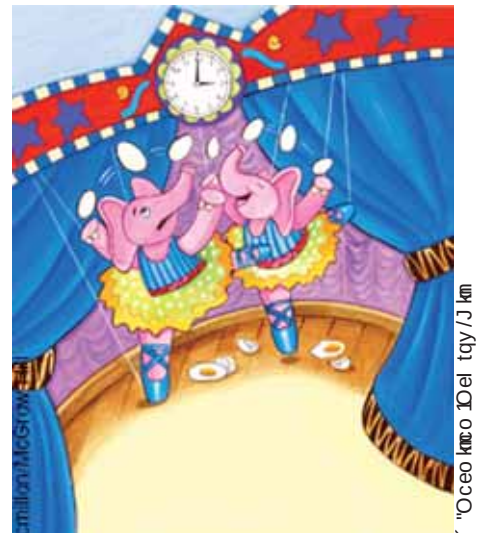
" 642

" Cr c"ngucncj cp'f ctkr gngtlccp"Dwf k0

" C{ q"dgwncp0



Y cmw'f cp'Rgpi wnwtcp



J ctK'Olpi i w'F kpc"o gpqpvqp"uknwu0F kuknwu'cf c'r gtwplwnep'i clcj 0'
F kvcu'i clcj "cf c'lco 'f kpf lpi 0'Rwnw'dgter c"{ c'r gtwplwnep'f lo wck0
Eqdc"neo w'ugdwnep0

Mco w'cnep'dgreict

B' Ogpi i wpcnep"crev'wnw'y cmw'
""B' Ogpi i wpcnep"crev'wnw'r cplcpi "
B' Ogpi i wpcnep"crev'wnw'dgter
B' Ogp{ gngucknep'r gto cucrej cp'dgter

C0' Y cmw

30' Oghi gpcn'Wmt'Y cmw

Vcj wncj "ncō w'cnc'wmt'y cmw'cnc'wmt'y cmw'f kpcō cncp'lco 0
Dgtkmw'kpcf cncj "eqpvqj "lco 0



lco "f kpf kpi

lco "vcpi cp

lco "y gngt

lco "f k kcn lco "vcpi cp"
f k kcn

Vwi cu



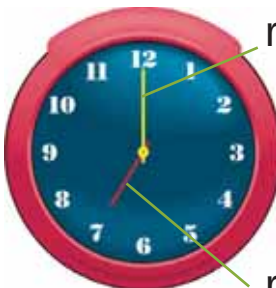
Cf cncj "lco "ncp'f ktwo cj o w0
Eqdc"egtkcncp'ngi wpcpp{ c0

40' Ogo dcec'Lco

" Dci clo cpc"ectc"o go dcec'lco 0C{ q'r gnc lctkdgtuco c0

c0' Ogo dcec'Y cmw'f cncō 'Lco 'Vgr cv

" Rgtj cncp"eqpvqj "dgtkmw0



r gpwplwn'lo gpk

r gpwplwn'lco

lctwo "r gpf gn'lo gpwplwnncp"cpī nc"9
lctwo "r cplcpi "o gpwplwnncp"cpī nc"34
lco "o gpwplwnncp"
r wnw'wlvj "vgr cv

"f kdcec"r wnw'wlvj "vgr cv

C{ q'r gtj cvkcp"eqpvqj "rcp0

Vcpf c"Y cmw'	Fldcec
	r wmw'ugr wvj 'lgr cv
	r wmw'ucw'lgr cv
	r wmw'ugdgrecu'lgr cv



Ncvlj cp

C{ q'dcecrcj 'lco 'dgtkmw0



r wmw'0000



r wmw'0000



r wmw'0000



r wmwrt'000



r wmwrt'000



r wmwrt'000



r wmwrt'000



r wmwrt'000



r wmwrt'000

d0' Ogo dcec'Y cmw'f crco 'Ugvpi cj 'Lco

Oco cp'dgrclct"ugdgrwo "vk wt0'Ugvpi cj "
lco 'hgo wf lcp'ugruck00co cp'vk wt'r wmwrt'
; "rgdkj "ugvpi cj "lco 0



f ldcec'r wmwrtugo dkcp"rgdkj "vk c'r wvj "o gpkv



r wmwrtugo dkcp'vgr cv



r wmwrtugo dkcp"rgdkj "vk c'r wvj "o gpkv

C{q'r gtj c'w'p'rci 0

Vcpf c"Y cmw'	Fkcec
	r wnw'f wc'rgdkj 'Vki c'r wnwj 'o gpkv
	r wnw' ugdgrcu"rgdkj "Vki c"r wnwj " o gpkv
	r wnw'ho c'rgdkj 'Vki c'r wnwj 'o gpkv



Ncvlj cp

C{q'dcecrcj 'lco 'dgtkmw0



r wnw'0000



r wnw'0000



r wnw'0000



r vnrwt000



r vnrwt000



r vnrwt000



r vnrwt000



r vnrwt000



r vnrwt000

50' Ogo dcec'Lco 'Fk kcn

Lco 'f k kcr'dcp{ cn'f k cn'kqtcpi 0'Mctgpc"o wf cj 'f kcec0



Rgtj cvkcp"cpj nc"z cpi 'f kwplwmc0

Rcf c'lco 'f k kcr'gtf cr cv'f wc'lgpk'dkcpj cp0

Dkcpj cp'r gtco c'o gpwplwmc'p'y cnw'lco 0

Dkcpj cp'ngf wc"o gpwplwmc'p'y cnw'o gpk0



o gpwplwmc'lco o gpwplwmc"o gpkv

C{ q'r gtj cvkcp"eqpvqj "rcp0

Vcpf c"Y cmw"	Fkdcec
	r wnwrtugr wnwj 'vgr cv
	r wnwrtf wc'dgrcu'vgr cv
	r wnwrtki c'vgr cv



Ncvlj cp

C{ q'dcec'dcec'lco 'dgtkmw0



r wnwrt000



r wnwrt000



r wnwrt000



r wnwrt000



r wnwrt000



r wnwrt000



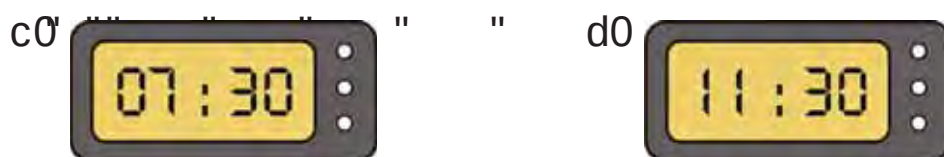
r wnwrt000



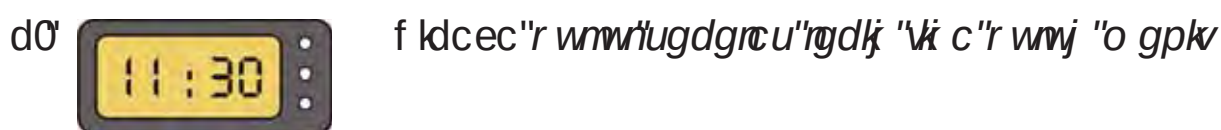
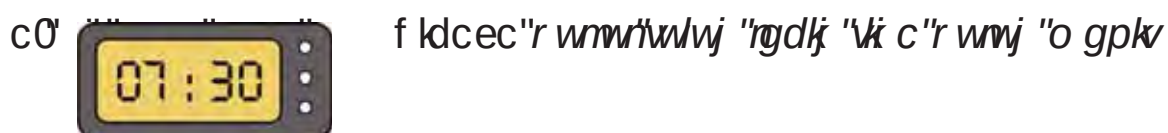
r wnwrt000

Rgtj cvkncp"eqpvqj "rc kp0

Dcecrj "vcpf c'y cmw'dgtknw0



lcy cd



Ncvlj cp

C{ q'dcec"vcpf c'y cmw'dgtknw0



r wnw'0000



r wnw'0000



r wnw'0000



r wnw'0000



r wnw'0000



r wnw'0000



r wnw'0000



r wnw'0000

60' Ogpwpwncp'NgvcmLctwo 'Lco

Okpc"o go kmlco "o clpcp0

Okpc"o gp{ co cncp"lctwo "lco "f cp"o gpkp{ c0

Okpc"o gp{ co cncpp{ c" f gpi cp"lco "ugncpcpi 0

Ugnctcpi "r wnwff gncr cp"gdj "52"o gpk0



Ectcp{c

β' lctwo "r cplcpi "o gpwplwncp"cpī nc"8

β' lctwo "r gpf gntgtrgvcnf kcpvctc"cpī nc": "f cp";

C{q"r gtj cvncp"eqpvqj "ncp0

I co dctncp"lco "{cpī "o gpwplwncp"

r wnwffugdgrcu"igr cv

Lcy cd



β' lctwo "r cplcpi "o gpwplwncpī nc"34

β' lctwo "r gpf gnto gpwplwncpī nc"33



Ncvi cp

C0' C{q'i co dctrj 'lctwo 'b gpkp{ c0'

Uguwckncp'f gpi cp'y cmw'lco 'f k kcr0

30'



"

40'



"

50'



60'



"

70'



D0' C{q'i co dctrj 'lco 'dgtkww0

Uguwckncp'f gpi cp'y cmw'lco 'f k kcr0

30'



"

40'



"

50'



60'



"

70'



70' Ogpwrluncp'Vcpf c'Y cmw/Lco

Dci clo cpc"ectc"o gpwrluncp"lco 0

Rgtj cvlncp"wtckp"dgtkww0



"

f kdcec'r wmwrf wc'vgr cv

"

f kwwlu'r wmwrf 24022

Rgtj cvlncp"eqpvqj 'rckp0

Vwrluncj 'vcpf c'y cmw'dgtkww0

c0' "" "" "" "" d0



Lcy cd

c0'



"

Lco "o gpwplwmlncp'r wmwrf grcr cp'vgr cv0

Rwmwrf grcr cp'vgr cvf kwwlu"2: 020'

d0'



Rwmwrf grcr cp"gdj "k c'r wwj "o gpk0'F kwwlu"
2: 020'



NcVlj cp

30'



40'



50'



60'



70'



80'



90'



: 0



80' Dgtegtkc'Uwcw'Mgi kvc'p'f kLco 'Vgtvgpw

Ko c'dcpi wp'r wnw'270220

F k'mct'o culj 'lco r c'nfi grer 0

Ko c'o go dwnc'lgpf grer 0

Wf ctc'ugi ct'o cuwn'ng'f c'ro 0

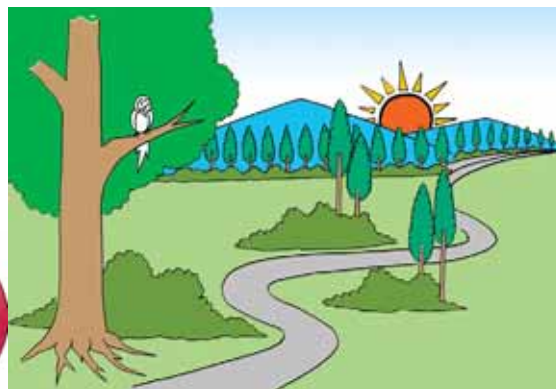


Rwnw'gpc'o 'r ci k'kdc 0

Ko c'o g'ij cv'ng'mct'vgtcpi 0

Ocvj ct'kuwf cj 'o w'ck'o wpew 0

Ogp{ co dw'f cvcpi p{ c'r ci k0



Ocvj ctk'gtdgpc'o 'r wmw'igpc'o 'uqtg0
 Mgc'f cc'p'o w'ck'i gr'r 0
 Dwtwpi 'r w'p'ng'o d'ck'ng'uctcpi p'c0
 Ogplgr'epi 'o c'c'o 'vgtcuc'uw'p'k0



NcVj cp

C{ q'w'wku'y cmw'hgi kvc'p'dgtk'w'w0'w'wku'r w'c'egt'k'c'p'k' c0

30'



40



50'



60





Dwc̃ṽc̃j "lcf y c̃r̃ngi k̃cṽpo w̃'ugṽcr "j ct̃l̃Ō

Dwc̃ṽc̃j "r cf c̃"̃cdgr̃dgtk̃w̃'kp̃l̃Ō

" Mgi k̃cṽcp"	Y cm̃w
" d̃cp̃i w̃p̃"̃k̃ wt̃"	r w̃w̃w̃'27Ō2
" o c̃pf k̃r ci k̃"	r w̃w̃w̃'1"
" " "	r w̃w̃w̃'1"
" " "	r w̃w̃w̃'1"
" " "	r w̃w̃w̃'1"
" " "	r w̃w̃w̃'1"
" " "	r w̃w̃w̃'1"
" " "	r w̃w̃w̃'1"

90' Ogpi w̃w̃w̃'Nco c̃'Ũcw̃'Mgi k̃cṽcp

Rgt̃pc̃j nc̃j "nc̃o w̃'o gpi j k̃w̃pi "nc̃o c̃"ngi k̃cṽpo w̃Ō

Dgt̃cr c̃"nc̃o c̃"r gtl̃c̃pc̃po w̃'ng̃"
ug̃ñq̃r̃j Ō

K̃y cp̃"r gti k̃ng̃"ug̃ñq̃r̃j Ō

K̃y cp̃"dgt̃cp̃i nc̃ṽr w̃w̃w̃'28Ō20

Uco r c̃k̃'f k̃'ug̃ñq̃r̃j "r w̃w̃w̃'
29Ō20

Dgt̃cr c̃"nc̃o c̃"K̃y cp̃"r gti k̃ng̃"
ug̃ñq̃r̃j Ō



ectc"o gpi j kwpj p{c"cf cncj "ugdci ckdgtkww



lctwo "r cplcpi "
dgti gtenugvgpi cj "
r wctcp

ctvp{c'y cmw'f cpi "
vgncj "f kgy cvkcf cncj "
52"o gpkv

Lcf k"ky cp"dgtcpi ncvg"ugncj "ugnc c"52"o gpkv



Ncvj cp

C{q'j kwpj "nc c'y cmw'f cpi "f kgy cvk

"Pqo qt"	Mgi kvcp"	Owck	Ugncuk	Y cmw'f cpi " Fkgy cvk
" 30	Fqpkdgt ckp" dqnc	 " 3 : 00	 " 5 : 00	Fqpkdgt ckp" dqnc"ugnc c"4" lco
" 40	Ukuy c"ngncu" 4"dgtmwpjpi " ng"r gvgtpcncp" ucr k	 " _ : _	 " _ : _	Dgtmwpjpi "ng" r gvgtpcncp"ucr k ugnc c"" "lco
" 50	Cj o cf " dgtugr gf c" ucpvck	 " _ : _	 " _ : _	Cj o cf " dgtugr gf c"ucpvck ugnc c"" "lco

D0' Rcplcpi

30' Ogpi gpcrCrcvWwnt

Cr cncj "nco w'o go r wp{ cKcrcvWwnt"r cplcpi 0

CrcvWwnt"cr cncj "kw0

CrcvWwnt"r cplcpi "{ cpi "f kngpcr'cf cncj "r gpi i ctku0

Rgpi i ctku"cf c"f wc0'Rgpi i ctku"ugpvko gvgtcp"f cp"r gpi i ctku"
o gvgtcp0Eqpvaj "r gpi i ctku"ugpvko gvgtcp"cf cncj "o kvct0



Okvct"o gpi wwnt"dgpf c"{ cpi "r gpf gn0

Rcplcpi "dgpf c"f cnco "ucwcp"ugpvko gvgtp0

Okvct"vgt0 cuwn'r gpi i ctku"ugpvko gvgtcp0



Kw'o gvgtcp0

Ogvgtcp"wpwn'to gpi wwnt"dgpf c"r cplcpi 0



Ncvlj cp

C{ q'ugdwnep'crevWwnt"{ cpi 'uguwck0Okvct'cvcwb gvgtcp0

30" Nwn'ko gpi wwnt"r cplcpi "r kpwf gpi cp""

40" Ct'ko gpi wwnt"ngdct"dwnwf gpi cp""

50' O'pcj "o gpi wwnt"r cplcpi "ncp"f gpi cp""



60" T lpc"o gpi wmw"r cplcpi "o glc" f gpi cp""
 70' F lpw'o gpi wmw"r cplcpi "r gpuk" f gpi cp""
 80' [qi k'o gpi wmw"r cplcpi "r cr cp" wmw" f gpi cp""
 90" [cpk'o gpi wmw" lpi i kdcf cp" f gpi cp""
 : 0" Npc"o gpi wmw"r cplcpi "f gr ccp" lpi cp" f gpi cp""
 ; 0' RcmDcpf k'o gpi wmw"r cplcpi "o qdk" f gpi cp""
 320' J gr k'o gpi wmw"r cplcpi "cpvck" f gpi cp"" "

40' Ogpi wmw" Rcplcpi "f gpi cp" Ucwcp" VcmDcnw

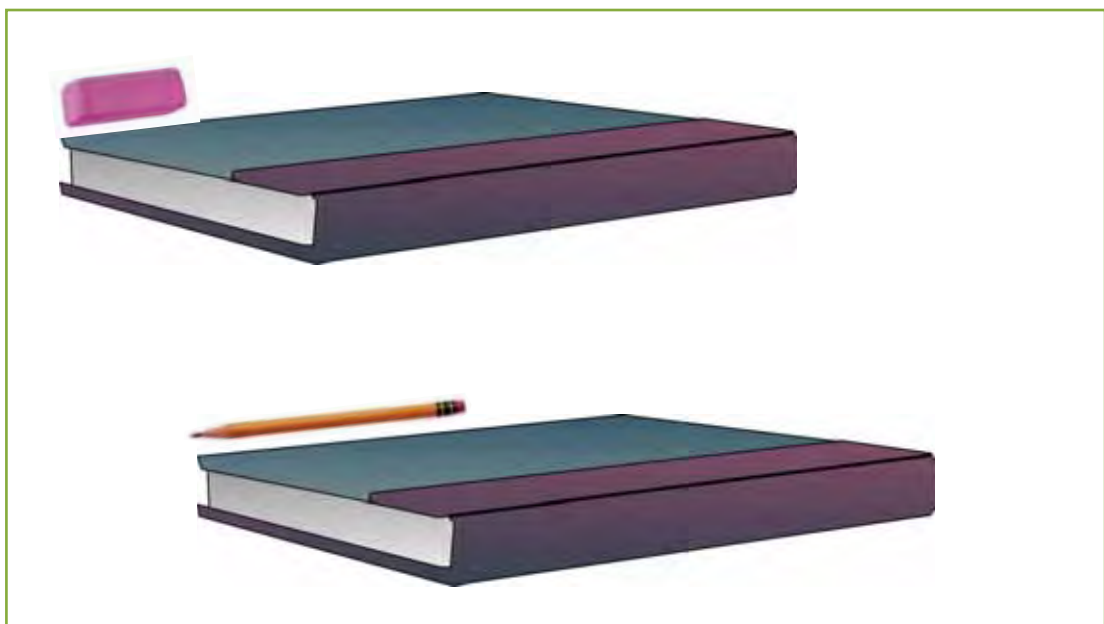
Cr cncj "ucwcp" vcmDcnw" kw0

Rgtpcj ncj "nc o w'o gpi wmw" dnmw" f gpi cp" r gpi j cr wu0

Rgtpcj ncj "nc o w'o gpi wmw" dnmw" f gpi cp" r gpuk0

Rcplcpi "l gpi nc cp" o gtwr cncp" ucwcp" vcmDcnw0

Rgpi j cr wu" ucwcp" vcmDcnw{ c0' Rgpuk" lwi c" ucwcp" vcmDcnw{ c0





Vwi cu

C{ q'ngtlnep'f gpi cp'vgo cp0
 Rgtj cvnep'f kugnkcto w0
 Ectkej 'ucwcp'vcm'dcmw'nekp{ c0

c0' Ogpi wwt'Rcplcpi 'f gpi cp'Lgpi nerVcpi cp



Cpf k'o gpi wwt'dwnw'f gpi cp"
 lgpi nerVcpi cp0'Rcplcpi "dwnw'
 cf cnej "4"lgpi ner0



