NAIPANG HEI

INTHEM CHUK NASIK

SURSŌT RABU

IN KOM

Introduced and published by:
M. Sherkhopao kom,
Ex-Teacher, Ichum Keirap Village

INTRODUCTION

Hiva lairek rabu kasintek hi nitong ah naipang hei inthem chuk sik jar-rah leh, nitong (Mathematic/ Angka) hi arahming inchen khet dasik madu jar- rah, arahming hi **SURSOT** tia kahei ronsot ka-e,Eini Literature committee hei leh kahoi katha inbek intok na, kanlei neitor mak jo num kei mandon na inkhat a Raleichung nei nak rakip hi Angka vanga ansur sot pet achang jar-rah, **SURSOT** rabu tia kaheihmang ka-e. khavajar-rah ama rahming hlop et kahei pek ka-e. Kha hei khachu athoi ja hei hi ka-e:

Angka,Mathematic	= SURSOT
Time Table	= SURKOP
Tensinba	= SURPUN(+)
Khaidokpa	= SURTHEN(-)
Puriba	= SURPUNG(x)
Jennaba	= SURSEM(÷)
Science	= SUR-BILIC
Geometry	= SURTHEK
Algebra	= SURTHLEP.

1. Raleichung leh boirok a kaom neinak rakip hi angka vanga ansur sot pet achang jar-ah, angka hi eini tong a SURSOT rabu tia kahei ron sot kae.
2. Time table hi niteipha leh akop akop ah ni sur-ra, nitei achang jar-rah, SURKOP kahei ti kae.
3. Tensenbahi (+) nisur-ra nimanpun achang jar-ra SURPUN kahei ti ka-e.
4. Khaidok pa (-) hi nisur-ra nithen achang jar-ra SURTHEN ka hei ti ka-e.
5. Puriba (X) hi nesur-ra nimanpung achang jar-ra SURPUNG kahei ti ka-e.
6. Jennaba (÷) hi nisur-ra nisem achang jar-ra SURSEM kahei ti ka-e.
7. Science inti hi hei rakip inritaka Sursotna chungkatong achang jar-rah, SURBILIC kahei ti ka-e.
8. Geometry inti hi nisur-ra adung avai ja thek lele na achang jar-ra SURTHEK kahei ti ka-e.
9. Algebra hi nithlep lele a a,b,c hei leh nihmang sap achang jar-ra SURTHLEP ka hei ti kae.
10. Neinak tei na hi, tenlai re-upa hei taleihmang nitong maro hi kadik lhek tia kalo jar rah, atei den hi, somleh inkhat kanek a somhleikhat, hi atong sedan in nem jok tia kalo. Khava jar-rah, somhleikhat, somhleinhi, somhleithum, somhleimanli, tia hin ten lai ja antalei hmanghi hmang rih tia kahei ron sot ka-e. Hi hei rakip hi eini kara lairik kathem B.A., M.A , Ph.Doctorate kahmu nizat, Literature sik a malung ka hlut leh rahnak a antang Literature Committee hen katha neng inritak a anta jong sui pek mea ala kahong sik teson-tere khangther hei tahong thet chom pui sik leh khanchu vanhoi ralei sing leh var themna rakip ah, mi hei leh anhon angtor nasik a sempek hei rih ti hi keilung tup kahei phong sot ka-e . Pathen nin kom Literature leh Komrem zat hei chunga maham that vang bok ro soh.

"LUNGDO MAN ENNA"

Pu M. Sherkhopao Kom in naipang hei inthem chuk nasik "**SURSOT**"(Angka) tia asun lairik rabu te hi katha. Katei jah, sursot ati hi kadik her. Sursot tei loa arahming lak man ron sik hi ommak tia kalo. Ajarchu mihring hen nimandon leh tlona rakip a sursot (Mathematic) hi apui karon penna antang thak kae. Hiva sursot jaoloa chu ton haite inphut theimak, khan inchai jum inchai thei mak. Khan sursot inti tong rame him, hmun rakip a anchen hlak a manhret natong rame ka-e.

Khava jarra hiva lairik '**Sursot rabu**' hi eini kom Literature Committee hen num ni rahlang pek a nihmang sik a kamadu.

