

Functional Numeracy for Food Security and Nutrition

Fixed Obligation Grant (FOG) – Award Number 999000442

Cura me Poto – Lim pa Uno How I Poto™

Buk me 2



**Byeka me dit pa kodi, Fetalaiza ka dong yat
akira ma mite**

Kwan ma olube ki lim pa Uno i poto 5-8



Cura ma konyo me neno ni cam ki yot kom i yoo me
pit obedo tye.

Fixed Obligation Grant (FOG) – Award Number 999000442

Cura me Poto – Lim pa Uno How I Poto™

Buk me 2

Lim i poto 5 - 8

**Byeka me dit pa kodi, Fetalaiza ka dong yat
akira ma mite**

William Ian Robinson
Lisa Osborne (graphics)
Heather Pitcher

Dwe me adek 2014

La yab wi pwonye



Lim pa Uno How I poto ocung I kom kwan ma time ki i Kilaci ma cura ki pwonyo iye. Man ocung I kom limo poto pa lapur ma lanywak tam ki lopur ma nyinge “Uno How” timo.

Buk me 2 - Byeka me dit pa kodi, Fetaliza ka dong yat akira ma mite

Buk man medo kor lim pa Uno How me 4 i poto ma lube kore ki kore, Man dong lubu kor buk me 1 (Kinyutu pire piny wiye wiye macalo buk akwana mukene).

Lim me 5 – Dwong pa kodi ma mite

Lim me 6 – Wel cente ma mite pi Kodi

Lim me 7 – Byeko dwong pa fataliza ma mite

Lim me 8 – Dwong pa yat akira ma mite

Lim magi nyute ki cal mogo ma lube kun konyo me yabu wi pwonye/Topik acel acel. Topik acel acel lube ki lok a tita ka lanyut lubu, Tic atiya macalo labol ki miyo kadong lapeny dong loro (Lagam ducu ki miyo i agiki me buk man me konyo lakwan).

Buk me 1- Cura me nongo dit pa poto tye ki lim 4 i poto pa lopur ma nyingi Tad ki Mim

Lim me 1 – Pimo dit pa poto ma meri

Lim me 2 – Timo cura me nongo dit pa poto ma meri

Lim me 3 – Timo cura me nongo dit pa poti ma orwange

Lim me 4 – Byeko dit pa poto ma ka megi

Buk me acel twero nonge kany: <http://www.agritechtalk.org/Uno How Introduction.html>