Ncvlj cp

C{ q'wwt'r cplcpi 'dgp{ c'dgtknw0

30" Rcplcpi 'r gpuk0 w'" "lgpi ner0

40" Rcplcpi "o glc'ngreuo w'" "lgpi ner0

50" Rcplcpi "ugr cwo w'ugnkct'" "lgpi ner0

60" Vpi i k'gngxkulo w'" "lgpi ner0

70" Rcplcpi 'tcf kqo w'" "lgpi ner0

d0' Ogpi wmw'tRcplcpi 'f gpi cp'Mrk



kpkcf crej "mrk 0'

Mrk 'wpwnio gplgr k'ngo dclcp"ngtvcu0

Rcplcpi 'r gpuktf kwmw'tf gpi cp'mrk 0



Rcplcpi 'r gpuktf crej "6'mrk 0



Ncvlj cp

C{ q'wmw't'r cplcpi 'dgpf c'f gpi cp"



30'



"

r cplcpi 'r gpi j cr wu'"



40'



r cplcpi "ur kf qn'"



50'



"

r cplcpi "i wplpi '"



60'



r cplcpi "ugpvt'"



e0' Ogpi wmw'Rcplcpi 'f gpi cp'MqtgmCr k



kpkcf cæj "dcvpi "nqtgm'cr k0

Mqtgm'cr kwpwn'to go dcpi nkp"cr k0

Mqtgm'cr kf cr cv'o gplcf kucwcp'vc'm'dcmw0



Ncvlj cp

C{ q'wmw'r cplcpi 'dgpf c'dgtkmw'f gpi cp"



30'



'

r cplcpi "i wvpi "ugnkt""



40'



r cplcpi "ur kf q'ugnkt""



50'



"

r cplcpi "r gpi j cr wu"ugnkt""



60'



r cplcpi "ugpvgt"ugnkt""



70'



"

r cplcpi "r gpi i ctlu"ugnkt""



50' Ogpi wmw'Rcplcpi 'f gpi cp'Ucwcp'Dcmw

Cr cncj "ucwcp"dcnw"kw0

Ucwcp"dcnw'uco c'f kugrwj 'f wpc0

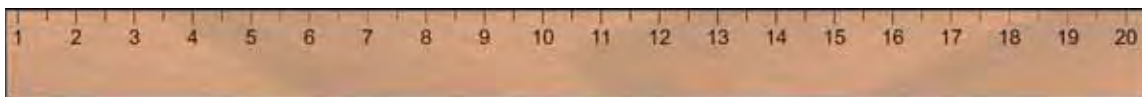
Eqpvqj "ucwcp"dcnw'cf cncj "ugpvko gvgto'Ugrcp"kw."o gvgto

ugpvko gvgto'f kulpi nc'eo

o gvgto'f kulpi nc'eo

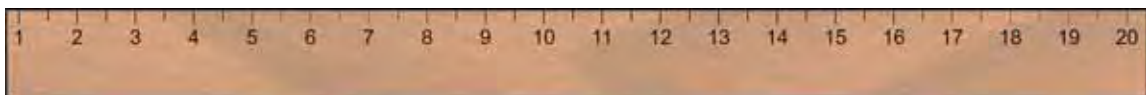
c0' Ogpi wmw'f gpi cp'Ucwcp'Ugpvko gvgto

Rgtj cvncp"o kvcto'dgtnw0



Okvcto'wpwn'to gpi wmw'dgpf c'r gpf gn0

Rgtj cvncp"r wn gp"{'cpi 'f kwmw"o kvcto

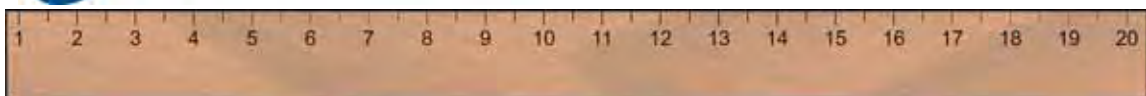


3"uncnc'r cf c'o kvcto'cf cncj "3"eo 0

Rcplcpi "r wn gp"cf cncj "32"uncnc0

Lcf k'r cplcpi "r wn gp"cf cncj "32"eo 0

Rgtj cvncp"i wplpi 'f kwmw"o kvcto



Rcplcpi "i wplpi "cf cncj "33"eo 0



NcVj cp

C{ q'wmt'r cplcpi 'dgpf c'f gpi cp'b kvct0

30



40



50



60



70



Cmkxku'Ocvgo cvnc



C{ q'rcmwncp'f gpi cp'vgo cpo w0'

Mgo wf lcp'kukcj 0

30" Rcplcpi "o glc"dgrclcto w'" "eo 0

40' Ngdct'ntulo w'" "eo 0

50' Rcplcpi "ugtwcp"r gpukw w'" "eo 0

60' Rcplcpi "r gpi j cr wu'r cr cp"wkwo w'" "eo 0

70' Rcplcpi "dwnwo w'00"eo 0

d0' Ogpi wmw't'f gpi cp'Ucwcp'Ogvg

Ogvgtcp'wpmw'lo gpi wmw'dgpf c'r cplcpi 0

Okucm{ c'r cplcpi "o glc0

Rgtj cvmcp"eqpvj "dgtkmw0



Twf kugf cpi "o gpi wmw'ngdct'r kpw0'Ngdct'r kpw'3"o gvg0

3"o gvg0"? "322"ugpvko gvg

cvcw'3"o "? "322"eo

Cmkxkcu'Ocvgo cvnc



C{ q'remwncp'f gpi cp'vgo cpo w0'O kpcrcj "dlo dki cp"
i wtwo w0'

Wmwrcj 'vgtrgdj 'f cj wmw0'

30' Rcplcpi 'r kpw'ngreuo w'" "o 0

40' Rcplcpi 'r cr cp'wmuo w'" "o 0

50' Vpi i k'r kpw'two cj o w'" "o 0

60' Vpi i k'f kpf kpi 'two cj o w'" "o 0

70' Rcplcpi "o qdk'wtn'" "o 0

E0' Dgtcv

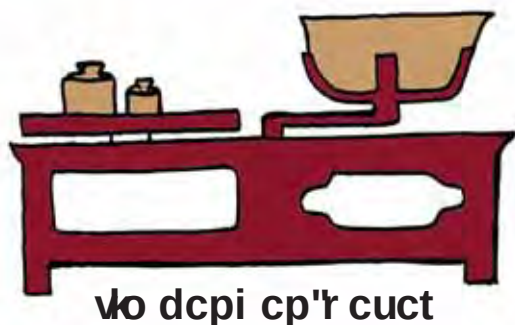
30' Ogpi gpcn' Crev' Wwt' Dgtcv

Rgtpcj nej 'nco w'r gti kng'r cuct0

Fkr cuct'cf c'crev'wwt'dgtcv0

Crev'wwt'kw'f kpc0 cncp'v0 dcpi cp'r cuct0

Ugrcp'kw."cf c'v0 dcpi cp'f wf wn0



v0 dcpi cp'f wf wm

Vwi cu



Dngtltcnej 'f gpi cp'vgo cpo w0

Mwplwpi kej 'r gtr wucncp'ugntnej o w0

Vgo wncp'kphqto cuk0 ceco /o ceco 'v0 dcpi cp0

Mgo wf kcp'dcj curej 'f kngre'u'f gpi cp'i wtwo w0

40' Ogo dcpf kpi nc'p'Dgtcv'Fwc'Dgpf c"

C{q'r gtj cvknc'wtckp'dgtkww0



Dwnw'ṛḡḏḵ 'ḏḡṭcvḑ ctk cf c'r gpukḐ

Rgpuk'ṛḡḏḵ 'ḏḵṑi cp'ḑ ctk cf c'dwnwḐ

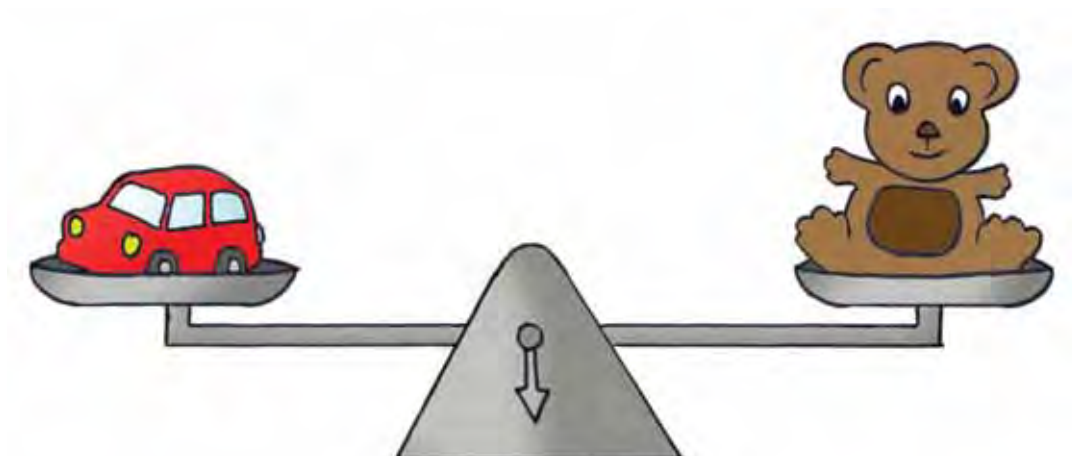
Uḡṇṭcpṑ .c{q'dcpḑ ḵṑi ṇṭṭṑ'o ḡṑi i wpcṇṭṭṑ'ḵo ḏcpṑ cpḐ



Pcpṑ ṇṭ'ṛḡḏḵ 'ḏḡṭcvḑ ctk5'ḡṭwnḐ

5'ḡṭwn'ṛḡḏḵ 'ḏḵṑi cp'ḑ ctkṑcpṑ ṇṭḐ

Eqḏc'r ḡṭṑ cḵṇṭṭṑ'ṇṑi ḵḐ



Dḡṑḡṇṭ'uco c'dḡṭcvḑ ḡṑi cp'Ḑ ḡḏḵḵḐ ḡḏḵṇṭṭṑḐ



Ncվյ յո

Ըզ զ'ձգբֆ կփ ռք'ձցտՎձցբֆ շ'ձցտկոճձ

ի Եբոք'ղձկ 'ձցտՎ'ղձկ 'կփ յո.ՆՎճ'սո շ'ձցտՎֆ ցփ յո

30



" ռղՎոմ'սսս" "ձՎյ "ո ցղք

40



" ձՎյ "կո ձՎք" "ձՎյ "ր ց շ շ

50



" 5"կք"ո շ" "3"ք ցո

60



" dwnw" "r wnr gp

70



" ugnctwpi "dgtcu" "'ugdwpi nnu"i wr

50' Ogpi wmw'DgtcvDgpf c'f gpi cp'Ucwcp'Dcnw

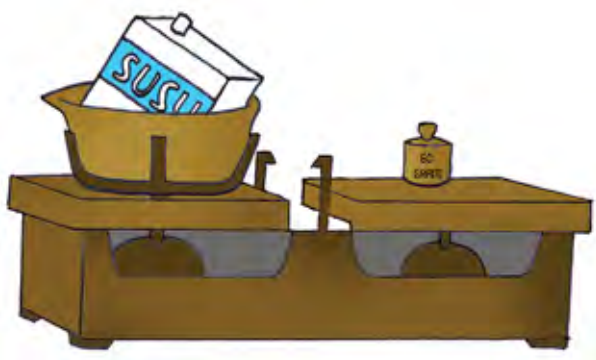
c0' Ucwcp'l tco

I co dcl'cpcnMo dcpi cp'pKcf cncj "3'i tco 0



I tco 'f kulpi ncvi 0

Rgtj cvkæp'wtckp'dgtkww0



Dgtcv'3'dwpi nnu'uwuw'cf cæj '82'i tco 0



Ncvlj cp

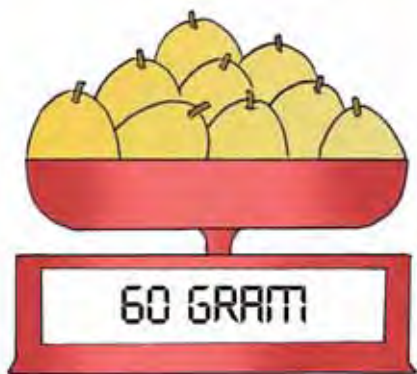
C{ q'wnwtæj 'dgtcv'dgpf c'dgtkww0

30'



Dgtcv'kæp'cf cæj '"" 'i tco 0

40"Dgtcv'dwcj 'r k'cf cæj '"" 'i tco 0



50' DgtcV'cpi i w'cf cæj '"" 'i tco 0



60' DgtcV'tco dwæp'cf cæj '"" 'i tco 0



70' DgtcV'dwcj 'lgtw'cf cæj '"" 'i tco 0



d0' Ucwcp'Qpu

" "" " 3"qpu"?322'i tco

Rgtj cvkcp'wtckp'dgtkww0



Lgtwn'dgtcvp{c'7"qpu0

Cmkxcu'Dcvgo cvkc



C{q'rcmwncp'ngi kcvp'dgtkww'f gpi cp'vgo cpo w0

Ugf kncprcj "

3"dwcj "cr gn

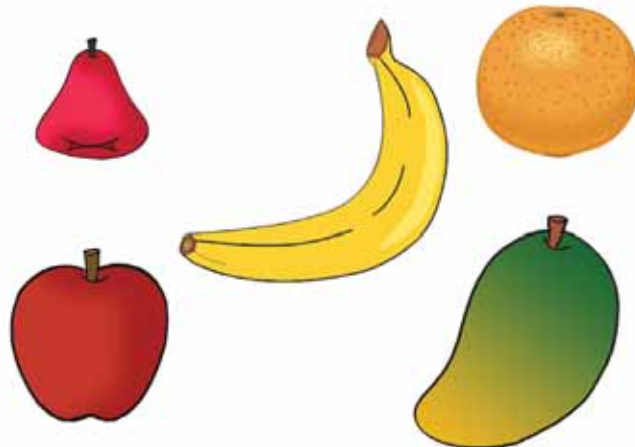
3"dwcj 'lgtwm

3"dwcj "o cpi i c

3"dwcj "r kucpi

3"dwcj "lco dw

Mgo wf kcp'vko dcpi rcj 0



30' Dgtcv'cr gr'cf crcj "" "qpu0

40' Dgtcv'lgtwn'cf crcj "" "qpu0

50' Dgtcv'o cpi i c'cf crcj "" "qpu0

60' Dgtcv'r kucpi "cf crcj "" "qpu0

70' Dgtcv'lco dw'cf crcj "" "qpu0

Ocpkcv'cr c'{cpi "neo w'r gtqrj 0'Egtkcncprcj 0

e0' Ucwcp'Mkqi tco

Co dkcj "cpcn'lo dcpi cp"3"nki tco 0

Rgi cpi rcj "qrj "vcpi cpo w0

Tcucncp"dgtevp{ c0

Dcpf lpi nc'f gpi cp"cpn'lo dcpi cp"3"i tco "f cp"3"qpu0

Ocp{ cpi "vgtcuc"gdj "dgte0

Mkqi tco "f kuku"ni 0

Rgtj cvncp"i co dcl'f kuc0 r lpi 0

Dgtevdwn'cf rcj "3"ni 0



Cmkku'Ocvgo cvnc



C{ q'rcncp"ngi kvc"dgtkw'f gpi cp"vgo cpo w0

Ugf kncrcj "

3"dwcj "r gr c{ c

6"dwcj "o cpi i c

3"ncvtco dwcp

3"dwcj "vgmt

3"dwpi nu"i wc

Mgo wf kcp'lo dcpi rcj 0

30' Dgtevr gr c{ c"cf rcj "" "ni 0

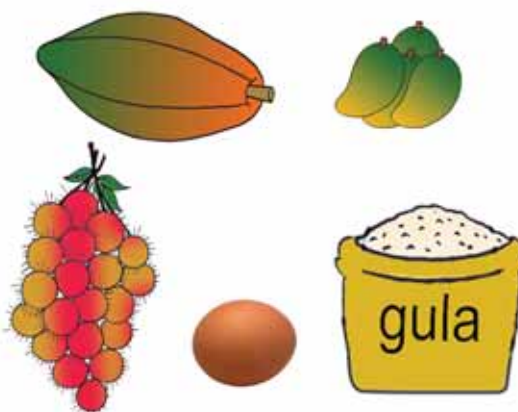
40' Dgtevo cpi i c"cf rcj "" "ni 0

50' Dgtevtco dwcp"cf rcj "" "ni

60' Dgtevvgmt"cf rcj "" "ni

70' Dgtevi wc"cf rcj "" "ni

Ocpncv'cr c{ cpi "nc0 w'r gtqrj 0'Egkncrcj 0



60' Ogp{ grgucknep'Ocucrej 'DgtcvDgpf c

Eqpvqj

Klw'dgtdgreplc"ng'r cuct0

K'o go dgrk3"nqi tco 'kncp0klw'wi c'o go dgrk32"nqi tco 'dgtcu0

Dgter c'lwo rej "dgreplccp"ldw0

Icy cd

Lwo rej "dgreplccp"ldw'cf crej

" 3"mi "- '32"mi "?33"mi

Lcf k'lwo rej "dgreplccp"ldw'cf crej "33"nqi tco 0



Ncvlj cp

C{ q'ngtlnep'uqcnldgtkww0

30' T gpk'o go dgrk4"nqi tco 'i wre0

" Dgter c"qpu'i wre" cpi 'f kdgrkT gpk0

40' Dwtj cp'o gplwcn'8"nqi tco 'cr gr0

" Dgter c'i tco 'cr gr cpi 'f kwcniDwtj cp0

50' J gtw'o go dgrk5"mi 'i wre0Mgo wf lcp"4"nqi tco 'vgmt0

" Dgter c'lwo rej "dgreplccp"J gtw0

60' Dw'Y wncp'o gplwcn'kncp'o cu"4"mi 0Mgo wf lcp"kncp'o wck"
3"mi 0Dgter c"dgtcv'kncp" cpi 'vgrej 'vgtlwcn0

70' Uqpko gplwcn'32"vqr ngu"mwg0

" Vcr 'vqr ngu"mwg"dgtcv c"3"mi 0

" Dgter c"dgtcv'mwg" cpi 'vgrej 'vgtlwcn0



Rcplcpi "f cp"dgtcv'dkpcvpi "dgtgdg c0

Dgi kw'lwi c"f gpi cp"vpi i kCf c"dkpcvpi "{ cpi "r cplcpi 0

Cf c"dkpcvpi "{ cpi "r gpf gn0Cf c"dkpcvpi "{ cpi "dgtcv0

Cf c"dkpcvpi "{ cpi "tapi cp0Dgtkw"pkf cvc"dgdgter c"dkpcvpi 0

Dkpcvpi "{ cpi "Nact"Dkcuc		
J gy cp	Wwtcp"*eo +	Dgtcv"*mi +
Mwf c		462
Dwtwpi "Wpc		379
Mgmgcy ct		3
Mcvcmtr qj qp		5

Sumber:"y y y 0 qqi mgceqkf



Egto lp'Ftk

- 30' Dci clo cpcncj "ectco w'o gpi j kwpi 'y cmw'ngi kvc p0
- 40' Dci clo cpc"ectco w'o gpi j kwpi "r cplcpi "dgpfc0
- 50' Cr c"o cplccv'r gpi j kwpi cp"dgtcv'wpwn'ngj kf wr cpo w0

T cpi nwo cp

- 30' Crcv'wnw't'y cmw'lcncj "lco 0
- 40' "Lctwo "r gpf gn'o gpwplwnncp"lco 0
- 50' Lctwo "r cplcpi "o gpwplwnncp"o gpk0
- 60' Crcv'wnw't'r cplcpi "lcncj "o gvtcp0
- 70' Crcv'wnw't"dgtcv'lcncj "vo dcpi cp0



Octk'Ogpi wrēpi 'Dcd'6

C0' C{ q'r cucpi nēprēj 0



32052



33022



2; 022



34052



25052

D0' Rkij rj 'c.'d.'cvcw'e'ξ cpi 'vgr cv0

30'