Shillong   **L.Pakhup**
2nd **July 2007**.   **Purum Likli Village**.

Time table	=Surkop
Tinsenba	=surpun (+) Plus/ Addition
Khaidokpa	=surthen (-) Minus/subtraction
Puriba	=surpung (x) Multiplication
Jennaba	=sursem (÷) Divide
Science	=Surbilic
Geometry	=Surthek
Algebra	=Surtlhep.

Ajateina:-

1-inkhat	11- Somhleikhat	21-Somhnihleikhat	31- Somthumhleikhat
2. Inhni	12- Somhleihni	22-Somhnihleihni	32- Somthumhleihni
3. inthum	13- Somhleithum	23- Somhnihleithum	33- Somthumhleithum
4. Manli	14- Somhleimanli	24- Somhnihleimanli	34- Somthumhleimanli
5. Ranga	15- Somhleiranga	25- Somhnihleiranga	35- Somthumhleiranga
6. Karuk	16- Somhleiruk	26- Somhnihleiruk	36- Somthumhleiruk
7. Sari	17- Somhleisari	27- Somhnihleisari	37- Somthumhleisari
8. Karet	18- Somhleiret	28- Somhnihleiret	38- Somthumhleiret
9. ko	19- Somhleiko	29- Somhnihleiko	39- Somthumhleiko
10. Som	20-Somhni	30- Somthum	40- Sommanli

41- Sommanlihleikhat
42- Sommanlihleihni
43- Sommanlihleithum
44- Sommanlihleimanli
45- Sommanlihleiranga
46- Sommanlihleiruk
47- Sommanlihleisari
48- Sommanlihleiret
49- Sommanlihleiko
50- Somranga

1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,
33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62
,63,64,65,66, 67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89,
90,91,92,93,94,95,96,97,98,99,100.

1	**Inkhat**
10	**Somkhat**
100	**Rajakhat**
1000	**Lisingkhat**
10000	**Lisingsom**
100000	**Lakhakhat**
1000000	**Lakhasom**
10000000	**Kotikhat.**
100000000	**Kotisom**
1000000000	**Teihmak.**

SURKOP

(1)

1X1=1 inkhat hmun khat inkhat.
1X2=2 inkhat hmun hni inhni.
1X3=3 inkhat hmun thum inthum.
1X4=4 inkhat hmun manli manli.
1X5=5 inkhat hmun ranga ranga.
1X6=6 inkhat hmun ruk karuk.
1X7=7 inkhat hmun sari sari.
1X8=8 inkhat hmun ret karet.
1X9=9 inkhat hmun ko ko.
1X10=10 inkhat hmun som somkhat.

(2)

2X1 =2 inhni hmun khat inhni.
2X2=4 inhni hmun hni manli.
2X3=6 inhni hmun thum karuk
2X4=8 inhni hmun manli karet.
2X5=10 inhni hmun ranga somkhat.
2X6=12 inhni hmun ruk somhleihni.
2X7=14 inhni hmun sari somhleimanli.
2X8=16 inhni hmun ret som hlei ruk.
2X9=18 inhni hmun ko som hlei ret.
2X10=20 inhni hmun som somhni.

(3)

3X1=3   inthum hmun khat **inthum.**
3X2=6   inthum hmun hni karuk.
3X3=9   inthum hmun thum **ko.**
3X4=12 inthum hmun manli **som hleihni.**
3X5=15 inthum hmun ranga **som hlei ranga.**
3X6=18 inthum hmun ruk **som hlei ret**
3X7=21 inthum hmun sari **som hni hlei khat.**
3X8=24 inthum hmun ret **som hni hlei manli**
3X9=27 inthum hmun ko **som hnilei sari.**
3X10=30 inthum hmun som **somthum.**