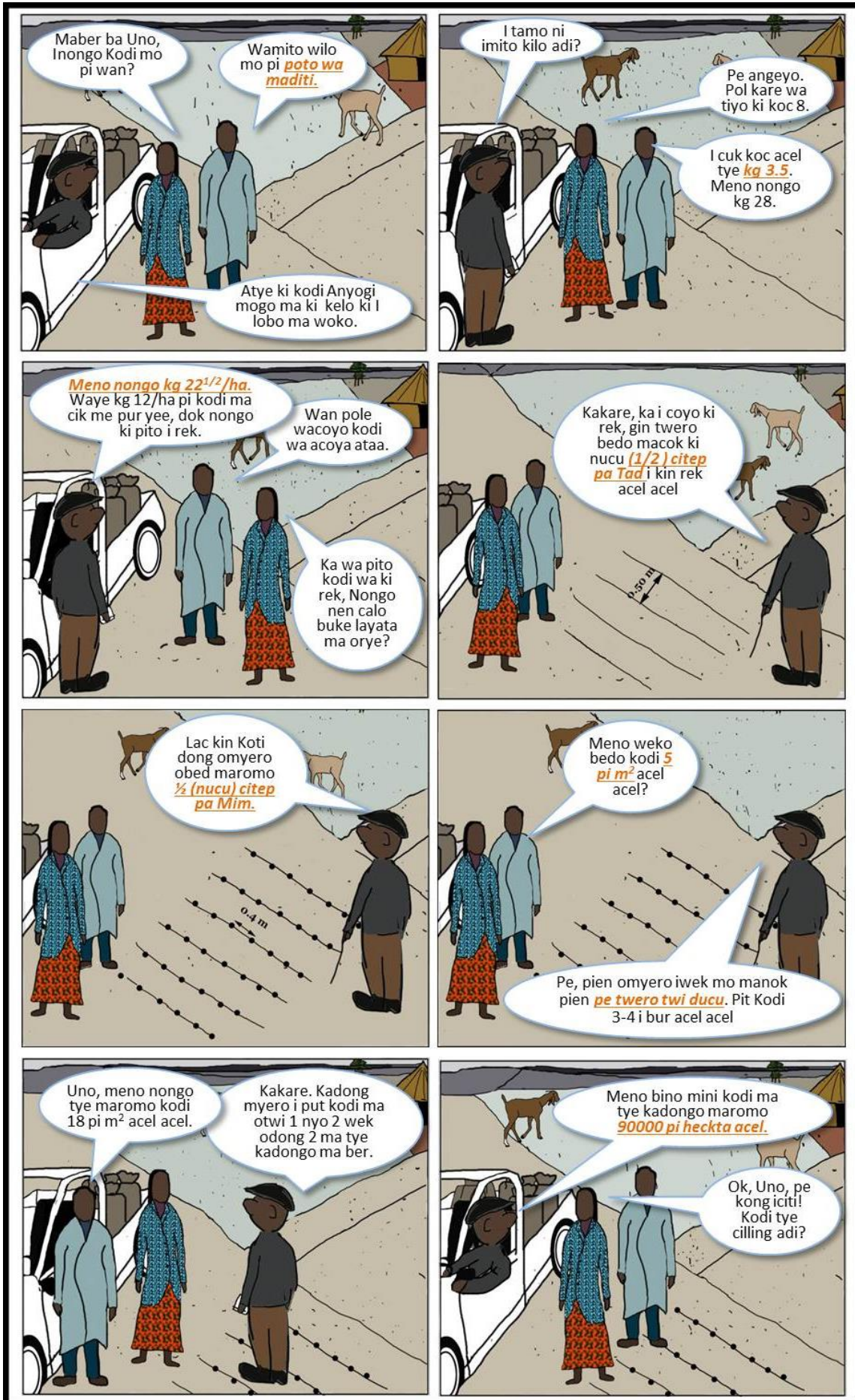
Pwonye man me Cura ma konyo me neno ni cam ki yot kom i yoo me pit tye ka time ki kony me cente pa jo America (USAID Technical and Operational Performance Support (TOPS) program. Pwonye man time kun wok ki icing dul pa U.S ma cwako dongo lobo I wilobo kulu ma Kilwongo ni USAID. Jami ma I buk man kiyubu kun wok ki icing TOPS ento jami magi pe nyutu ni man tam pa TOPS, USAID nyo Gamente me America.

Lim pa Uno How i Poto...

Jami ma tye I buk man

Lim pa Uno How me 5 i poto ... Dwong pa kodi ma mite	4
Dit pa poto pa Tad gin ki Mim.	5
Pek pa kodi Koc acel	6
Dwong pa kodi ma calo pek pa kodi ma mite me acoya pi hecta nyo ecka acel.....	8
Lac kin rek/lain – Citep pa Tad.....	10
Lac kin Kodi – Citep pa Mim	11
Namba pa cam ma tye ka dong (wel kodi) i m ² acel.....	12
Rwom me twi pa Kodi.....	13
Namba pa kodi ma tye ka dongo i heckta ki dong i ecka	14
Lim pa Uno How me 6 i poto...wel cente ma mite pi Kodi	15
Dwong pa kodi ma rwate ka dong wel kodi ma mite	16
Wel kidi.....	17
Cura me nongo intwec me %10.....	18
Culu pi kodi ikare me kac.....	20
Wel dyel acel	21
Lim pa Uno How me 7 I poto...Byeko dwong pa fetalaiza	22
DAP ka Urea fetalaiza	23
Wel fetalaiza DAP ka Urea	24
Cul ma lube ki tingo ki kelo fetalaiza.	26
Wel fetalaiza ducu med ki wel cul me tingo ki kelo ki i depot.....	27
Wel cente ducu ma mite pi fetalaiza opiro edek ducu.....	28
Wel dyegi ma mite me acata me konyo culu pi fetalaiza	28
Fetalaiza ma dong iyoo nge tyeko tic kwede.....	29
Lim pa Uno How me 8 i poto... Jami ma mite pi yat akira	30
Rwom me bal pa anyai.	31
Kabedo me kwany campul.....	32
Avurag.....	33
Kiro.....	34
Dwong pa yat anyai ma cik yee/cimo	35
Culu yat anyai	36
Cura me nongo guvu pa lapik i kare me kiro yat.	38
Jami ma pir git ego me Aluba ka itye ka tic ki yat akira	40
Cura me nongo wel cente ma mite pi yat akira.....	41
Dwong pa yat akira ma mite pi poto pa Lyro.	42
Kom bedi dong ityeko Buk me 2.....	42
Lagam ka yoo tic pi lapeny me atima pi cawa ma nok	43
Kit ma namba lube kwede	59
Meja me Lanyaa	60