Lco 'f k'cvcu'o gpwplwnncp'r wnwrt' 0

c0' 26022" "

d0' 27022"

e0' 28022

40



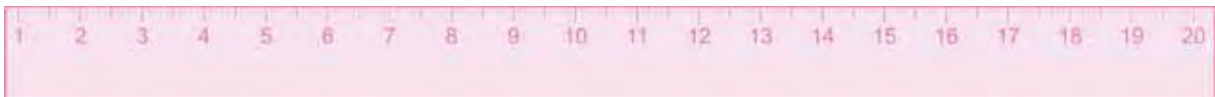
Lco 'f k'cvcu'o gpwplwnncp'r wnwrt' 0

c0' 25052" "

d0' 26022"

e0' 28052

50



Rcplcpi 'r gpuklcf crj "' 0

c0' 7"eo "

d0' : "eo "

e0' 32"eo

60'Dgtcv'lgtwntcf crj "' 0

c0' 6"qpu"

d0' 6"'i " "

e0' 6"ni



32:

Rkpct'Dgto cvgo cvnc'wpwn'UF 10 KMgrcu"4

70' Kdw'o go dgrk'5"mki tco "o k{cn0'Mgo wf kcp"lc"o go dgrk'4"
 mki tco "i wco'Lwo rj "dgrcplccp"kw'cf crj ""
 c0' 7"mi " "
 d0' 8"mi " "
 e0' 9"mi

E0' Ugrguckmcp'uqcr'dgtkww0

30' Vwmcj 'y cmw{cpi 'f kwplwmcj"qgj "lco 0
 " c0' " " " " " d0



" e0' " " " " " f 0



" g0



40' I co dctrɛj 'ɔɸf c'y cɯw'f ctɕlco "dgtkɯw0

" c0' r wɯwɿ7'vgr cv

" d0' r wɯwɿ: 'vgr cv

" e0' r wɯwɿ9"ŋdɕ "52"o gɸkɯ

" f 0" r wɯwɿ; "ŋdɕ "52"o gɸkɯ

" g0' r wɯwɿ33'vgr cv

50' I co dctrɛj 'ɔɸf c'y cɯw'f ctɕlco "dgtkɯw0

" c0' r wɯwɿ7'vgr cv

" d0' r wɯwɿ: 'vgr cv

" e0' r wɯwɿ9"ŋdɕ "52"o gɸkɯ

" f 0" r wɯwɿ; "ŋdɕ "52"o gɸkɯ

" g0' r wɯwɿ33'vgr cv

60' Vgɸwɯɛɸɛj 'y cɯw'ɕ cɸi 'f kɔy cvɸɕ c0

" c0



" d0



" e0



" f 0



" g0



70" c0' Wmtrcj "r cplcpi "dgpfc"dgtkmw0

" " 3+" r cplcpi "o glc"dgrelcto w

" " 4+"vpi i kmwtkulo w

" " 5+" mdcct"lgpf grc"two cj o w

" d0' Wmtrcj "dgtevdgpf c"dgtkmw0

" " 3+" dgtevdvuo w

" " 4+"dgtevdwmw w

" " 5+" dgtevr gpukw w

F0' Mgtlcncpcrj 0

30' Dw'Xgtc"dgncplc"ng"r cuct0

" K"o go dgrK6"nqi tco "i wc"o gtcj 0

" 7"nqi tco "dgteu0

" dgter cncj "dgtevdgncplccp"dw'Xgtc0

40' TqpK0 wckdgngtlc"r cf c"r wnw129052"r ci k0

" K"ugnguckdgngtlc"r cf c"r wnw125022"uqtg0

" Dgter c"co c"r cmTqpKdgngtlc0

50' RcmRctj cp"o go knkf wc"i gncu"dgtnw0



" Vcmukrcj "i gncu"o cpc" cpi "ngdk "dgteu0

60' Rgtj cncp"lco "dgtnw0Dwcrcj "egtkc"f ctky cmw" cpi "f kcnw0

" o wck' " " " " ugnguck



70' Ucnkf kwi cuncp"i wtw'o go dwcv'cpc c'y cmw0

" " K"f kwi cuncp"o go dwcv'r wnw150520

" " Rngntlcpcp c"ugr gtvKi co dct"f Kuco r lpi 0

" " Dgwnncp"ngucrcj cp"r gngtlccp"Ucn0



Uji Kemampuan 1

A. Pilihlah salah satu jawaban yang paling tepat.

1. 245 ditulis
 - a. tiga ratus tiga puluh enam
 - b. dua ratus empat puluh lima
 - c. tiga ratus dua puluh tujuh
2. *Empat ratus tiga puluh dua* dibaca
 - a. 432
 - b. 425
 - c. 453
3. 246 ... 156
 - a. kurang dari
 - b. lebih dari
 - c. sama dengan
4. 243 ... 276
 - a. kurang dari
 - b. lebih dari
 - c. sama dengan
5. Urutan bilangan yang benar adalah
 - a. 224 345 376 423
 - b. 234 121 187 345
 - c. 232 114 112 124

6. $145 + 22 + 21 = \dots$

- a. 188
- b. 232
- c. 345

7. $243 - 36 = \dots$

- a. 107
- b. 207
- c. 327

8. $435 - 35 = \dots$

- a. 200
- b. 300
- c. 400

9. Perhatikan gambar berikut.



Panjang pensil di atas adalah

- a. 5 cm
- b. 8 cm
- c. 10 cm

10. Perhatikan gambar berikut.

Berat jeruk adalah

- a. 8 ons
- b. 8 g
- c. 8 kg



B. Kerjakanlah soal-soal berikut dengan benar.

1. Ada pertandingan balap sepeda.
Peserta memiliki nomor-nomor berikut.
334 237 124 137 332 121
Urutkanlah dari yang terkecil ke terbesar.
2. Pada pertandingan bola basket diperoleh
nilai tim A 265
nilai tim B 334
Tim manakah yang menjadi pemenangnya.



3. Rani melakukan olahraga lari loncat.
Loncatan pertama 125 sentimeter.
Loncatan kedua 122 sentimeter.
Loncatan ketiga 120 sentimeter.
Urutkanlah dari yang terpendek ke terbesar.
4. Doni memiliki 186 kelereng.
Diberi lagi oleh ayahnya 130.
Berapa jumlah kelereng Doni sekarang.

5. Gambarlah tanda waktu dari jam berikut.

a. pukul 4 tepat



b. pukul 6 tepat



c. pukul 8 lebih 30 menit



d. pukul 11 lebih 30 menit





3' Ogr~~enwncp~~"r gtn~~ncp~~"dk~~ncp~~ c~~ncp~~ p
 3'"Ogr~~enwncp~~"r go dci l~~ncp~~"dk~~ncp~~ c~~ncp~~"f w~~ncp~~"cpi n~~ncp~~
 3'"Ogr~~enwncp~~"qr gtcukj k~~ncp~~ "eco r w~~ncp~~

C0' Rgtncrlcp

30' Rgtncrlcp'Ogtwr cncp'Rgplwo rcj cp'Dgtwrcpi

Lcnko go knc: 'cr gr0Lcnko go kucj ncpp{ c'o gplcf kgo r cvdci lcp0'
Go r cvdci lcp'kw'uco c'dcp{ cnc0Lcf k'vcr "dci lcp'cf c"4"cr gr0



" " 4" " " 4" " " 4" " " 4"

Ugj lpi i c'f cr cvf kwnu

" : "?4"- "4"- "4"- "4

" : "?6"z"4

Rgtncrlcp'o gtwr cncp'r gplwo rcj cp'dgtwrcpi 0

C{q'r gtj cvncp"eqpvaj "rcp0

Mkcp'o go knc7"ngqo r qm'lgtn0

Vlcr "ngqo r qm'dgtk5"dwaj "lgtn0

Dgtcr cncj "lwo rcj "lgtn'ugo wcp{ c0

Lgtwnlpkcf c"37"dwaj



" 5" - " 5" - " 5" - " 5" - " 5

" ?"7"x"5"?37



lcf k"lwo nj "lgtwnMkcp"cf c"370

80' 4"x"8"? " " " ?
 90' 7"x"6"? " " " " " " " ?
 : 0' 8"x"7"? " " " " " " " ?
 ; 0' 9"x"4"?
 320'6"x"8"?
 330'7"x"; " ?
 340'6"x"7"?
 350'8"x"8"?
 360'9"x": " ?
 370'; "x"; " ?

40' Rgtncrlcp'f gpi cp'Dkcp i cp'3

Fkqvcj wkcf c"7"r qv0

Vkr "r qv'cf c"3"dwp i c0Dgtcr c"dcp{ cm'dwp i c"f cno "7"r qv0



" 3" - " 3" - " 3" - " 3" - " 3" ?""7"x"3"? "7

Cf c"7"r qv{ cpi "dgtkul'3"dwp i c0

Fkwnu"7"x"30

Lwo røj p{ c"cf c"7"dwp i c0

Lcf k"7"x"3"? "70

cf c"7"dwp i c

7"x"3"? "7



F k'ncm'cf c"3"utqdgtk0Mqvcn' { cpi "vgtugf kc"cf c"; 0'

Lcy cd



" 3"- "3"- "3"- "3"- "3"- "3"- "3"- "3"- "3"?", "x"3"?".

· "x"3"?";

Lcf k"dc p{ cm"ut qdgt k"cf c"; 0

Ugdwcj "dkcpi cp" f krc hcp" f gpi cp" 30
J cukp{ c"cf crcj "dkcpi cp" kw"ugpf k10



Начи с

C0' C{ q'hcrhcrp'f gpi cp'dkcrpi cp'30

30



" 3" - " 3" - " 3" - " 3" - " 3" ?""

00' - " 3''' ?'''00

40



" $\mathbb{C}^n$ - " $\mathbb{C}^n$ - " $\mathbb{C}^n$ - " $\mathbb{C}^n$ - " $\mathbb{C}^n$ " ?" $\mathbb{C}^n$
" $\mathbb{C}^n \times \mathbb{C}^n$ " ?" $\mathbb{C}^n$

50



" 000' - " 000' - " 000' - " 000' - " 000' - " 000' ?" 00
 000' x" 000' ?" 00

60



" $\emptyset - "$ $\emptyset - "$ $\emptyset - "$ $\emptyset - "$ $\emptyset - "$ $\emptyset - "$ $\emptyset - "$ $\emptyset ?$ " $\emptyset$
 $\emptyset \times "$ $\emptyset ?$ " $\emptyset$

70



" 𐀀'- 𐀀'- 𐀀'- 𐀀'- 𐀀'- 𐀀'- 𐀀'- 𐀀'- 𐀀'- 𐀀'? 𐀀'
 𐀀'×'𐀀'- 𐀀'? 𐀀'

D0' C{ q'ngtlcncp'r gtnenlcp'dgtknw0Egmcj 'f gpi cp'j cukl'
r gngtlccp'vgo cpo w0Cr cncj 'j cukp{ c'uco c0

30'	3"x"3"?"	" "	80'	9"x"3"?"
40'	4"x"3"?"	" "	90'	; "x"3"?"
50'	5"x"3"?"	" "	: 0'	33'"x"3"?"
60'	6"x"3"?"	" "	; 0'	37"x"3"?"
70'	7"x"3"?"	" "	320'	44"x"3"?"

50' Rgtncncp'f gpi cp'Dkncpi cp'2

Rgtj cvncp'vk c'r kncpi "dgtkncw0



" 2"



- " 2"



- " 2"

? " 5"x"5"? "2

Mgvk c'y cf cj "vk cncdgtkuk0

Vk cncdgtkukctvp{ c"20Ugj kpi i c'f cr cvf kwnku"5"x"2"? "20

C{ q'r gtj cvncp'eqpvaj 'ncpp{ c0

Cf c"nc c"dqvqr0Vkr "dqvqrncquapi 0Dgtcr c"kuKdqvqrncugmtwj p{ c0



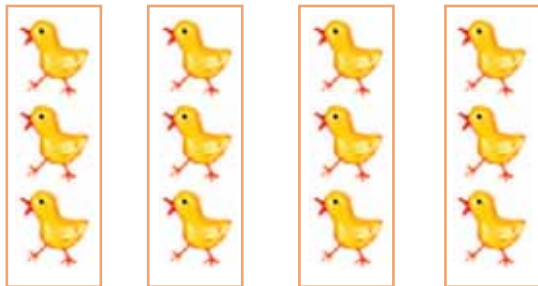
Lcy cd



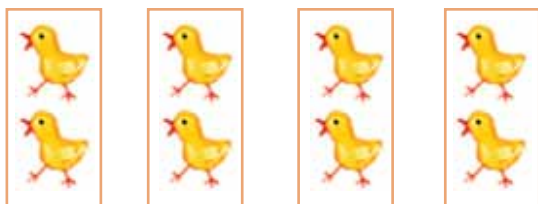
Lwo ncj "ugmtwj p{ c" 7"x"2"? "2

Lcf k7"x"2"? "20

Mco w'f cr c'v'o go dwnkncpp{ c'f gpi cp'ectc'o go r gtnkncp0
 Rgtj c'v'ncp'wtckcp'dgtkncw0



$$6 \times 5 = 34$$



$$6 \times 4 = :$$



$$6 \times 3 = 6$$



$$0 \times 0 = 0$$

kukcj 'vkn'vkn'lpk

Mgulo r wncpp{ c'cf crcj 'ugdci c'kdgtkncw

Dkncpi cp'f cpi 'f kncncp'2"
 j cukncp{ c'20



Ncviĵ cp

C{ q"nenkncp"dkncpi cp"dgtknw'f gpi cp"20'Mgo wf kcp"egm'
j cukp{ c'f gpi cp'vgo cp0Cr cncj 'j cukp{ c'uco c0

30'	4"x"2"?"	" "	80"	; "x"2"?"
40'	5"x"2"?"	" "	90'	32"x"2"?"
50'	6"x"2"?"	" "	: 0'	34"x"2"?"
60'	8"x"2"?"	" "	; 0'	35"x"2"?"
70'	: "x"2"?"	" "	320"	36"x"2"?"

60' Rgtncncp'f gpi cp'Dkncpi cp'4

C{ q'r gtj cvkncp"egtkc"dgtknw0

Cf c"4"cpncmf cnc "vcr "dcpi mw0

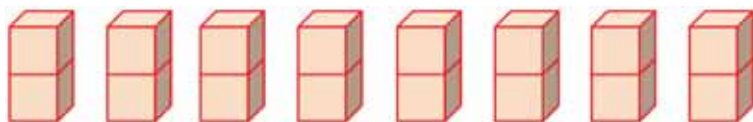
Fcnc "4"dcpi mw'cf c"6"cpnc0

Fcnc "5"dcpi mw'cf c"8"cpnc0

Fcnc "6"dcpi mw'cf c": "cpnc0

Fcnc ": "dcpi mw'cf c'" "cpnc0

Ogpi j kwpi "egr cvf gpi cp'r gtnrcp"40



4."6."8." : ."32."34."36."38."3: ."00

C{q'r gtj cvkrcp"rci k0

Fkf crco "ucpi nct'vgtf cr cv4"dwtwpi 0

Lwo rcj "ucpi nct'cf c"60

Cf c"dgtcr c'lwo rcj "dwtwpi "ugmtwj p{ c0

Lcy cd



" 4" - " 4" - " 4" - " 4" ?" :

4"x"6"?" :

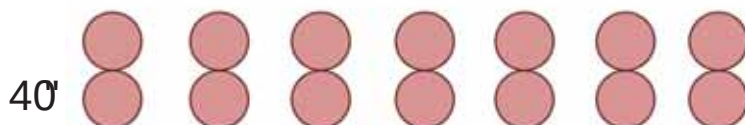


Ncvlj cp

C0' C{q'j kwpi rcj 'r gtnrcp'4'dgtkww0



" " "x"4"?" " " " " " " " "



" " "x"4"?" " " " " " " " " " "

50'



" " "x"4"? יסו" " יסו" " יסו" " יסו" " יסו" "

60'



" " "x"4"? יסו" " יסו" " יסו" " יסו" " יסו" " יסו" " יסו" " יסו" "

70'



" " "x"4"? יסו" " יסו" " יסו" " יסו" " יסו" " יסו" " יסו" " יסו" " יסו" "

D0' C{ q'hcrkncp'r gtncrkcp'4'dgtkww0

30' 3"x"4"? "4

80' 8"x"4"? "י"

40' 4"x"4"? "6

90' 9"x"4"? "י"

50' 5"x"4"? "י"

: " : "x"4"? "י"

60' 6"x"4"? "י"

; 0' ; "x"4"? "י"

70' 7"x"4"? "י"

320'32"x"4"? "י"

70' Rgtnerkcp'f gpi cp'Dkcp' cp'5

Rgtj c'kcp'6'vqr ngu'dgtknw0

Vkr 'vqr ngu'dgtkuk5'ng0

Dgtcr c'lwo rj 'ng'ugwtvj p{c0



" " " 6"x"5"? "34



Ncvlj cp

C{q'nerkcp'dkcp' cp'dgtknw'lp0

30' 3"x"5"? " "	"	80' 32"x"5"? "
40" 7"x"5"? " "	"	90' 34"x"5"? "
50' 9"x"5"? " "	"	: 0' 35"x"5"? "
60' : "x"5"? " "	"	; 0' 37"x"5"? "
70' ; "x"5"? " "	"	320' 3: ""x"5"? "

D0' Rgo dci kcp

30' Rgo dci kcp'Ogtwr cncp'Rgpi wtcp' cp'Dgtwrcpi

Owpc'o go knk34'vqo cv0

K'kpi kp'o gpi grqo r qnncpp{c0

Vkr "ngro r qndgtuk6"vgo cv0

Dgter c"dcpl{ cmvgo cvf cno "vkr "ngro r qn0

Rgpi co dkcp"vgo cvf kcmwcp"ugectc"dgtvcj cr 0

Vcj cr "r gtvco c"f lco dk6"vgo cv0

Vcj cr "ngf wc"f lco dkrci k6"vgo cv0

Vcj cr "ngvi c"f lco dkrci k6"vgo cvukuc0

Ugnctcpi "v cm'dgtukuc0



'34" —" 6" —" 6" —" 6" ?" 2

Rgpi wtcpi cp"dgtwrcpi "f cr cv
f kwmf cno "dgpwm

" "" 34"<6"?5

Kwf lpcno cmcp"r go dci kcp0

r go dci kcp"f kcpf ck"f gpi cp"
wcpf c"<

34"f kugdw'dkcp cp"{ cpi "f lci k

6"f kugdw'dkcp cp"r go dci k

5"f kugdwj cukn

f lj cukmcp"5"ngro r qm
vgo cv{ cpi "uco c

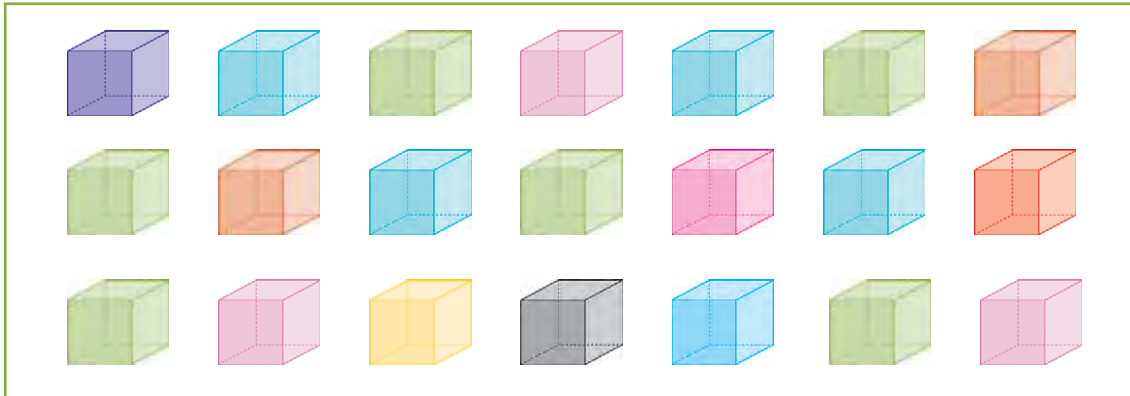


Rgo dci kcp"cf cmj "r gpi wtcpi cp"
dgtwrcpi "j lpi i c"v cm'dgtukuc0



C{ q"rcmncp"ngi kvc p"pkf gpi cp'vgo cpo w0

Ugf kncp"43"mwdwu'ucwcp0



Co dkncj "ugectc"dgtvcj cr "cvcw'o gpelek0

Mgo wf kcp"rcmncp"ugr gtvkdgtkww0

30" Co dkto culpi /o culpi "4"mwdwu'ucwcp0

" Cr cncj "mwdwu"kw"j cdku0

40' Co dkncj "o culpi /o culpi "5"mwdwu'ucwcp0

" Cr cncj "mwdwu"kw"j cdku0

50' Co dkto culpi /o culpi "6"mwdwu'ucwcp0

" Cr cncj "mwdwu"kw"j cdku0

60" Rgpi co dkcp"f gpi cp'ectc"o cpc"{ cpi "j cdku0

70' Rgpi co dkcp"f gpi cp'ectc"o cpc"{ cpi "dgtukuc0

80' Dwcvcj "ncno cv'r go dci kpp{ c0



Ncylj cp

C{qj} kwpi 'r go dci kcp'dgtknw0l wpcncp'ectc'r gpi wtcpj cp"
dgtwrcpi 0

30' 6"-4"-4"?2

" 6"<4"?4

40' 8"-1' "1' "?2

" 8"<5"?1'