(4)	**(5)**	**(6)**	**(7)**
4X1=4	5X1=5	6X1=6	7X1=7
4X2=8	5X2=10	6X2=12	7X2=14
4X3=12	5X3=15	6X3=18	7X3=21
4X4=16	5X4=20	6X4=24	7X4=28
4X5=20	5X5=25	6X5=30	7X5=35
4X6=24	5X6=30	6X6=36	7X6=42
4X7=28	5X7=35	6X7=42	7X7=49
4X8=32	5X8=40	6X8=48	7X8=56
4X9=36	5X9=45	6X9=54	7X9=63
4X10=40	5X10=50	6X10=60	7X10=70

(8)	**(9)**	**(10)**	**(11)**
8X1=8	9X1=9	10X1=10	11X1=11
8X2=16	9X2=18	10X2=20	11X2=22
8X3=24	9X3=27	10X3=30	11X3=33
8X4=32	9X4=36	10X4=40	11X4=44
8X5=40	9X5=45	10X5=50	11X5=55
8X6=48	9X6=54	10X6=60	11X6=66
8X7=56	9X7=63	10X7=70	11X7=77
8X8=64	9X8=72	10X8=80	11X8=88
8X9=72	9X9=81	10X9=90	11X9=99
8X10=80	9X10=90	10X10=100	11X10=110

(12)	**(13)**	**(14)**	**(15)**
12X1=12	13X1=13	14X1=14	15X1=15
12X2=24	13X1=26	14X2=28	15X2=30
12X3=36	13X3=39	14X3=42	15X3=45
12X4=48	13X4=52	14X4=56	15X4=60
12X5=60	13X5=65	14X5=70	15X5=75
12X6=72	13X6=78	14X6=84	15X6=90
12X7=84	13X7=91	14X7=98	15X7=105
12X8=96	13X8=104	14X8=112	15X8=120
12X9=108	13X9=117	14X9=126	15X9=135
12X10=120	13X10=130	14X10=140	15X10=150

SURPUN(+)

(1)20+10+15=? (2)11+14+13=? (3)32+6+50+20=? (4)80+20+17=? (5)5+17+19+10=? (6)1+2+3+4+5=? (7)90+30+10=?(8)105+82+100=? (9)210+157+204+103=? (10)530+710+1030+1910=? (11)1820+3500+1098+600=?(12)1342+812+987+600=?

SURTHEN(-)

(1)4-2=? (2)6-4=? (3)8-4=? (4)10-5=? (5) 20-12=? (6) 22-12=? (7) 35-25=? (8) 49-32=? (9)104-90=? (10) 270-92=? (11) 2010-1111=? (12) 4288-2670=?

SURPUNG(X)

(1)2X2=? (2)2X5=? (3)5X4=? (4)20X5=? (5)10X2=? (6)50X3=? (7) 60X4=? (8) 72X4=? (9) 85X6=? (10)94X7=? (11)110X8=? (12) 120X9=?

SURSEM(÷)

(1)8÷2=? (2)10÷5=? (3)9÷3=? (4)16÷4=? (5)45÷5=? (6)60÷12=? (7)100÷10=? (8)108÷4=? (9)140÷20=? (10)1010÷10=? (11)2100÷5=? (12)3330÷3=?

ATONGRAMEA SURPUN KATHEINA SURPUN(+)

(a)Nupui thum min an ngasur kha man chun pet mesona in-ang tling ah sem rih antia an man chun jo, ahma in keinu tasur kha nga somthum ka-e, aban na nu ta sur kha nga somhni leh ranga ka-e, a-inthum tluk nanu tasur kha nga somthum leh ranga ka-e.An chun pet a nga hai ja jo mo?

(b)Rengthei bi kathlo pase inkhat pan a-rengthei kahmin kha hmatak pumranga aronna khan pum manli aron noka avoithum tluk na pumthum rok aronjo.Voithum aron rengthei kha an chun pet a pum hei ja mo?

(c) Renghmei nu inkhat in arpui inthum adon,arpui inkhat kha abang ka-e. inkhat kha adum ka-e. khan inkhat kha ate ka-e Akabang nun ratui karuk athlak –a,akadum nun ratui manli athlak a khan aka-te nun khan ratui ranga atlak anchun pet a Artui hei ja jo mo?