Lim pa Uno How me 5 i poto ... Dwong pa kodi ma mite



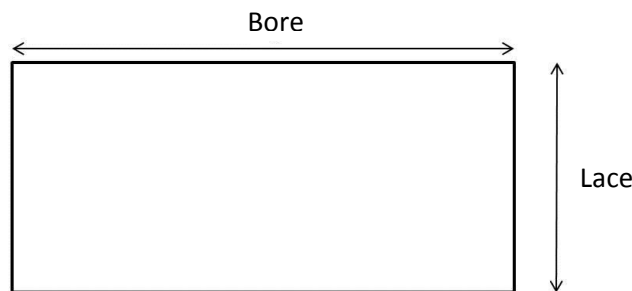
Lim pa Uno How me 5 i poto

Byeka me dwong pa kodi ma mite

Dit pa poto pa Tad gin ki Mim.



Wi opoo ni poto pa Tad ki Mim ma diti tye *recktengul*.



Bore tye m 220 ka Lace tye m 56. Me nongo dit pa poto/Aria (A), inyayo Bore (L) ki Lace(W)

$$\text{Dite (m}^2\text{)} = 220 \text{ m} \times 56 \text{ m} = 12320 \text{ m}^2$$

Me nongo dite i heckta, wa poko lagam wa ki 10000 (ma calo m^2 10000 = 1 ha) = $12320 \div 10000 = 1.23$ ha.

Me nongo dit pa poto i ecka, wanyayo dite/aria ma tye i heckta ni ki 2.47 (kit ma tye ecka 2.47 i heckta acel ni). $1.23 \times 2.47 = 3.04$

Poto pa Tad ki Mim ma diti pi man tye ma cok cok ki **1.23 ha nyo ecka 3.04**.

Byeko – Raunding

Pol kare, dit pa poto pa Lapur pe myero obed kakare tutwal. Tye ni watwero bedo ki byeka ma cok cok. Byeko tere ni guru namba wek obed ma opong wek pe obed ki wiye nyo ton ma pol ataa. Tic ki namba ma tye alutu dok yot ma da man laro cawa wa ki kero ma bale. Namba twero gure ma tye iye ariyo (Decimol 2) nyo wa weko bedo numba acel alutu.

Ka itye ki byeka pi tic me pur, bedo ber ka i guru mamba woko ki malo (man weko namba dok bedo dit) ka dong guru namba ki piny (Weko namba bedo tidi). Ka i guru/raunding namba ki piny ka dong imito tic ki cura meno me wilo jami ma calo kodi, itwero wilo manok tutwal pi man twero bene remo poto woko.

Pol kare ber me guru namba wek obed cok cok ki $\frac{1}{2}$, $\frac{1}{4}$ nyo $\frac{1}{8}$. Purackcon mayot calo magi pol kare ki tiyo kwedgi me moko tam ma kwako pur. Tic kwedgi i ton kit ma labol ma lubu eni nyutu ni dok ber tutwal. Pi meno labole, poto pa Tad Ki Mim ma diti ka tye **1.23 wa twero guru dwogo 1.25 ha (nyo $\frac{1}{4}$ ha)**.

Kadi ka bed kumeno, ka wel pa purackcon ni tye piny tutwal (tye ma tunu 0.1 nyo $\frac{1}{10}$) man I twero guru me dok piny nyo wek obed ma cok cok ki ngo ma mite. Poto pa Tad ki Mim tye echa **3.04. man twero gure me dok piny ni ecka 3**.