50' 36"-1' "1' "1' "1' "1' "1' "1' "?2

" 36"<4"?1'

60' 37"-1' "1' "1' "?2

" 37"<7"?1'

70' 38"-1' "1' "?2

" 38"<1' "?1'

80' 47"-1' "1' "1' "1' "1' "?2

" 47"<7"?1'

90' 52"-1' "1' "1' "1' "1' "1' "1' "1' "1' "1' "?2

" 252"<32"?1'

: 0' 54"-1' "1' "1' "1' "?2

" 54"<6"?1'

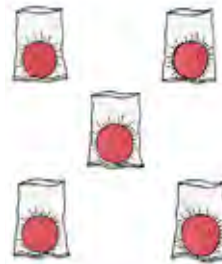
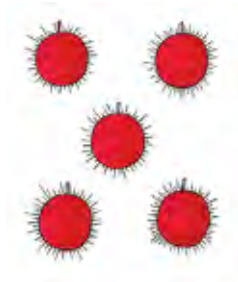
40' Rgo dci kcp'f gpi cp'Dkēpi cp'3

Xgpk'o go k'k'7'tco dwcp0

Xgpk'o gp{ lo r cpp{ c'ng'f c'co "dgdgter c'r rēukn0

Vlcr 'r rēukn'j cp{ c'dgtkuk'3'tco dwcp0

Dgter c'dcp{ cm'r rēukn'j cpi 'f k gtrwēcp0



cf c'7'r rēukn

Lcf k'7'<3'?'7

Rēukn'j cpi 'vgtugf k'cf c'c'j '70

C{ q'r gtj c'kēp'eqpvaj 'rēkpp{ c0

Tqp'k'o go k'k'9'cr gr0

3'cr gr'f k'lo r cp'f c'co "3'r k'k'pi 0'Tqp'k'o gp{ lo r cpp{ c'ng'f c'co "dgdgter c'r k'k'pi 0'Dgter c'dcp{ cm'r k'k'pi '{ cpi 'vgtkuk0



cf c'9'r k'k'pi

9'<3'?'9

Lcf k'dcp{ cm'r k'k'pi 'cf c'90

Dkēpi cp'f cpi 'f l'c'ci k'q'ng'j '30'
J c'uk'p{ c'cf c'c'j 'dkēpi cp'k'w'ugpf k'k'0



Ncvi cp

C{ q'j kwp i 'r go dci kcp'dgtknw0

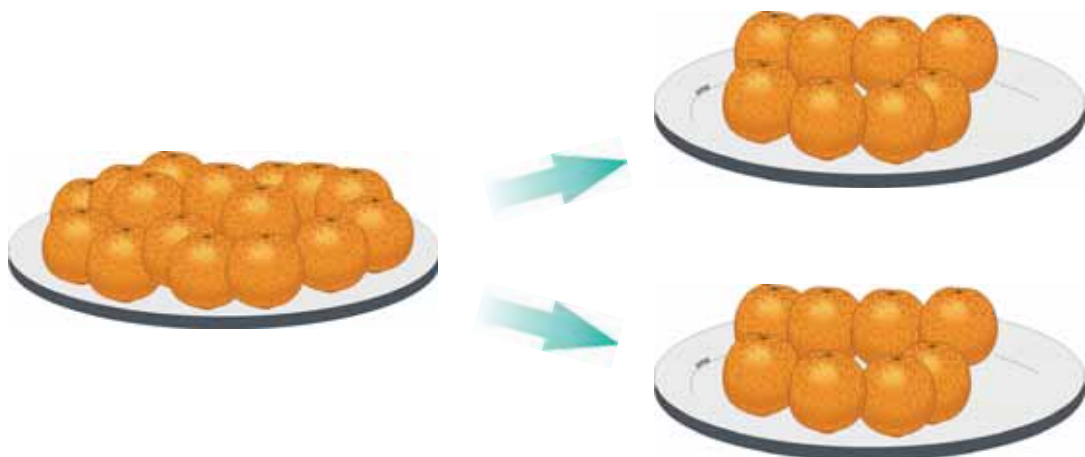
30' 5"<3"?'" " "	"	80' 37"<3"?'"
40' 6"<3"?'" " "	"	90' 38"<3"?'"
50' 7"<3"?'" " "	"	: 0' 47"<3"?'"
60' 32"<3"?'" ""	"	; 0' 4; "<3"?'"
70' 34"<3"?'" ""	"	320' 54"<3"?'"

50' Rgo dci kcp'f gpi cp'Dkcp i cp'4

Cj o cf "o go kkn'38"lgtwn0

K"lpi kp'o gp{ lo r cpp{ c"ng"4'r ktpi 0

Dgtcr c"dcp{ cm'lgtwn'f cnc o 'vcr 'r ktpi 0



Fko culpi /o culpi 'r ktpi "cf c": "lgtwn0

Lcf k'38"<4"?": 0



Ncvlj cp

C{q'j kwpi 'r go dci kcp'dgtkww0

30' 32"<4"?'" "" 80' 56"<4"?'"

40' 34"<4"?'" "" 90' 58"<4"?'"

50' 38"<4"?'" "" : 0' 62"<4"?'"

60' 3: "<4"?'" "" ; 0' 72"<4"?'"

70' 44"<4"?'" "" 320' 82"<4"?'"



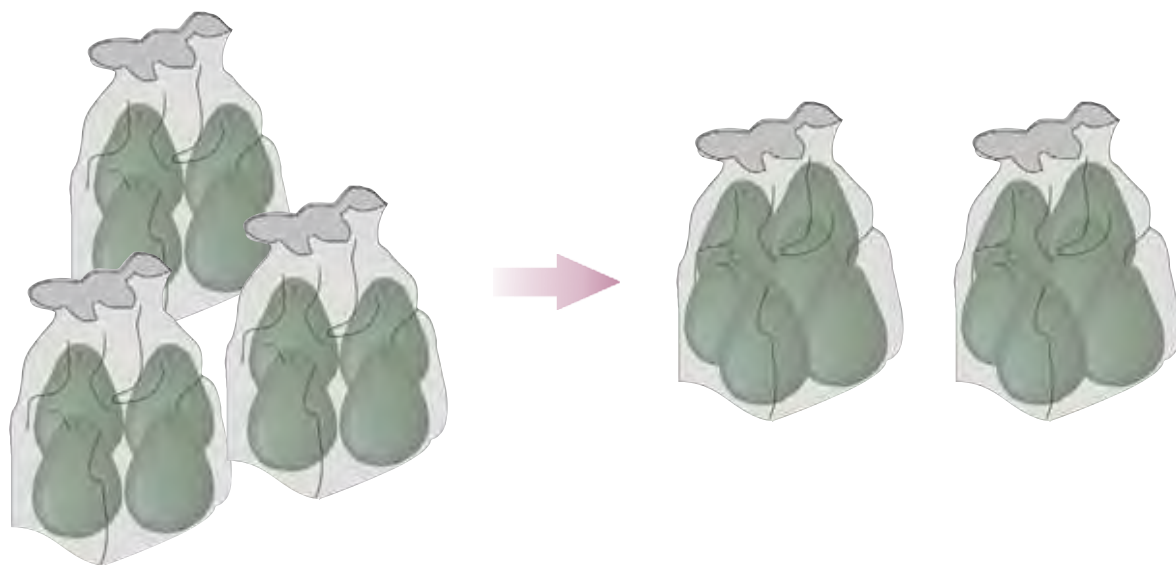
E0'Qr gtcuk'J kwpi 'Eco r wtcp

Fkpf c'o go kkk5'r rucuk'icm wncv0

Oculpi /o culpi "dgtkuk'6"cm wncv0

k'o go dci kcpp{c"nqr cf c'4"vgo cpp{c0

Dgtcr cncj "cm wncv{cpi 'f kgtlo c'vcr "vgo cpp{c0



" 5" x" "6" " " < " 4" ?" 8

Dci clo cpcncj "ectc"o gpi gtlnccpp{ c0

5"x"6"<4"? "34"<4"? "8Mcmncpcj "5"f gpi cp"6"j cukp{ c"cf cncj "340

" " " " " " Dci kcj "34"f gpi cp"4"j cukp{ c"80

Lcf k"vcr "vgo cp"F kpf c"o go r gtqrgj "8"cn wncv0

C{ q'r gtj cvkncp'eqpvqj 'ncpp{ c0

J kwpi ncj "32"<4"x"5"? "

Lcy cd

32"<4"x"5"? "7"x"5"? "37

Lcf k"32"<4"x"5"? "370



Ncvlj cp

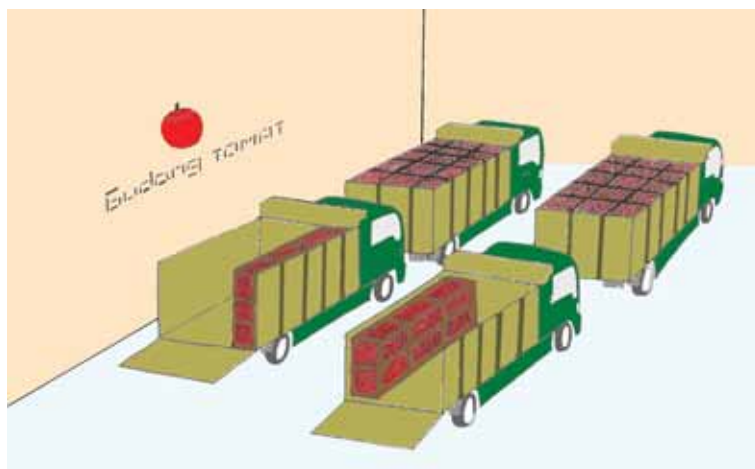
C{ q'j kwpi 'r gtncncp'f cp'r go dci lcp'dgtknw0

30'	5"x":	"<6"? "	"	"	"	80'	46"<8"x"5"? "
40'	6"x"4"<4"? "	"	"	"	"	90'	52"<5"x"6"? "
50'	7"x"6"<32"? "	"	"	"	"	: 0'	54"<38"x"4"? "
60'	8"x"5"<, "? "	"	"	"	"	; 0'	5: "<4"x"9"? "
70'	9"x"6"<36"? "	"	"	"	"	320'	: 2"<6"x"5"? "

Vgtcr cp'Ocvgo cvknc



Rgtj cvkncp'vtnidgtknw0



Vtnidgtknw'dgto wcvp"vgo cvO' Rgvcpk'cncp"o go dcy cp{ c"ng"r cuctO' Rgvcpk'o gplwcnvgo cv'ugdcpc{ cn'6"vtnidgtknw'3"vtnidgtknw'4"vcp"vgo cvO' Dgtctv'6"vtnidgtknw'cf c": "vcpO' Ocvncj "nc o w'o gplcf k'r gvcpk'cpi " o cno wtO'Vpwnidgtknw'dgncictncj "vgpcpi "r gtvcpkcpO'Uguwpi i vj p{c" ppgpnto q{ cpi "nkc"cf cncj "r gvcpl0



Egto kp'Fkk

- 30' Dci cko cpc"ectco w'o gp{ grguckncp"r gtnrcncp"o grncrk' r gplwo ncj cp0
- 40' Dci cko cpc"ectco w'o gp{ grguckncp"r go dci kcp"o grncrk' r gpi wtapi cp0
- 50' Dci cko cpc"ectco w'o gp{ grguckncp"r gtnrcncp"f cp" r go dci kcp0

Tcpi nwo cp

30' Rgtncncp"o gtwr cncp"r gplwo ncj cp"dgtwncpi 0

" Eqpvqj ""6"x"7"? "7"- "7"- "7"? "42

40' Rgtncncp"f gpi cp"dkncpi cp"2"j cukp{c"cf cncj "20

" Eqpvqj "" 34"x"2"? "2

50' Rgtncncp"f gpi cp"dkncpi cp"3"j cukp{c"dkncpi cp"kw"
ugpf k10

" Eqpvqj "" ; "x"3"?";

60' Rgo dci kcp"o gtwr cncp"r gpi wncpi cp"dgtwncpi 0

" Eqpvqj "" 34"- "6"- "6"- "6"? "2

" 34"<6"? "5

70' Rgo dci kcp"f gpi cp"dkncpi cp"3"j cukp{c"dkncpi cp"kw"
ugpf k10

" Eqpvqj "" 36"<3"? "36

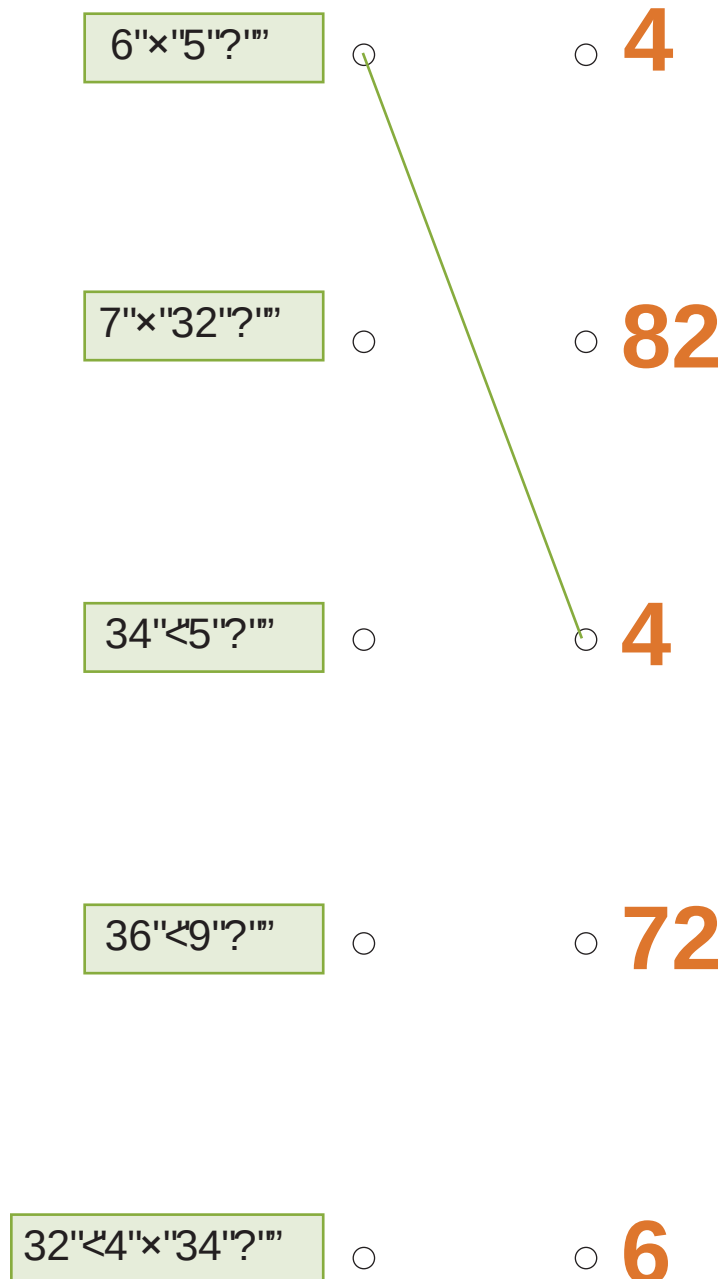
80" Wpwnfo gpi gtlcncp"r gtnncncp"f cp"r go dci kcp0

" Mgtlcncp"j kwpi cp"{cpi "r cncpi "nk10



Octk'Ogpi wrępi 'Dcd'7

C0' C{ q'r cucpi nępręj 0



D0' Rkij ñj 'c.'d.'cvcw'e'ž cpi 'vgr cv0

30' 32"- "32"- "32"? "52

Rgtncncp'r gplwo ñj cp"dgtwncpi p{ c"cf cñj "" 0

c0' 32"x"5

d0' 37"x"4

e0' 5"x"32

40' 7"x"8"? ""

" Rgplwo ñj cp"dgtwncpi p{ c"cf cñj "" 0

c0' 7"- "7"- "7"- "7"- "7

d0' 8"- "8"- "8"- "8"- "8

e0' 7"- "8"- "7"- "8"- "7

50' 9"x"32"? "" 0

c0' 82

d0' 92

e0' : 2

60' 42"—"32"—"32"? "2

r go dci kcp'wpwnñr gpi wtcpi cp"dgtwncpi p{ c""cf cñj ""

c0' 42"<32

d0' 42"<4

e0' 42"<32"<32

70' 52"<37"? ""

c0' 4

d0' 5

e0' 7

80' : "x"5"?'"

c0' 38

d0' 46

e0' 54

90' 67"<7"?'"

c0' 9

d0' :

e0' ;

: 0' : 2"<4"x"3"?'"

c0' 42

d0' 52

e0' 62

; 0' 4"x"32"<7"?'"

c0' 5

d0' 6

e0' 7

320'37"x"6"<5"?'"

c0' 42

d0' 52

e0' 62

E0' C{ q'ugrguckncp'uqcn'dgtknw0

30' Rcf c'ugdwaj 'r cnckcp'cf c'5'ncpelpi 0

Dgtcr c'dcp{ cn'ncpelpi 'f cnc0 '5'r cnckcp0



40' Vkr 'nqno 'cf c'6'ntuk0

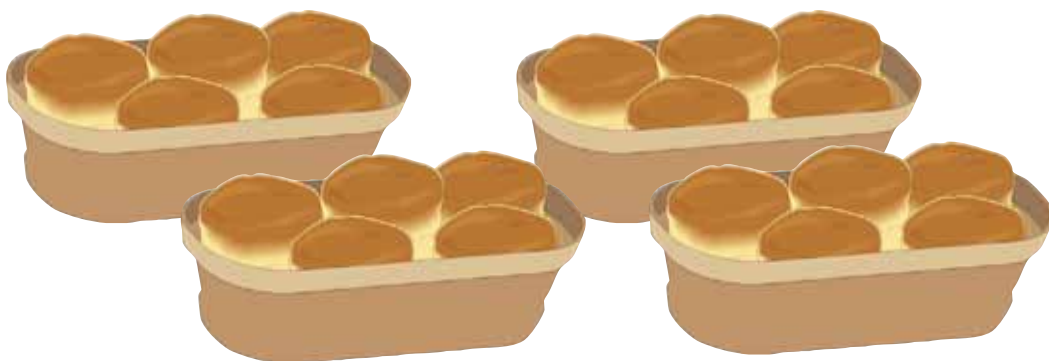
Dgtcr c'dcp{ cn'ntuk'wpwn'8'nqno 0



50'' Dw'Npc'o go dgrk'6'f wu'mwg0

Vkr 'f wu'dgtuk'7'mwg0

Dgtcr c'lwo ncj 'mwg'{ cpi 'f kdgrp{ c0



Three identical light brown woven baskets are arranged horizontally. Each basket contains four ripe yellow bananas with green stems. The baskets are empty except for the bananas.

Dgtcr c"dcpr{ cm'r kucpi "f cm'o "vcr "mgtcplcpi 0

Two identical baskets of tomatoes are shown side-by-side. Each basket is made of woven straw and contains 10 ripe red tomatoes with green stems. A blue cloth is draped over the rim of each basket.