(d) Pase inkhat in kher sei vang ansui pon khangna tlatlim manli Bazar (jortlang) hmun na ajor ra, tlatlim inkhat a dangka cheng somkhat a ajor rah,abanna kha dangka cheng ret a ajor-ra,alak inhni kha chu dangka chengruk sam akhon na ajor jo.Anchun pet a dangka cheng hai ja mo akhon jo?

(e) Ram ma thing kok sunga ka-om ma an hram ri to ke sun khata voi thum in hram mah ahma in kei pen na anhram ma khan toke toke tia voisari inhram abanna anhram nok akhan voi ruk inhram,achai napen na anhram khan chu voimanli rok inhram jo.An chun pet a voi haija mo to ke kha anhram?

(f) Saking kang inkhat hin raki inkhat rok anei khan setling inchu raki inhni sam an nei.Sakingkang sari leh Setling karuk raki ni man chun in chu raki hai ja jo mo?

(g) Pase inkhat pan,thei-khong chom kara karet,solhu kara ko,makei kara somhlei khat khan Perte kara ranga athet jo,An chun pet a thei kara hai ja jo mo?

(h) Pase inkhat in tui dung-ah ngoi thlong adoa,angoi thlong sunga khan Ngatun karuk,Ngahra manli,Nga-hnur in hni.Nga-mi in khat,Nga-bor inhni,Ngasen inthum,Nga-thlei in hni leh Nga rahle somkhat lei ka hlut jo.Angoi tlhong sunga nga kha anchun pet a hai ja jo mo?

(i) Pase inkhat in tui dung-ah len avor-ra alen sunga khan nga-pum somkhat,nga-sang karet,pher-bor somhlei-ranga.Hmonghle nga karuk.Nga mange ranga,Nga chai chir somkhat,Nga-toinu somhlei-inhni amakhu sot a asur,Alen sunga nga kha an-chun pet ah aja hai jatuk mo katam?

(j) Nupui inkhat in are sunga,pon-tlhe (pasepon) tlhep thum,hmu-kham-zar ranga,pon-kokhoi tlhep sari leh nuhmei pon tlhep hni ada jo.Anchun pet a pon tlhep haija mo adajo?

ATONG RAMEA KA-OM JONG SOTNA.

SURTHEN(-)

(a) Mipa inkhat in ara-hon sunga komala kungsom anei komala kung-khat-a pum ranga sam inra.Akara athet peta pum somthum ajor jo.Ajorbang pum haija mo ala ka-om?

(b) Nupui inkhat nun kholei khat hin pat-sai vang a sei sa pat kha pat jon na asyem ah somret aman jonsot,aman-jon sa-pat jon kha rahmui vang pat jon somthum kha akei ah pat hlum aman chang jo.Akei-bang pat jon hai jamo jon-ze vang aka-jea ada?

(c) Pase inkhat pan ara hon na Rakum thing leh sokte thing somsari aling jo.kava karrah khan rakum thing somthum leh ranga ka-e.En chu sokte thing hai ja jo mo?

(d) Mi nu inkhat hin akum som ranga leh in hni atluk kumtak ahin hmoi aneijo, ahmoinu kum neka ama kum kha kumsom thum lhei khat a atam jok in chu ahmoi nu kum kha haija jo mo?

(e) Pase inkhat hi asa-lutir antet ningtak ahin akum somhnilhei karet jo ka-e.ama kum somranga atluk jon chu asa lutir kha kum hai ja mo aphak sik jo?

(f) Ramkhat ahin sakhi somthum leh inhni ka-om hivasunga hin humpui jin karuk atha jo,bongkhat soa kahne hen sari antha nok jo.Tu nahin sakhi hai ja mo ala-ka-om hei?

(g) Pase inkhat pa hin ahrat lai tak komala rajaranga aron-tor kum tha hrep soa chu komala rajathum leh som manlirok aron-tor jo.Ahrat lai ratha leh tuna ara tha kha komala pum hai jo a mo ankar-jo?

(h) Pase inkhat pa hi alu hong ning tak hin amakum neka anuhmei kumhi kumret a katlom jok. Enchu amakum somranga leh inhni atluk ning hin anu hmei kum hai ja sik mo?