Dgtcr c"qo cvf kf cmc "lcr "ngtcplcpi 0

" Cf c"dgter c"mwg"{ cpi "f kdwcv"Dw"Uwuk0

50' Culj "o go k4"vqr ngu"r gto gp0

" Vkr "vqr ngu"dgtkuk32"r gto gp0

" Rgto gp"kw" f kci kncp"ng r cf c"7"vgo cpp{ c0

" Dgtcr cncj "r gto gp"{ cpi "f kgtko c"qngj "vgo cp"Culk 0

60" Dwcncj "egtkc" f ctkr gtncncp" f cp"r go dci lcp"dgtknw0

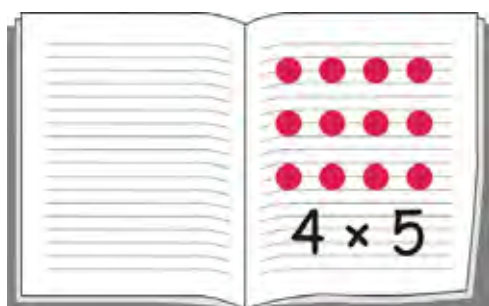
" " 37"<5"x"4"? "32

70' C{ q"dgwnncp"r gngtlccp"Fqpkdgtknw0

" Cf c"6"ngngqo r qmncpekpi 0

" Vkr "ngngqo r qm"dgtkuk5"ncpekpi 0

" Fqpkko gpwnncp"r gtncncpp{ c"ugr gtvkdgtknw0



" Cr c"ngucncj cp" f ctkr gngtlccp"Fqpk0

" C{ q"dgwnncp0



Dcpi wp'F cvct



Cf c"ugdwcj "two cj ŌF K'f gr cpp{ c"dc p{ c m'dgpw m'i co dclŌCf c"
r gtugi K'f cp"r gtugi k cplcpi ŌUgr k p"kw."cf c"lwi c"npi mctcpŌ
Fcr cvncj "ncō w'o gp{ gdwncp"z cpi "nc kpp{ cŌ

Mco w'cncp'dgrclct

- β' Ogpi grqo r qmncp'dcpi wp'f cvct
- β""Ogpi gpcr'ukukukuk'dcpi wp'f cvct
- β" Ogpi gpcr'uwf w/uwf w'dcpi wp'f cvct

C0' Oceco /Oceco 'Dcpi wp'Fcvct

Cr cmej "nco w'o go kinkugr dct'ngtvcu0

Vgto cuwn'dcpi wp"cr cmej "ngtvcu0

Cr cmej "nco w'o go kinkugr lpi "eqo r cev'f kum0

Dgtdgpwn'cr cmej "ngr lpi cp"eqo r cev'f kum0



eqo r cev'f kum



ngtvcu

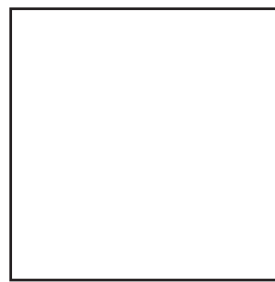
30' Rgtugi k

c0' Ogpi gpcn'Rgtugi k

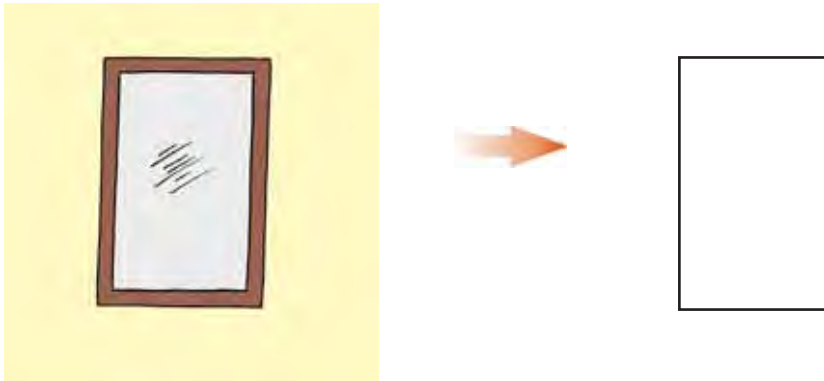
Eqdc'r gtj cvkcp'i co dct'dgtknw0Ugqtcpj "wnepi "o go cucpi 'wldp0



Wldp"o gtwr cncp'dcpi wp'r gtugi k0



Rgtj cvkcp'rci k'eqpvqj "rcpp{ c0



Lgpf grc'nc'c'dgtdgpwn'r gtugi k0

Vvi cu



Dgnrtlcrcj "f gpi cp'vgo cpo w0

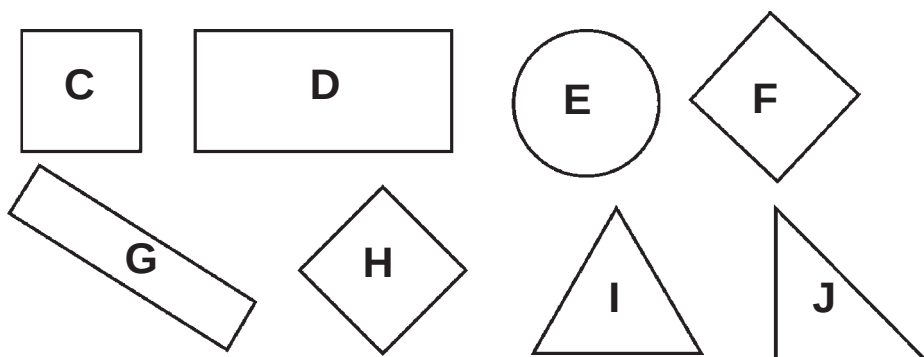
c0' Ectkrcj "32"dgpfc'{"cpi "dgtdgpwn'r gtugi k0

d0' Ectkrcj "dgdgtr c'dgpfc'r gto wncpp{ c'dgtdgpwn'r gtugi k0



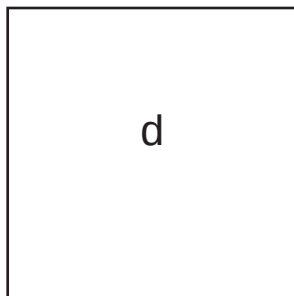
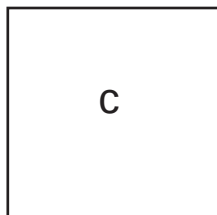
Ncvlj cp

C{ q'ugdwncp'{"cpi 'vgo cuwn'bcpi wp'r gtugi k0



d0' Ogo dcpf lpi ncp'Dcpi wp'Rgtugi k

Rgtj cvncp'f wc'dcpi wp'r gtugi k'dgtkww0



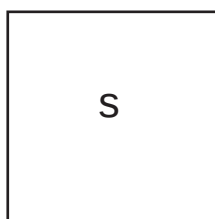
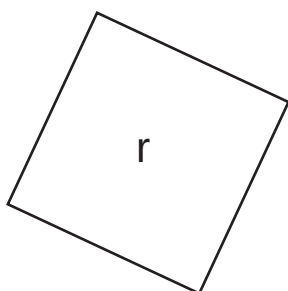
Rgtugi k'c"gdj "ngk'f ctkr gtugi k'd0



Ncvlj cp

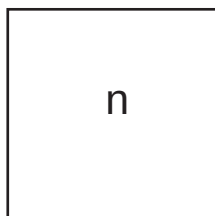
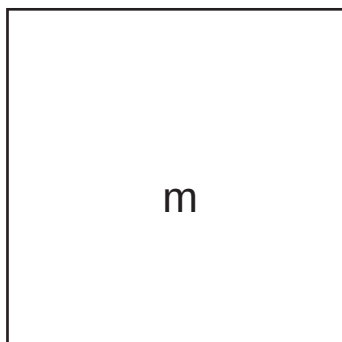
C{ q'dcpi lpi ncp'f wc'r gtugi k'dgtkww0

30



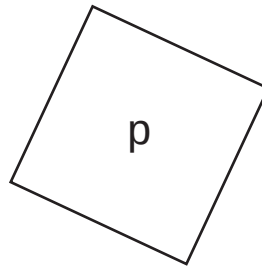
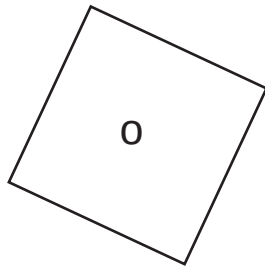
" r gtugi k'r "" "r gtugi k's

40



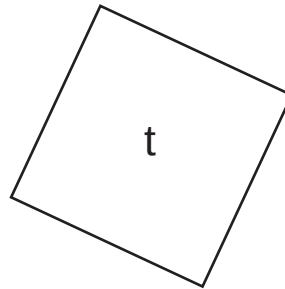
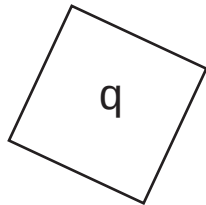
" r gtugi k'm"" "r gtugi k'n

50



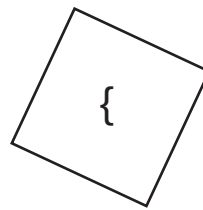
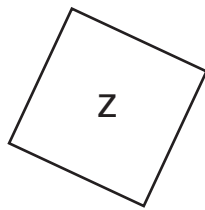
" r gtugi k'o "" "r gtugi k'p

60



" r gtugi k'q"" "r gtugi k't

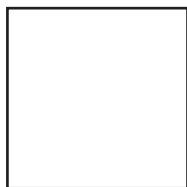
70



" r gtugi k'z"" "r gtugi k'{'

e0' Ogpi wtwncp'Dcpi wp'Rgtugi k

J gtw'o go k'k' dcpi wp/dcpi wp'r gtugi k0



Wtwncp'f ctK{ cpi 'vgtngk'cf cncj

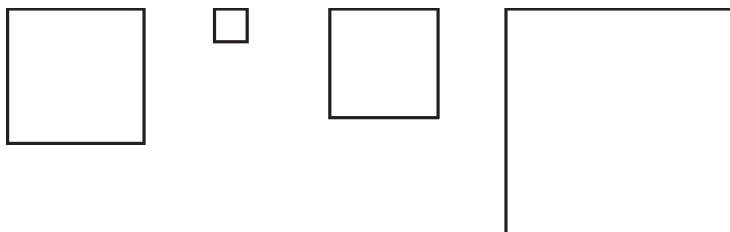




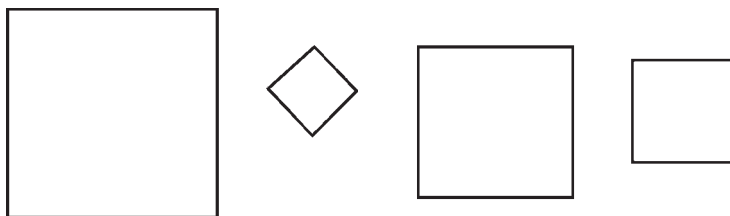
№ 372

Сгруппируйте фигуры по количеству углов

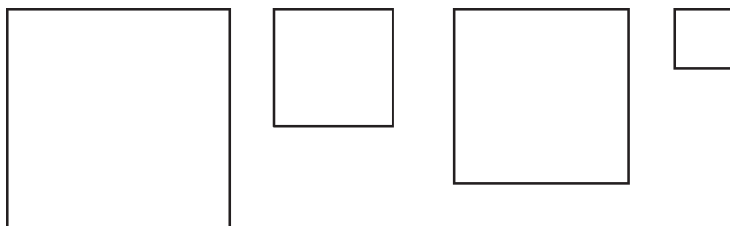
30



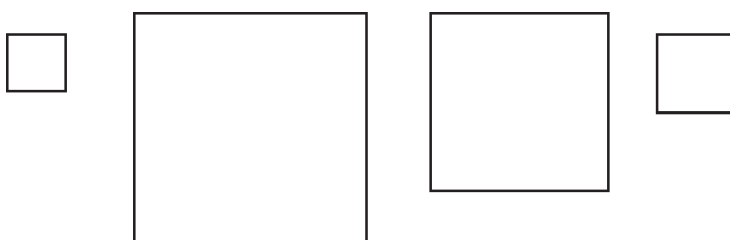
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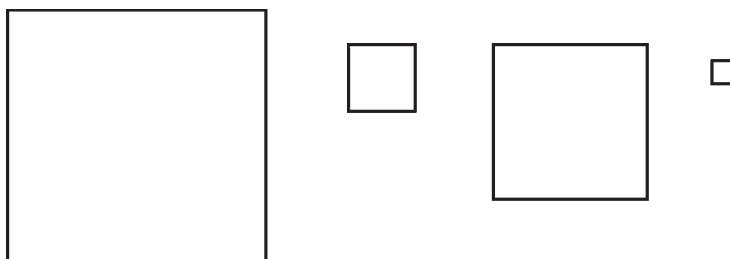
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60



70

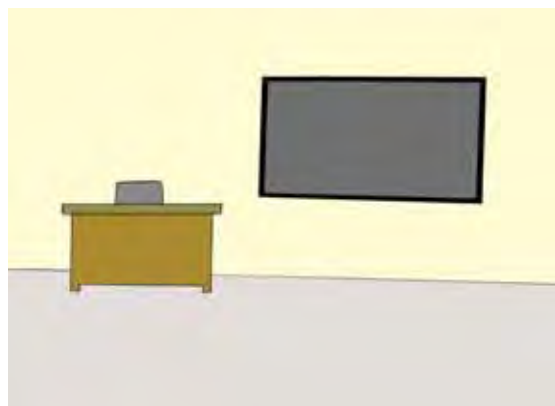


40' Rgtugi kRcplcpi

c0' Ogpi gpcnRgtugi k cplcpi

Rgtj c~~l~~ncp"r cr cp'w~~h~~u" f k'f gr cp'ng~~u~~uo w0

r cr cp'w~~h~~u" dgt dgpwn~~r~~ gtugi k cplcpi 0



Rgtj c~~l~~ncp"eqpvqj "nc~~l~~pp{ c0



Lk~~l~~ "dwnw'w~~h~~uo w' dgt dgpwn~~r~~ gtugi k cplcpi 0

Vwi cu

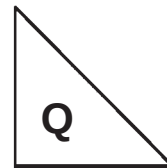
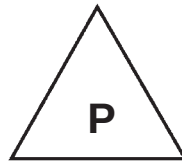
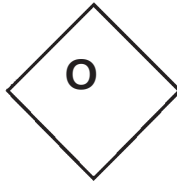
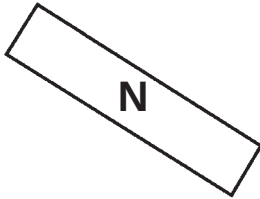
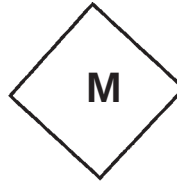
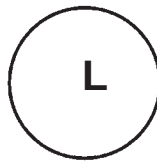
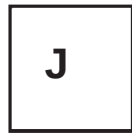


Ectk~~l~~ej "32"dgp f c" { cpi "dgt dgpwn~~r~~ gtugi k cplcpi 0Mgo wf kcp."
w~~h~~uncp0Dcj cur~~l~~ej 'f gpi cp'i wtwo w'f k'ng~~u~~uo



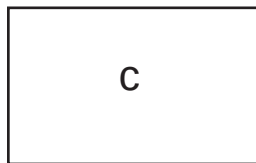
NcVlj cp

C{ q'ugdwncp'dcpi wp'r gtugi k cplcpi 0



d0' Ogo dcpf lpi ncP'Dcpi wp'Rgtugi k cplcpi

Rgtj cvncp'i co dcl'dgtknw0



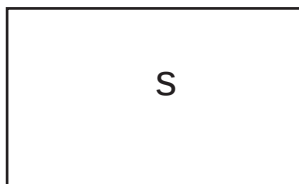
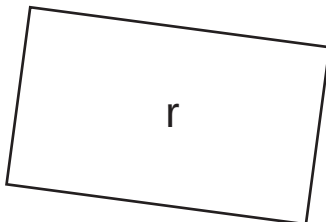
r gtugi k cplcpi "c" rgtj "d" rgtj ctkr gtugi k cplcpi "d0



NcVlj cp

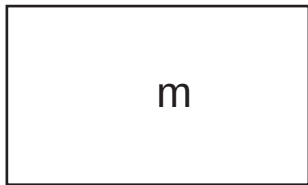
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30



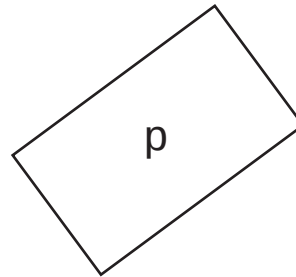
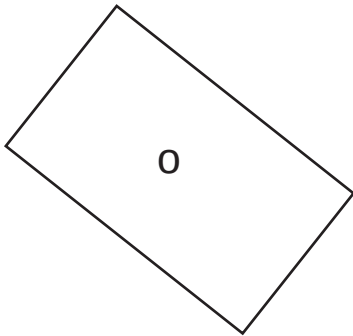
" r gtugi k cplcpi "r" "r gtugi k cplcpi "s

40



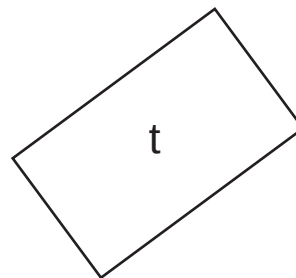
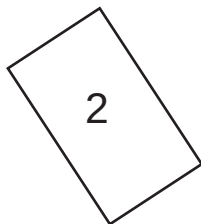
" r gtugi k cplcpi "m" "r gtugi k cplcpi "n

50



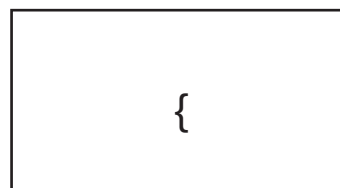
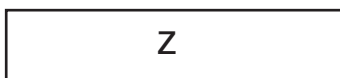
" r gtugi k cplcpi "o" "r gtugi k cplcpi "p

60



" r gtugi k cplcpi "q" "r gtugi k cplcpi "t

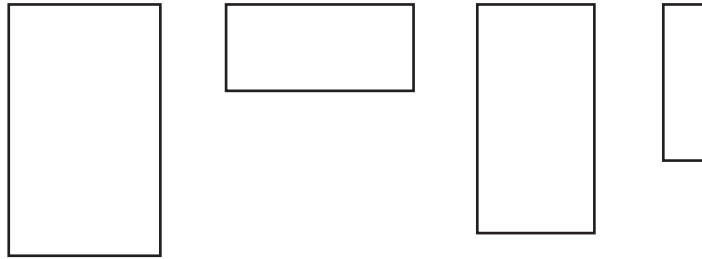
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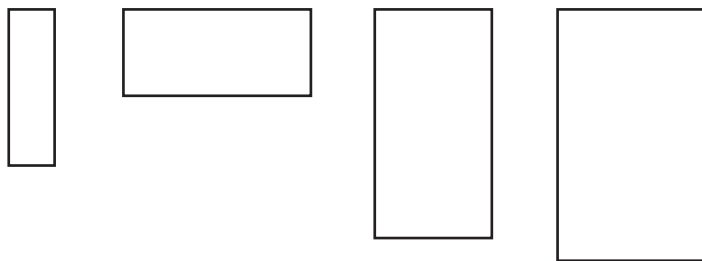
" r gtugi k cplcpi "z" "r gtugi k cplcpi "{"

e0' Ogpi wtwncp'dcpi wp'Rgtugi k cplcpi

J ct'ko go k'k'dcpi wp/dcpi wp'r gtugi k cplcpi 0



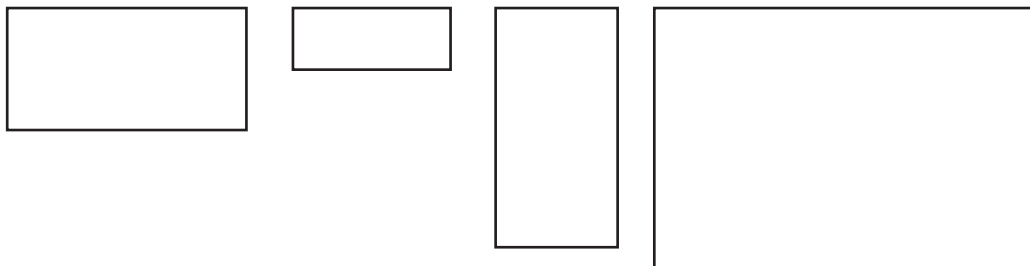
J ct'ko gpi wtwncpp{ c'f ct'k{ cpi 'vgtngk0



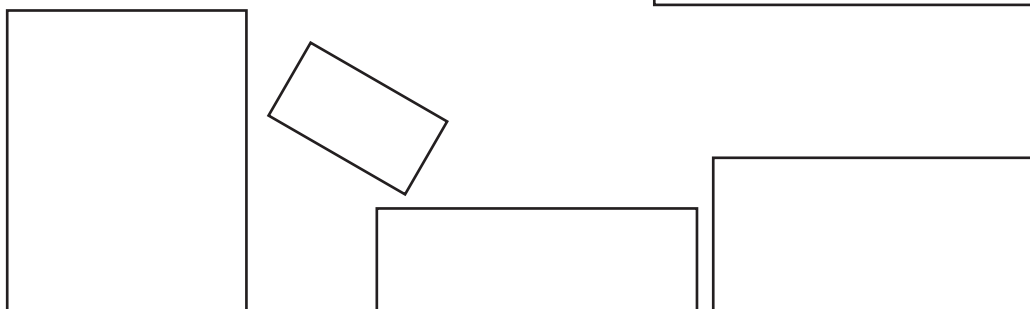
Ncvlj cp

C{ q'wtwncp'dcpi wp'dgtkww0

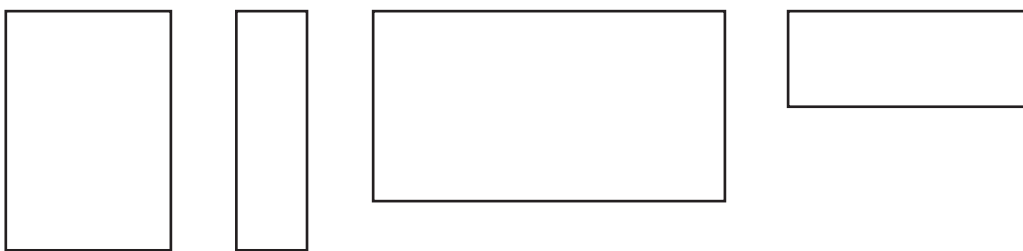
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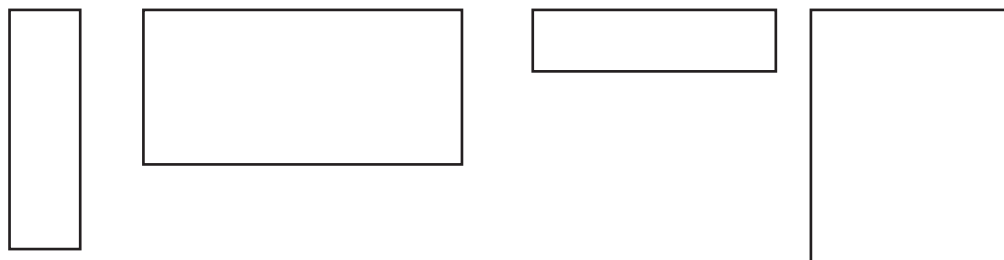
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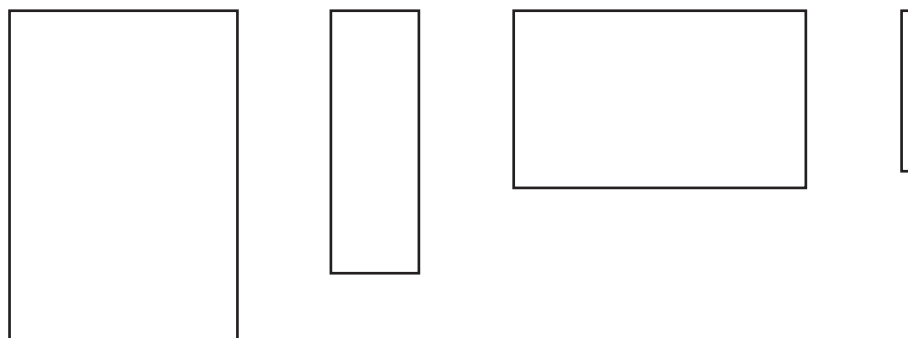
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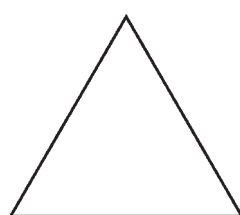


50' Ugi kĭ c

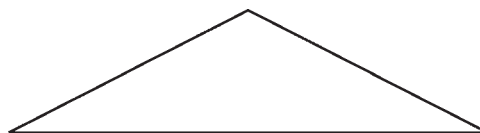
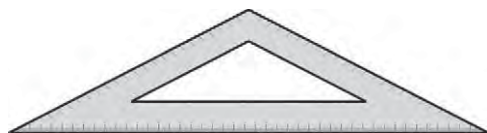
c0' Ogpi gpcn'Ugi kĭ c

Rgtpcj nej 'mco w'o gñj cv'ugi kĭ c'r gpi co cp0

Ugi kĭ c'r gpi co cp'dgtdgpwm'ugi kĭ c0



Rgtj cvkncp"eqpvqj "ncpp{ c0



Okvct"dgtdgpwm'ugi kki c0

Vvi cu

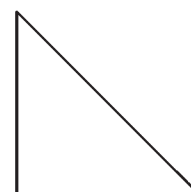
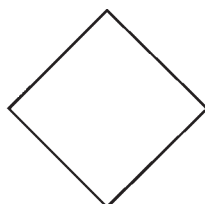
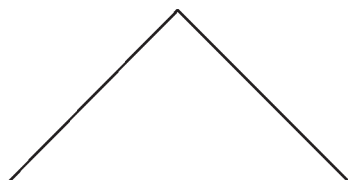
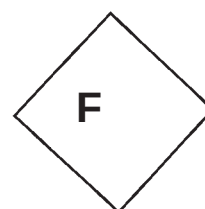
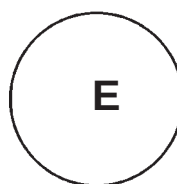
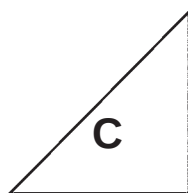


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i co dctncp0



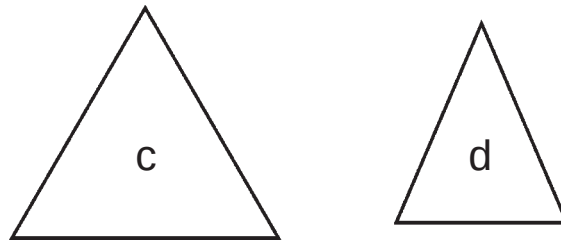
Ncvlj cp

C{ q'ugdwncp'dcpi wp'ugi kki c0



d0' Ogo dcpf lpi ncp'Dcpi wp'Ugi kki c

Rgtj c'ncp'f wc'dcpi wp'ugi kki c'dgtnw0



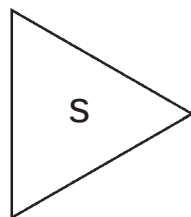
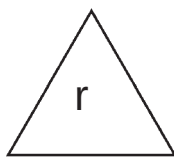
Ugi kki c'c'ngdkj "dguct" f ctkugi kki c'd0



Ncvlj cp

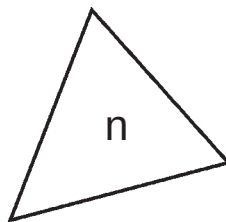
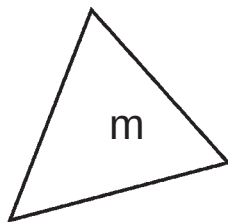
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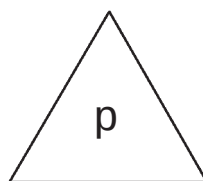
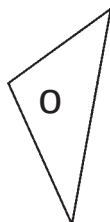
" Ugi kki c'r "" "ugi kki c"s0

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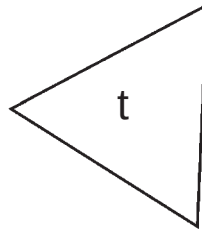
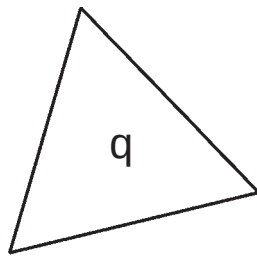
" Ugi kki c'm "" "ugi kki c'n0

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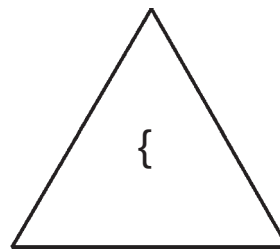
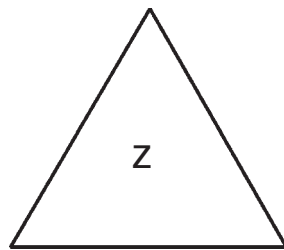
" Ugi kki c'o "" "ugi kki c'p0

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" Ugi k~~k~~ c"q'" "ugi k~~k~~ c"t0

70



" Ugi k~~k~~ c"z'" "ugi k~~k~~ c"{'0

e0' Ogpi wtwncp'Dcpi wp'ugi k~~k~~ c

Tkpc'o go k~~k~~dcpi wp/dcpi wp'ugi k~~k~~ c0



Tkpc'o gpi wtwncpp{c'f ctK{ cpi 'vgtngk0

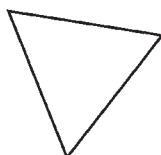
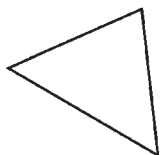




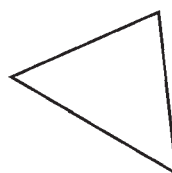
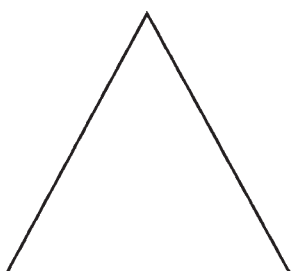
№ 37

Сделай из этих треугольников

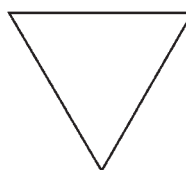
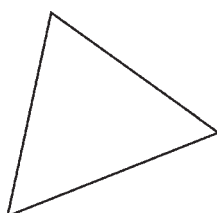
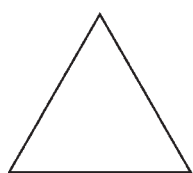
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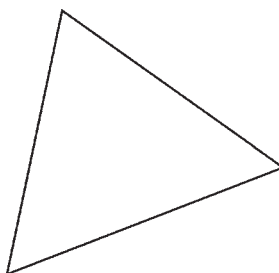
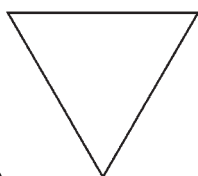
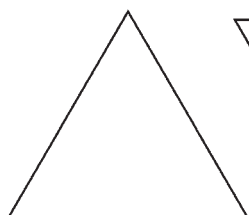
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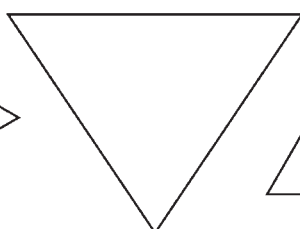
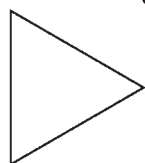
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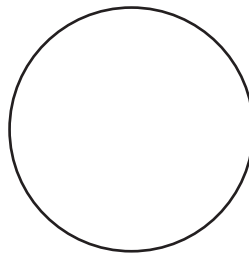
60' Nkpi nctcp

c0' Ogpi gpcnDcpi wp'Nkpi nctcp

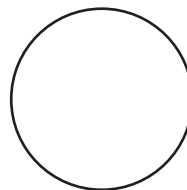
Cr cmcj "nco w'o go kkn'ugr gf c0

Rgtj cvncp"tqf c"ugr gf co w0

Tqf c"ugr gf c"dgt dgpwn'np nctcp0



Rgtj cvncp"eqpvqj "ncpp{ c0



Lco "f kpf kpi "f Kcvcu"dgt dgpwn'np nctcp0

Vwi cu

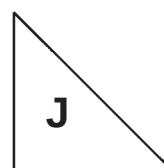
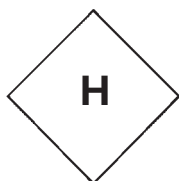
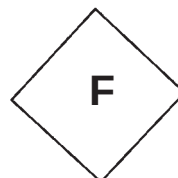
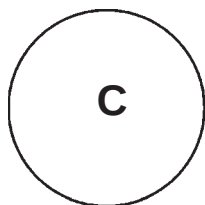


Ectkcj "32"dgpfc" { cpi "dgt dgpwn'np nctcp0' Mgo wf kcp."
i co dctncp0



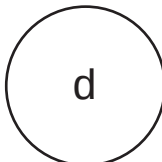
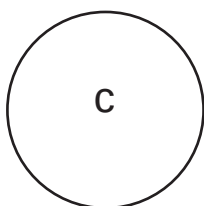
NcVj cp

C{ q'ugdwncp'dcpi wp'ncpi nctcp0



d0' Ogo dcpf kpi ncp'Nkpi nctcp

Rgtj cncp'f wc'dcpi wp'ncpi nctcp'dgtkww0



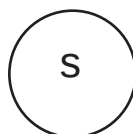
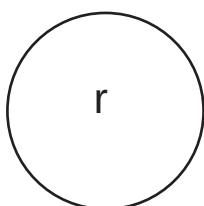
Nkpi nctcp'c'ngdk 'dguct'f ctk'ncpi nctcp'd0



NcVj cp

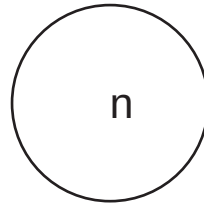
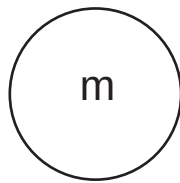
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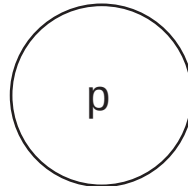
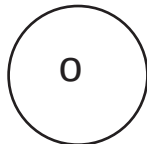
ncpi nctcp'r "" "ncpi nctcp's

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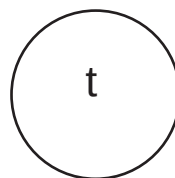
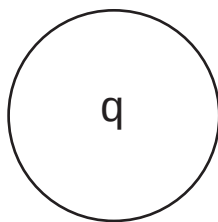
hpi nctcp"m" "hpi nctcp"n

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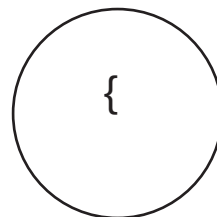
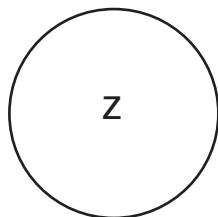
hpi nctcp"o" "hpi nctcp"p

60



hpi nctcp"q" "hpi nctcp"t

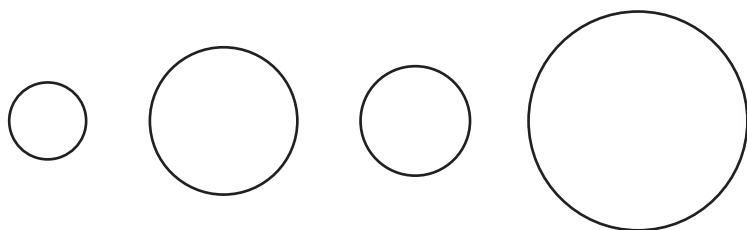
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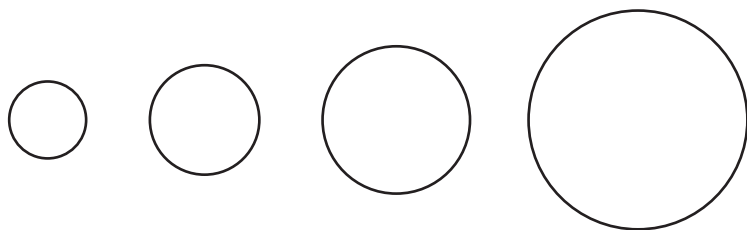
hpi nctcp"z" "hpi nctcp"{"

e0' Ogpi wtwnp'Dcpi wp'Npi nctcp

Eleko go kndcpi wp/dcpi wp'Npi nctcp0



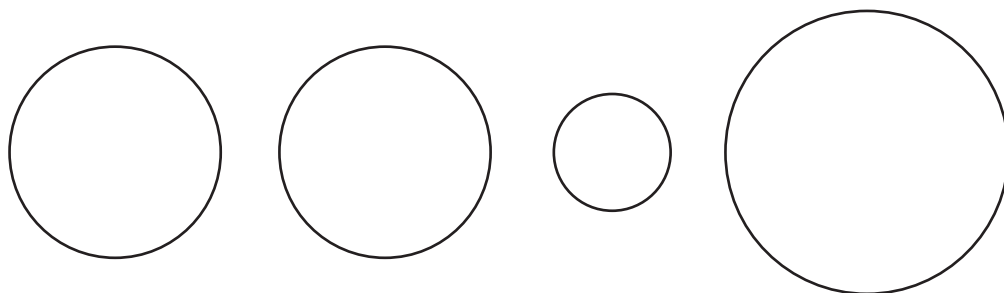
Eleko gpi wtwnpp{c'f ctK{cpi 'vgtngeko



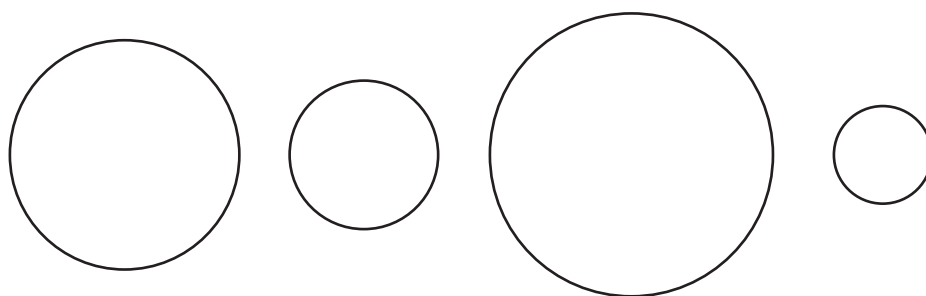
Ncvj cp

C{q'wtwnp'f ctK{cpi 'vgtngeko

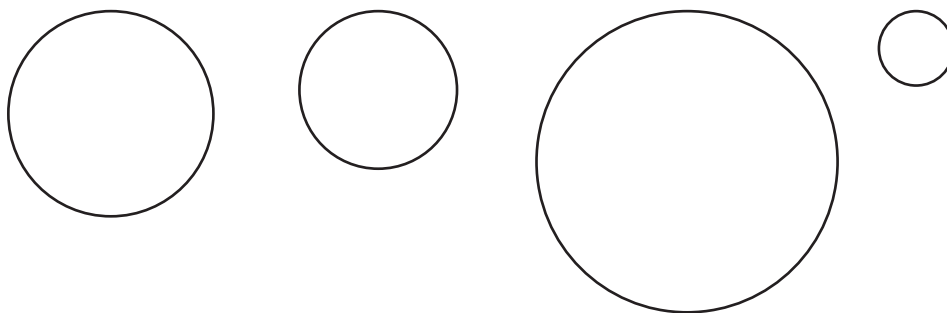
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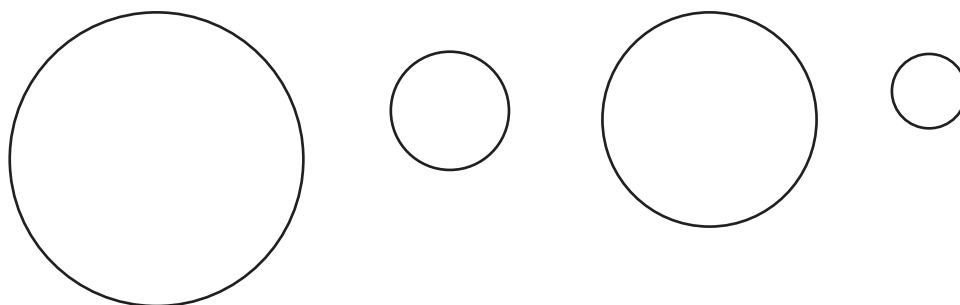
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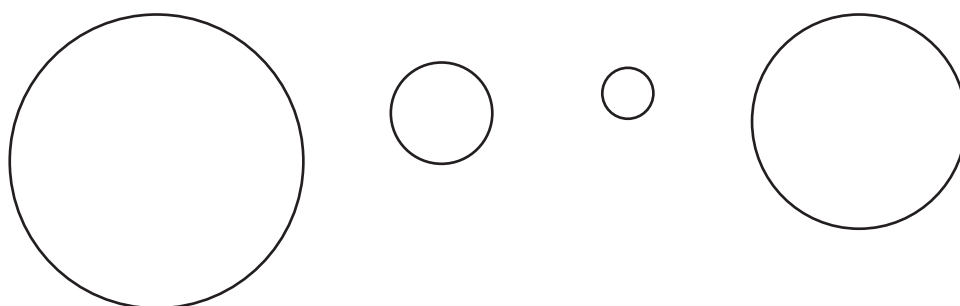
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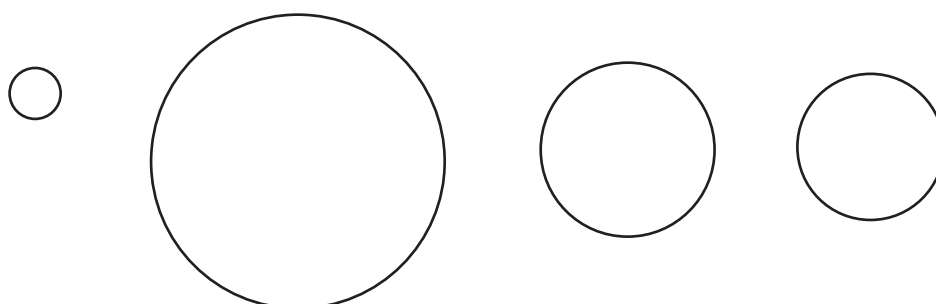
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60