(i) Thei-suvor kung khat a akara somsari inra tak kha tlhi inhnak tak kahrang khan akara somthum leh sari amanthi jo.Tun hin akara hai ja mo akunga alan ra?

(j) Intlung inkhat a pa tlung somthumleh sari kapar.Nupui inkhat in ahmua apar katha seng somhni leh inthum asot ah ahei ron jo.Tunna hin patlung hai ja mo intlunga khan alaka-om?

(a)Nopak kung inkhat a nopak kara sari sam inra.Nopak kung somthum ma nopak hai ja mo anra sik?

(b)Hmei khet bom khata arajang somranga sam a-om inchu hmei khet bom sari ara jang hai ja mo ka-om sik jo?

(c)Hlamlen hi kilometer inkhat meter lising khat a en chu kilometer somleh inhnia meter hai ja sik jo mo?

(d)Vokpui inkhat hi kum khat a voi hni antet jon chu.kum ranga sunga voi hai ja mo ante sik?

(e)Tlha khatani som thum sam a-om jon chu tlha ruk a ni hai ja mo ka-om sik jo?

(f)Kum khat a tlha som leh tlha hni aom jon chu kum ret a tlha hai ja mo aka om sik jo?

(g)Sunkhat a pung som leh pung hni sam aom jon chu sun ka ruk a pung hai ja mo ka-om sik jo?

(h)Kum khat a kani kho raja thum leh somruk leh ranga aomjon chu.kum manli a kani kho hai ja mo ka-om sik jo?

(i)Pase inkhat in sun khat sung-a kilometer som manli sam ahro tor jon chu. Sunruk sunga kilometer hai ja mo ahro tor sik jo?

(j)Sasai kilo inkhat hi mi inthum sam min an sak jon chu sasai kilo somleh sari hi mi hai jan mo anta sak sik jo?

(1)Komala raja khat kha miranga nisempek hen chu haija ja a mo anta chen sik?

(2)Allu kilo khat ka hrik hi mi som khat a nisem pek hen chu,gram haija sam a mo anta chen sik jo?

(3)Litre somhni kaken gelon khat kerosin thei mihring somkhat in an in sem jon chu litre hai ja sam a mo anta chen sik jo?

(4)Mi-rup khat mirhing somhni hin Bus inkhat reserve antlo.reserve tlo man kha dangka rajaret ka-e.Mi inkhat in hai ja sam mo anta kadom sik jo?

(5) Artok ratui rajakhat le inhni hi mi inthum min an sem min chu hai ja sam mo anta chen sik jo?

(6) Hmoi thoi revei katlo pa inkhat in amibek mantup mi reija ranga(500) hei sik a komala lisinghni arachok a adajo.An hontup phat akhan komala kha asem pek hen chu hai ja sam a mo anta chen sik jo?

(7) Mika hao pa inkhat in aton katlo sik mi som ranga a man roi jo.Kholei anton tlo nasik phat anchai phat a anratha man apunna dangka cheng lisingkhat leh raja ranga apek jo hei.Mi inkhat in hai ja sam mo anta chen sik jo?

(8) Oija pu inkhat in a school naipang Rajakhat leh som hni hei anitin inkhat khat a sem pek sik a mithai sang raja sari leh som hni arachok a ada jo. Anmithai kha ni hai ja mo asem pek sik jo hei?

(9) Nupui inkhat nun Christmas sik ting avok veipet vok che inkhat ajora aman dangka cheng lising hni leh cheng manli akhon jo.Asahei inthum von rachok na sik a,Aupapen kha chenthum apek a abanna milai kha chen hni apek-a akasin pen kha chen khat apek a asempek jo hei.Dangka cheng hai ja sam mo anta chen sik jo?

(**10**) Jong kadon pa inkhat in ajong don hon katam jong jam som manli kha mot sang raja hni asem pek hen chu hai ja sam mo anchen sik jo?

(1) Rether inthum hi thing lerke in er hei , akahrat pen pa kha feet(setuk) somleranga kaketor, aban inhni tluk napa kha akahret pa ketor na semthum ma sem ma sem hni kake tor akahrat pen mak pa kha inhni tluk napa ketor na sem hni a sem khat rok ka ketor jo.Inhni tluk napa leh inthum tluk napa kha feet hai ja sam mo akaketor hei?