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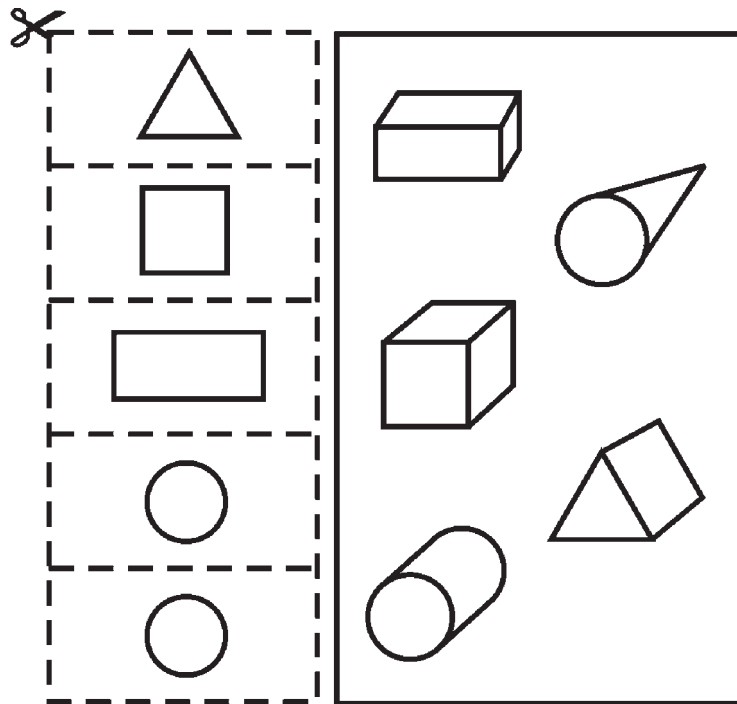
Cmkkcu'Ocvgo cvnc



C{q'rcmncp'f gpi cp'vgo cpo w0

Ucnp'f cp'i wp'pi "dcpi wp'f cvct'f kugdgrej "nk0

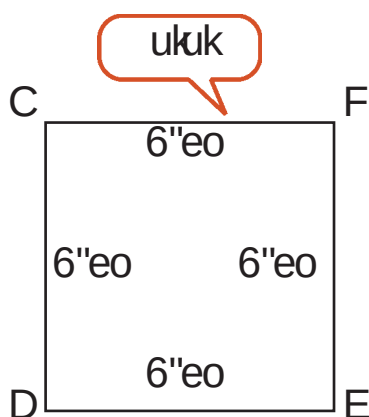
Vgo r gmcpr'f cf c'dcpi wp'f kugdgrej "ncpcp0Vgo r gmcpr'f gpi cp'vgr cv0



D0' Ukuk'Dcpi wp'F cvct

30' Ukuk'Rgtugi k

Rgtj cvncp'r gtugi kdgtkmw0



CD"cf cnej "ukuk'r gtugi k'

DE"cf cnej "ukuk'r gtugi k

EF"cf cnej "ukuk'r gtugi k

CF"cf cnej "ukuk'r gtugi k

Lcf k'r cf c'r gtugi kcf c"6"ukuk0

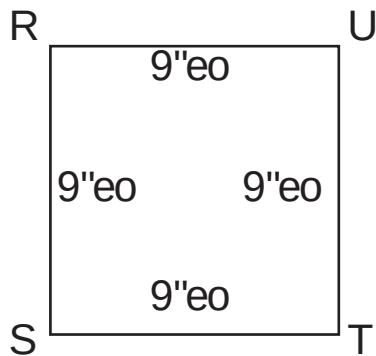
r cplcpi "ukuk'CD"? "DE"? "EF"? "CF"? "6"eo



Ncvi cp

C{ q'ugdwncp'ukuk'gtugi k'dgtkww0

Vgpwncp'r wr'r cplcpi p{ c0



40' UkukRgtugi k cplcpi

Rgtj c'ncp'r gtugi k cplcpi "dgtkww0

CD"cf c'ncj "ukuk'gtugi k cplcpi

DE"cf c'ncj "ukuk'gtugi k cplcpi

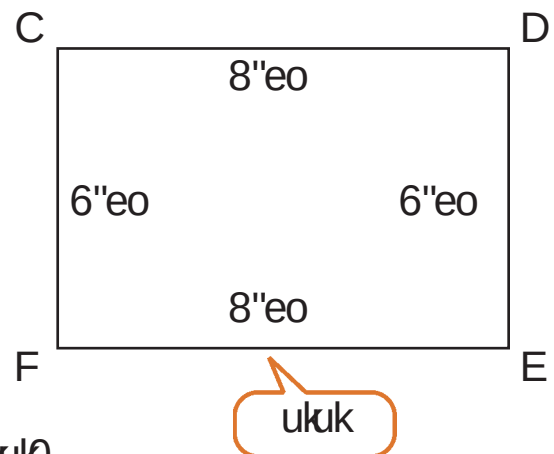
EF"cf c'ncj "ukuk'gtugi k cplcpi

CF"cf c'ncj "ukuk'gtugi k cplcpi

Lcf k'r cf c'r gtugi k cplcpi "cf c"6"ukuk0

r cplcpi "ukukCD"? "EF"? "8"eo

r cplcpi "ukukCF"? "DE"? "6"eo

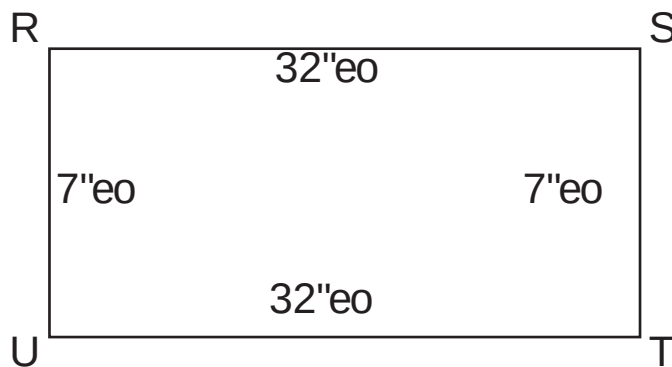




NcVlj cp

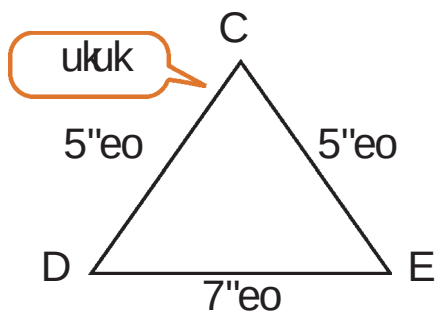
C{ q'ugdwncp'ukukukuk' gtugi k cplcpi 'dgtknw0

Mgo wf lcp'ugdwncp'r cplcpi p{ c0



50' UkukUgi kki c

Rgtj c'ncp'dcpi wp'ugi kki c'dgtknw0



CD''cf cncj ''ukukugi kki c

DE''cf cncj ''ukukugi kki c

CE''cf cncj ''ukukugi kki c

Lcf k'r cf c'ugi kki c'vgtf cr cv'5''ukuk0

r cplcpi ''ukukCD''?''CE''?''5''eo

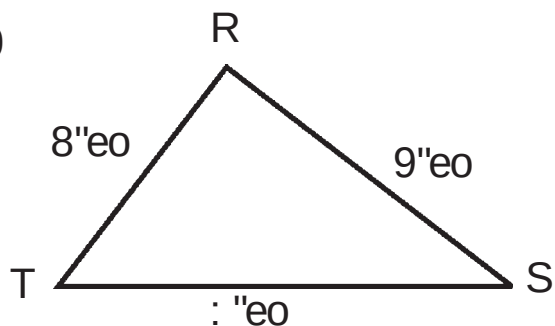
r cplcpi ''ukukEF''?''7''eo



Ncvlj cp

C{ q'ugdwncp'ukuk'ukuk'ugi kki c'dgtkww0

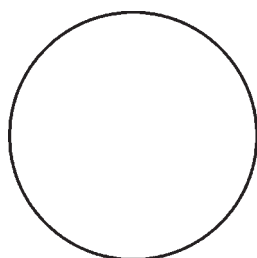
Ugdwncp'r wnc'r cplcpi p{ c0



60' UkukNkpi nctcp

Rgtj c'ncp'dcpi wp'ncpi nctcp'dgtkww0

ukuk'
ncpi ncpi

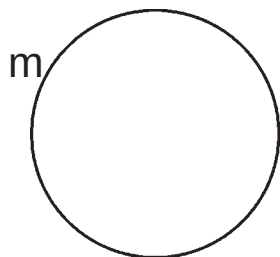


Nkpi nctcp''j cp{ c''o go kkk'3''ukuk'
ncpi ncpi 0



Ncvlj cp

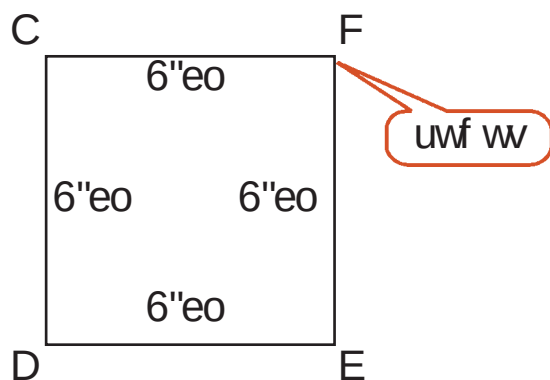
C{ q'ugdwncp'ukuk'r cf c''ncpi nctcp'dgtkww0



E0' Uwf w/Dcpi wp'F cvct

30' Uwf w/Rgtugi k

Rgtj cvkcp"dcpi wp'r gtugi k'dgtknw0



Vkn"C'cf cncj "uwf w0

Vkn"D'cf cncj "uwf w0

Vkn"E'cf cncj "uwf w0

Vkn"F'cf cncj "uwf w0

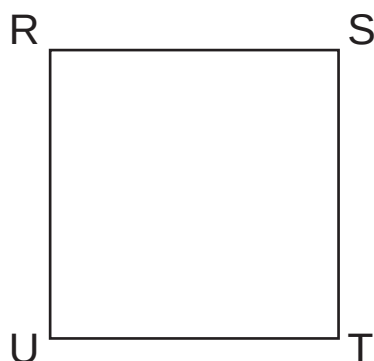
Lcf k'r cf c'r gtugi k'cf c"6"uwf w0

Uwf w'cf cncj "r gtugo wcp"f wc"ukpct"i ctku0



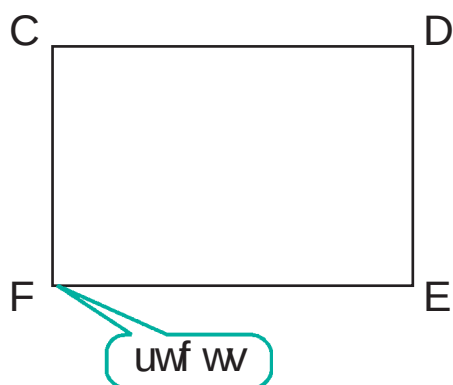
Ncvlj cp

C{ q'ugdwncp'uwf w'r gtugi k'dgtknw0



40' Uwƒ wƒr cf c'Rgtugi k cplcpi

Rgtj cvncp"r gtugi k cplcpi "dgtknw0



vkñC'cf cñj "uwƒ wƒ

vkñD'cf cñj "uwƒ ww

vkñE'cf cñj "uwƒ wƒ

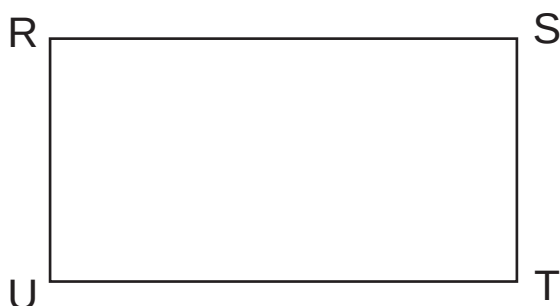
vkñF'cf cñj "uwƒ wƒ

Lcf k"r gtugi k cplcpi "cf c"6"uwƒ ww0



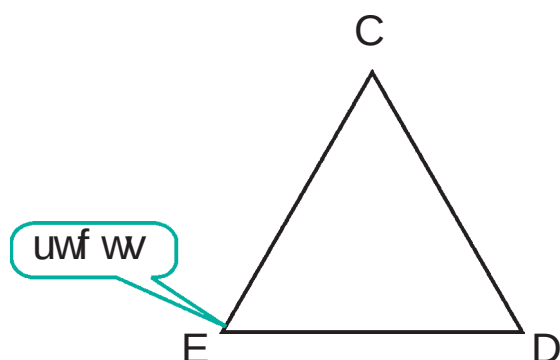
Ncvlj cp

C{ q'ugdwncp'uwƒ wƒr gtugi k'dgtknw0



50' Uwƒ wƒr cf c'Ugi kñ c

Rgtj cvncp"ugi kñ c"dgtknw0



vkñC'cf cñj "uwƒ wƒ

vkñD'cf cñj "uwƒ ww

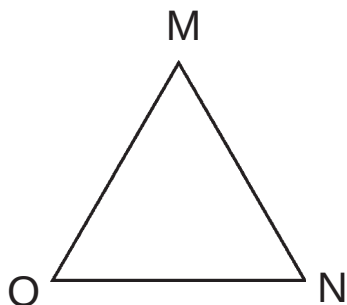
vkñE'cf cñj "uwƒ wƒ

Lcf k"r cf c"ugi kñ c"cf c"5"
uwƒ ww0



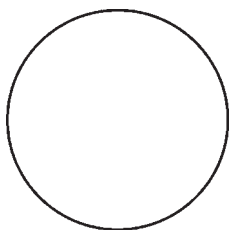
Ncvi cp

C{ q'ugdwncp'uwf w'r cf c'ugi kki c'dgtkmw0



60' Uwf w'r cf c'Npi netcp

Rgtj c'ncp'pi netcp'dgtkmw0



Rcf c'pi netcp'v' cm'gtf cr cv'uwf w0

Cmkku'Ocvgo cvnc



Ugf kncp'ugrgo dct'netqp0'l co dct'ugdwcj "pi netcp0'
Vwplwncp'r cf c'pi netcp'gtugdw'ukup{ c0'Vwplwncp'r wnc"
o gpi cr c'uwf wp{ c'v' cm'cf c0

F0' Ogpi i co dcl'Dcpi wp'F cvct

Mwo r wmcnp""dgpfc/dgpfc"dgtknw0



30' Ogpi i co dcl'Rgtugi k

Dci clo cpcncj "ectc"o gpi i co dcl'r gtugi k0

C{ q"rcmwncp"ngi kvcpc"dgtknw0

Cmkxkcu'Ocvgo cvknc

C{ q"rcmwncp"f gpi cpc'vgo cpc w0

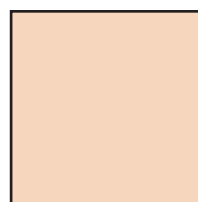
Co dkcj "ugdwcj "mwdwu"o clpcp0



Lk rcncj "r cf c"ugj grckngtvcu0



J culpc{c"cf cncj "ugdci ckdgtknw0



40' Ogpi i co dci'Rgtugi k cplcpi

Dci clo cpcncj "ectc"o gpi i co dci'r gtugi k cplcpi 0

Cmkkcu'Ocgo cvkc



C{q"rcmncp"f gpi cp"vgo cpo w0

Co dncj "ugdwcj "ncvcmo kpo cpo



Lk rcncj "r cf c"ugj grckngtvcu0



J culp{c"cf cncj "ugdci ckdgtkmw0



50' Ogpi i co dci'Npi nctcp

Dci clo cpcncj "ectc"o gpi i co dci'Npi nctcp0

Cmkkcu'Ocvgo cvnc



C{q"rcmncp'f gpi cp'go cpo w0

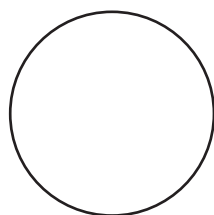
Co dkcj "ugdwcj 'vcdwpi 'ncngpi 'uwuw0



Lk rcncj "cru'ncngpi 'uwuw'r cf c'ngtvcu0'



J culp{c'cf cncj "ugdci c'kdgtkww0



60' Ogpi i co dci'Ugi kki c

Dci clo cpcncj "ectc"o gpi i co dci'ugi kki c0

Cmkxku'Ocvgo cvkc



C{ q'ngtlnep'f gpi cp'vgo cpo w0

Co dkcj "ugdwcj "r tkuo c"ugi kki c0

Lk nmcj "cncu"r tkuo c"ugi kki c"
r cf c'ngtvcu0



J culp{ c"cf cncj "ugdci c'kdgtkww0



Vwi cu



C{ q'ngtlneprcj 0

30" Dwcrcj "7"r gtugi k0

40' Dwcrcj "7"r gtugi k cplcpi 0

50" Dwcrcj "7"ncpi nctcp0

60' Dwcrcj "7"ugi kki c0

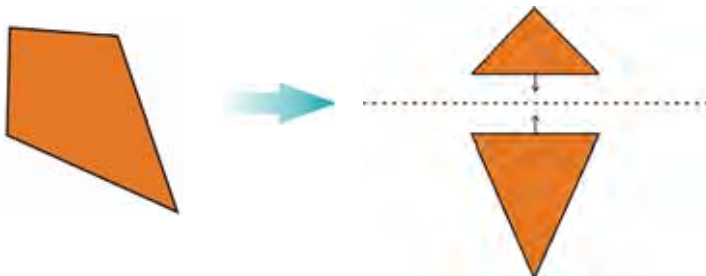
Vgter cp'Ocvgo cvkne



Vcj wne j "ne o w'ne { cpi /ne { cpi 0

Nc { cpi /ne { cpi "o clpcp'ngi go ctc p'cpcn0

Nc { cpi /ne { cpi "f kuwup'f ctK'4'ugi kki c



Eqdc"ne o w'go wne p'ugi kki c"ne kpp { c0



Egto lp'Fkk

30' Cr c" { cpi "f lo cmwf "f gpi cp'r gtugi k0

" Ugdwne p'ukc v/ukc p { c0

40' Cr c" { cpi "f lo cmwf "f gpi cp'r gtugi k cplcpi 0

" Ugdwne p'ukc v/ukc p { c0

50" Cr c" { cpi "f lo cmwf "f gpi cp"npi nctcp0

" Ugdwne p'ukc v/ukc p { c0

60' Cr c" { cpi "f lo cmwf "f gpi cp'ugi kki c0

" Ugdwne p'ukc v/ukc p { c0

T cpi nwo cp

30' Oceco /o ceco "dcpi wp" f cwt" f kcpvctcp{ c"

" r gtugi k

" r gtugi k cplcpi

" npi nctcp

" ugi k k c

40' Rgtugi k'o go k k k v

" uk{k cpi "uco c"r cplcpi

" o go k k 6"ukuk

" o go k k 6"uwf w

50' Rgtugi k cplcpi "o go k k k v

" o go k k k{k cpi "dgtj cf cr cp"uco c"r cplcpi

" o go k k 6"ukuk

" o go k k 6"uwf w

60' Ugi k k c"o go k k k v

" o go k k 5"ukuk

" o go k k 5"uwf w

70' Npi nctcp"o go k k k v

" o go k k 3"ukuk

" v c m'o go k k uwf w

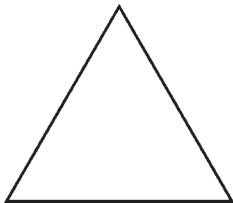


Octk'Ogpi wɛpi 'Dcd'8

C0' Rcucpi nɛpɛj 0



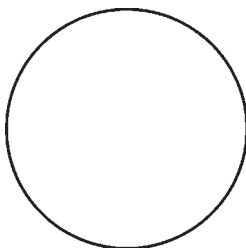
○ npi nɛtcp



○ r gtugi k



○ r gtugi kɛr cplcpi

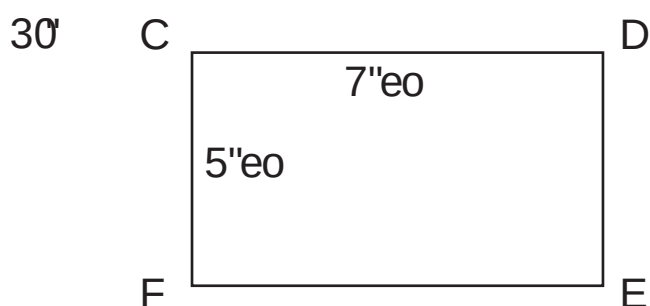


○ ugi kɛ c

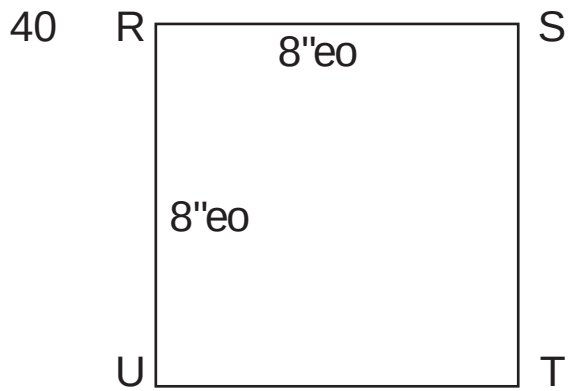
D0' Rkij rj 'c.'d.'cvcw'e'ξ cpi 'vgr cv0

- 30' Ugi k~~ki~~ c"o go k~~ki~~" "ukul0
c0' 6"" " " d0' 5" " " e0' 4
- 40' Rgtugi k cplcpi "o go k~~ki~~" "uwf w0
c0' 6"" " " d0' 7" " " e0' 8
- 50' Rgtugi k'o go k~~ki~~" "ukul0
c0' 5"" " " d0' 6" " " e0' 7
- 60' Npi nctcp"o go k~~ki~~" "ukul0
c0' 5"" " " d0' 4" " " e0' 3
- 70' Ukukr cf c"r gtugi kcf crj ""
c0' dgtdgf c" "
d0' uco c"r cplcpi
e0' { cpi "dgtj cf cr cp"uco c"r cplcpi

E0' Cξ q'ugrguchncp'uqcr'dgt knw0



- " Ugdwnncp"pco c"r gtugi k cplcpi "f kcvcu0
- " Ugdwnncp"r cplcpi "ukukukp{ c0
- " Cf c"dgter c"uwf w'r cf c"r gtugi k cplcpi 0



" Ugdwnncp"pco c"r gtugi kf kcvu0

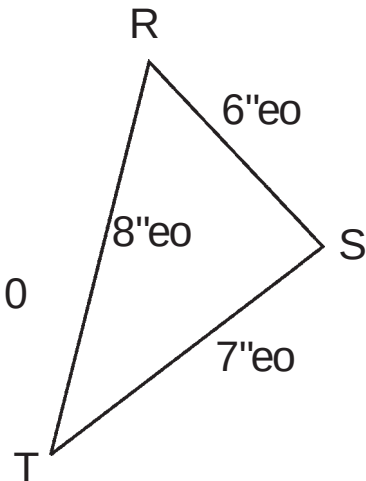
" Ugdwnncp"r cplcpi "ukukukup{ c0

" Cf c"dgter c"uwf w'r cf c"r gtugi k0

50' Ugdwnncp"pco c"ugi k k c" f Kuco r lpi 0

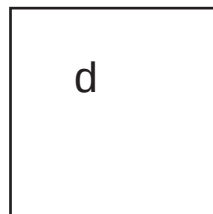
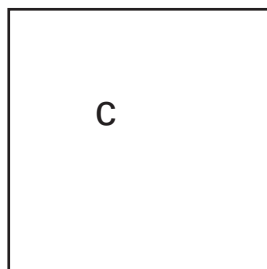
" Ugdwnncp"r cplcpi "ukukukup{ c0

" Cf c"dgter c"uwf w'r cf c"ugi k c0

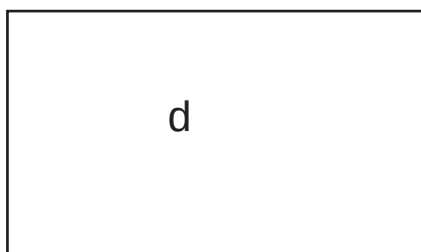
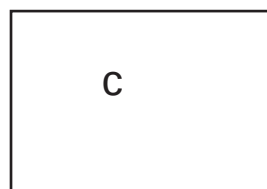


60' dcpf lpi nc p"dcpi wp/dcpi wp"dgtkmw0

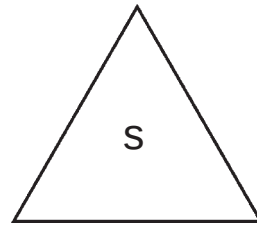
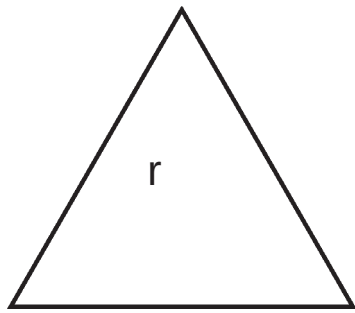
c0



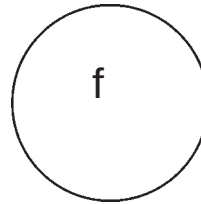
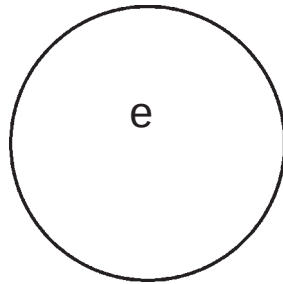
d0



" e0'



" f 0



F0' Mgtlcncprcj 0

30' RcmTwdko go kkkucy cj 0

" Ucy cj p{ c"dgtdgpwnr gtugi k cplcpi 0

" Cf c"dgter c"ukukucy cj "kw0

" Cf c"dgter c"uwf wwr cf c"ucy cj "kw0



40' Flpc"o go k~~nk~~ugdwcj "dgpfc0

" Dcp{cm~~uk~~up{c"j cp{c"30

" Dgpfc"cr cm~~ej~~ "kw0

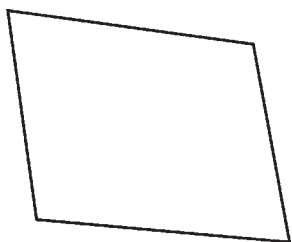
50' Lgr~~unc~~p"uk~~v~~uk~~v~~wdlp0

" Dci clo cpc"ectc"o go cucpi "wdlp0

" Wdlp"kw"j ctwu"gr cv'o go gpwj k~~re~~pvc0

60' Dwc~~v~~ej ""dcpi wp"r gtugi k cplcpi 0'Lwo ~~re~~j "uk~~u~~gr~~wt~~wj p{c"
cf cm~~ej~~ "82"eo 0

70" Fgn~~k~~o go dwc~~v~~r gtugi k~~ugr~~ gtv~~k~~dgtk~~ww~~0



" Cr c"nguc~~re~~j cp"f ctk~~r~~ gngtlccp"Fgn~~k~~0

" C{q"dgw~~m~~ep0

A. Pilihlah salah satu jawaban yang paling tepat.

1. $3 + 3 + 3 + 3 = 12$

Perkalian untuk penjumlahan berulang di atas adalah

- a. 3×4
- b. 4×3
- c. 3×3

2. $12 + 12 + 12 + 12 + 12 = 60$

Perkalian untuk penjumlahan berulang di atas adalah ...

- a. 5×12
- b. 6×12
- c. 12×5

3. $5 \times 14 = 70$

Penjumlahan berulang dari perkalian di atas adalah

- a. $14 + 14 + 14 + 14 + 14 = 70$
- b. $5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 = 70$
- c. $20 + 20 + 20 + 10 = 70$

4. $10 - 2 - 2 - 2 - 2 - 2 = 0$

Pembagian yang tepat untuk pengurangan di atas adalah ...

- a. $10 : 5 = 2$
- b. $10 : 2 = 5$
- c. $5 : 10 = 2$

5. $20 - 5 - 5 - 5 - 5 = 0$

Pembagian yang tepat untuk pengurangan di atas adalah

a. $20 : 5 = 4$

b. $20 : 4 = 5$

c. $5 : 20 = 4$

6. $10 \times 4 = \dots$

a. 40

b. 30

c. 20

7. $19 \times 5 = \dots$

a. 95

b. 10

c. 5

8. $33 : 11 \times 2 = \dots$

a. 6

b. 7

c. 8

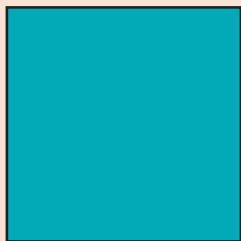
9. $15 \times 2 : 10 = \dots$

a. 3

b. 4

c. 5

10. Perhatikan bangun berikut.



Bangun di atas adalah ...

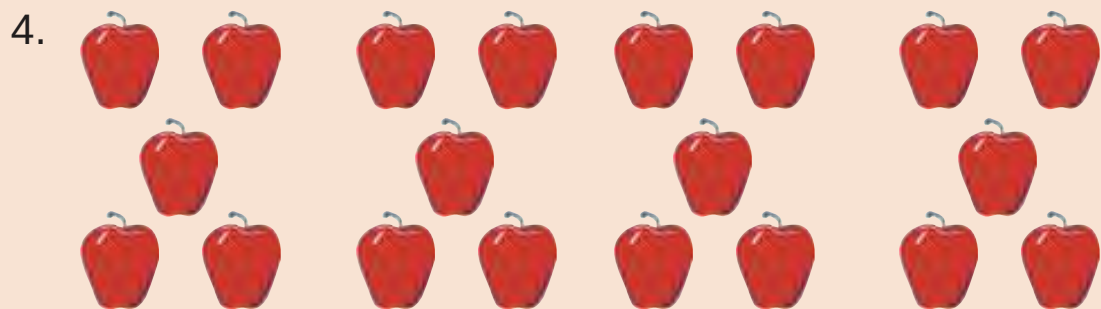
a. segitiga

b. persegi panjang

c. persegi

B. Kerjakanlah soal-soal berikut dengan benar.

1. Ada 14 rambutan.
Rambutan disimpan di dalam 2 keranjang.
Berapa banyak rambutan dalam tiap keranjang.
2. Dini memiliki 4 toples permen.
Tiap toples berisi 12 permen.
Permen dibagikan kepada 3 orang temannya.
Berapakah permen yang diterima oleh temannya.



Tuliskan perkaliannya

5. a. Jelaskan sifat-sifat lingkaran.
b. Apa perbedaan persegi dan persegipanjang.

I nquctkwo

cpcnqi "" uco c"cvw'ugtwr c
dcnqm dcpj wp"{ cpi "ukuk'ukukp{ c"cf cncj "r gtugi k'
r cplcpi
dcpj wp"f cvct" dcpj wp"{ cpi "ugdkf cpi "f gpi cp'dkf cpi "go dctcp"
nqtvcu
dgtecv' dgdqv
dqrc" uguvcw"{ cpi "dgpwnp{ c"dwpf ct
lco "" cncv'wpwn'to gpi wmw't'y cmw
lctwo "lco " r gpwplwn'tcpi nc"r cf c"lco
lwo ncj " dcp{ cnp{ c"dkcpi cp"
ncnqpf gt" r gpcpi i cncp
nqnqpi " r cplcpi "ukuk' cf c"dcpj wp"f cvct0
nqtwev' dgpfc "{ cpi "f kdcuk'f wc"r gto wncp"dgpwn't
vgtqo r gv'f cp'dkf cpi "o gp{ kcpi
nncqi tco " ucwcp"dgtcv
ncoc" y cmw"{ cpi "r cplcpi
nqpi nqpi " uguvcw"{ cpi "dgtmgn'ugr gtv'kdwuwt
nqpi nctcp" dcpj wp"f cvct"{ cpi "o go kdk'ucw'ukuk'f cp"v'f cm'
o go kdk'knuw' w
ncu" y kc{ cj "{ cpi "f ldgpwn'tqncj "uvcw'dcpj wp"f cvct
o cncoc " y cmw'ugvncj "o cvcj ct'kgtdgpcoc 'j lpi i c'b cvcj ct'k'
vgtdkv
o gplk ncm' o gplkw'cvw'o gpeqpvcj
o gvgt" ucwcp"{ cpi "f k' wpcncp"f cncoc "r cplcpi
r ci k' y cmw'o cvcj ct'kgtdkv

r cplcpi "	"lctcnp{ c"lcwj "f ctKwlpwpi "ng"wlwpi
r gpf gmř	"lctcnp{ c"f gmcvř ctKwlpwpi "ng"wlwpi
r gtugi k'	dcpi wp"f cvct"{ cpi "nggo r cv'ukup{ c"uco c" r cplcpi "f cp"nggo r cv'uwf wp{ cukw/ukw
r gtugi kř cplcpi "	dcpi wp"f cvct"{ cpi "o go kdk' ugr cucpi "ukuk' uglclet"uco c"r cplcpi "f cp"nggo r cv'uwf wp{ c" ukw/ukw
r tkuo c"	dgpfc"twcpi "f gpi cp"f wc"r gto wncp"uglclet" { cpi "ugi ldcp{ cmřugi ldcp{ cmřr gto wncp"{ cpi " ncpp{ c"lcletl gplcpi
ugi lgo r cv'	i co dct"gtwwwr "{ cpi "o go kdk'6"uwf ww
ugi kř c"	i co dct"gtwwwr "{ cpi "o go kdk'5"uwf ww
ugdgpvct"	y cmw"{ cpi "egr cv
vqr ngu"	vgo r cv'o gp{ k r cp"r gto gp"f cp"o cmcpcp" tlpi cp

Fchct'Rwuvnc

DUPR042280Uwcpf ct"Mqo r gvgpukf cp"Mqo r gvgpukF cuct"4228"
Ocv<"Rgrlctcp"Ocvgo cvk<"UF 10K0Lcnc<v<Fgr f kncu0

Ej qqp"J qpi 'Vc{.'gw0Cn03; ; ; 0Ocy go cvku'Egwpw'Hqt'Ugeqpf ct{"
*6+0Ukpi cr qtg<Hgf gtcnRwdnecvqpu0

Eqr grpf ."T0Y 03; 9; 0J qy 'Ej kf tgp'Ngctp'Ocy go cvku<Vgcej lpi "
k6 r necvqpu"qh'Rlci gv,u"Tgugctej ""gf kuk'ng/5+0Pgy "[qtn<Oceo kncp0

Eqwtcp0T lej ctf 'f cp"J gtdgtvT qddlp03; : 30Y j cvku'Ocy go cvkuA"
Nqpf qp<Qzhqtf "Wpk<gtuk<"Rtguu0

Gf y kp"G0Oqkug."gw0Cn03; : 40' / gqo gv{0'Ecnkqtpk<Cf f kuqp/
Y gung{"Rwdnuy lpi "eqo r cp{0

Gpectv<"Dtkcpplec"42280

Gpectv<"Gpef emr gf k"42280

Gpectv<"Tghgtgpeg"Ndtct{"42270

J qtkdc."[03; : 80Ocy go cvku0Lcnc<vkc"Rwuvnc0

Mctgp'C0Uy cpuqp'f cp'Octek'N0Uy cpuqp042220Ocy go cvku'hqt"
gnggo gpvct{"Vgcej gtu0Pgy "[qtn<Lqj p"Y kq{"("Uqpu0kpe0

My ck'Up042240Gzr ntkpi 'Ocy go cvku"4C0Ukpi cr qtg<UPR'Rcp"
Rcekke"Rwdnuy lpi 0

Ocwgtuj gcf ."Nqtclpg0'3; : 80'kpxguk cvkqp"qp"Ocy go cvku0
Nqpf qp<Qzhqtf "Wpk<gtuk<0

Tg{u."T0G0"Uw{f co ."gw0'cn0'3; ; : 0'J gnr lpi "Ej kf tgp"Ngctp"
Ocy go cvku"*gf kuk'ng/8+0Dquqp<Cm{p"cpf "Dceqp0

Twdgpuglp."Tj gvc"P0"gw0'cn0'3; ; 70'kpgi tcvgf "Ocy go cvku"K0
Dquqp<Oe'Fqwi grNkgnlkpe0

Twughnpgf k"G0'42290'Fcuct/Fcuct"Ocvgo cvknc"Oqf gtp"f cp"
Mqo r wgt"wpwni' wtw0Dcpf wpi <Vctukq0
Uqqvj qpi "J qq."gv0'42230'Pgy "Cf f kqpcr'Ocvj go cvku0
Ukpi cr qtg<Rcp"Rcekhe"Rwdhecvkpu0
Ur gtnpi ."C0'R0'f cp"Uco wgrF0'Ngxkuqp03; : : 0'Ctkj o gve"Ocf g"
Uko r ng0Pgy "[qtm<Fqwdngf c{0

Мүректелген сөздер

OctkOgpi wæpi 'Dcd'3

*j cœo cp"43+

D0

30' e

40' c

50' d

60' c

70' c

OctkOgpi wæpi 'Dcd'6

*j cœo cp"332+

D0

30' d

40' e

50' d

60' e

70' c

OctkOgpi wæpi 'Dcd'4

*j cœo cp"69+

D0

30' d

40' c

50' e

60' c

70' d

WkMgo co r wcp'3

*j cœo cp"337+

30' d"

80' c

40' c"

90' d

50' d"

: 0' e

60' c"

; 0' e

70' c"

320'e

OctkOgpi wæpi 'Dcd'5

*j cœo cp"92+

D0

30' e

40' d

50' c

60' e

70' c

Dcd'7

D0

*j cœo cp"364+

30' e"

80' d

40' d"

90' e

50' d"

: 0' e

60' c"

; 0' d

70' c"

320'c

Dcd'8

D0

*j cꞤo cp"3: 3+

30' d

40' c

50' d"

60' e

70' d

WkMgo co r wcp"4

*j cꞤo cp"3: 7+

30' d" 80' c

40' c" 90' c

50' c" : 0' c

60' d" ; 0' c

70' c" 320'e

Pintar Bermatematika

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