(2) Rether inkhat hi apa kum som manli leh inthum kuma hin nuhmei anei jo. Kum khat soa hin nai sapa inkhat nei jo.Asapa nuhmei kanei pa kum hi atupa leh apu inkar nakum kha sem hnia nisem ma semkhat hrep ka-e.Kum heija jo mo?

(3) Thonsa inhni ser kahlo kase jo hei inkhat pa khan ton rahnak hlek a atlo a ni khat ser dangka chengsom ahlo jo.Athon pa khan chu jam ma atlo-a ser dangka cheng ranga rok ahlo jo. Khangin khan nisomthum sunga inkhat pan dangka cheng rajathum ahlo-a inkhat pakhan dangka cheng rajakhat leh som ranga rok ahlo jo.Inkhatpa khan athonpa tahlo jat kha man phak nger rong atin chu anok khat a tlha a nikhat a hai ja sam hlo na mo atlo sik jo?

(4) Pase inhni kilometer som ra nga inhla ka-om hei,hai mokhat jar-rah inrang tak a injonto a in hmu to sik a tong inpe jo hei, aphat intok hrep a injon to jo hei niso tinga pa hin pungkhat a kilometer inhni sam ahro khan tlai tlak ting a pa hin pung khat a kilometer inthum sam ahro a injon to jo hei.An inhni a an inphut na inphut kilometer hai ja sam mo an hro pha leh an hmu to sik jo hei?

(5) Khoi rangui inkhat in pase inkhat pa inn buling kalo-a avea vekhat ave nahin second 120 kahlut jo vesom thum ave in chu minute hai ja pung hai ja mo ka hlut sik?

(6) Pase inkhat pan sasai hi voikhat ron na k.g.30 sam aron na ka-e.sasai quantal 6 hi voi hai ja mo aron sik?

(7) Pase inkhat pa hin komala akatluk set aron na meter 50 a kai voi khat inthum ri.Aen chu kilometer inkhat sunga voihai ja mo anthum sik?

AJEA SOR SOT(ANSWER)

SURPUN(+) ANSWER:
(1)45 (2)38 (3)108 (4)117 (5)51 (6)15 (7)130 (8) 287 (9) 674 (10)4180 (11)7018 (12)3741

SURTHEN(-)
(1)2 (2)2 (3)4 (4)5 (5)8 (6)10 (7)10 (8)17 (9)14 (10)178 (11)899 (12)1618

SURPUNG(X)
(1)4 (2)10 (3)20 (4)100 (5)20 (6)150 (7)240 (8)288 (9)510 (10)658 (11)880 (12)1080

SURSEM(÷)
(1)4 (2)2 (3)3 (4)4 (5)9 (6)5 (7)10 (8)27 (9)7 (10)101 (11)420 (12)1110

ATONGRAMEA(ANSWERS)

SURPUN(+)
(a)90 (b)12 (c)15 (d)30 (e)17 (f)19 (g)33 (h)30 (i)66 (j)17

SURTHEN(-)
(a)20 (b)50 (c)35 (d)21 (e)22 (f)19 (g)160 (h)44 (i)33 (j)14

SURPUNG(X)
(a)210 (b)350 (c)12000 (d)10 (e)180 (f)96 (g)72 (h)1460 (i)240 (j)51

TONGRAMEA SURSEM(÷)
(1)20 (2)100gram (3)2litres (4)Rs.40 (5)34 (6)4 (7)30 (8)6 (9)1002,668,334 (10)5

LUNGRI RESEK ANSWER:
(1)Inhni tluk na pa feet10,inthum tluk na pan ft.5 (2)Kum22 (3)Rs.15 (4) Tlai tlak ting-a pan 30 kilometre,Niso tinga a pa20 km pung som ma (5)pung khat (6) Voi-20 (7)Voi-20

Kakom thuhming hei: Bengpu, Rengam, Ngambom leh Zortling, Serlek, Serte, Hme-som-e, Photir leh Hrangche khana alak lak num nitei theisik.

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