Lim pa Uno How me 5 i poto

Byeka me dwong pa kodi ma mite

Pek pa kodi Koc acel

Tad ki Mim ngeyo dwong ki pek pa koc me kodi ma gin wilo kare ducu ki i cuk. Me nongo pek pa kodi, gin nyayo wel koc ducu ki pek pa kodi ma tye i koc acel acel.

Tad ki Mim pol kare wilo koc 8 me kodi, koc acel acel telo Kg 3.5

Pek pa kodi ma mite ducu pi man bedo **8×3.5**

Wa twero bene timo lanyu man ki coyo piny namba magi ducu piny, man time kun wa tiyo ki yoo me nyayo decimol ma dong watyeko pwonye pire i buk me 1.

Me tic ki yoo mukene, watwero turu namba magi piny i dul ka dong watiyo ki ngec wa ma dong tye i kit me tic ki purackcon me nongo lagam. Man pol kare bedo pi oyot, pien purackcon ma yot tic kwedgi pol kare pe tek tutwal ka wa poro ki tic ki decimol nyo namba matye ki ton i gi.

Nyayo purackcon ma tic kwedgi yot.

Kit ma wapwonye i buk me 1 ni, 8×3.5 rom aroma ki 8×3 med ki 8×0.5 . Pi meno, myero wa cak wot ki namba magi pat pat.

$$8 \times 3 = 24$$

$$8 \times 0.5 = ?$$

Wa pwonye i dul me 1 (pot buk namba 31) ni:

$$\begin{aligned} 1/2 &= 0.5 \\ 1/3 &= 0.33 \\ 1/4 &= 0.25 \\ 1/5 &= 0.2 \\ 1/10 &= 0.1 \end{aligned}$$

Pi man, 8×0.5 bene twero cone ni $8 \times \frac{1}{2}$

Ka inyayo gin mo keken ki $\frac{1}{2}$, rom aroma ki ma ipoko namba meno ki 2 (poko ki nucu).

Man Waco ki wan ni $8 \times \frac{1}{2} = 8 \div 2 = 4$

Pi man, $8 \times 0.5 = 4$

Me agiki, wa twero medo namba ariyo magi piny me nongo lagam: **$8 \times 3.5 = 8 \times 3$ med ki 8×0.5**

$= 24 + 4 = 28$. Man niango wa ni, pek pa kodi ducu ma gin wilo kare ducu nit ye 28 kg.

Lubu en yoo ace leno ni:

Me nyayo namba mo ki 0.25 ro aroma ki nyayo namba acel enoni ki $\frac{1}{4}$ ma bene rom aroma ki poko namba eno ni ki 4(poko le iye angwen) ku meno wot kwede anyim.

Nyo, iyoo mukene, poko namba mo ki 3 (poko la yiye adek) rom aroma ki nyayo namba eno ni ki 1/3 nyo bene nyayo namba eno ni ki 0.33.

Roto lagam ma meri



Timo pi oyot, byeka me dwong pa kodi ma mite ka dong poro lagam ariyo magi ducu en aye tye yoo ariyo me roto wek i mok ni lagam meno tye ka kare. Ka wele tye ma rom rom nyo cok cok ki lawote, nyutu ni lagam ma ka meri tye kakare. Ka lagam tye ma pe rom nyo cok cok ki lawote, myero itim cura ma meri odoco.

Tad ki Mim pol kare gin wilo Koc 8 me kodi, koc acel acel telo kilo 3.5 ki i cuk.

Wa timo cura ka dong wa nongo ni wel kilo ducu tye 28.

Me weko wa tim byeka man me dit pa kodi pi oyot, watwero cako ki raunding/guru 3.5 me doko 4. Ki man dong wa twero nyaano 8 ki 4.

Kit ma dong wa tyeko medo wel pek pa koc wa ni oo wa i kilo 4 myero wange ni byeka wa pi oyot bi bedo dit loyo lagam pa cura ma wa timo con caa.

$$8 \times 4 \text{ kg} = 32 \text{ kg}$$

Man dit loyo kilo 28 kit ma cura wa me lakwong nyutu, ki man kg 28 nen calo twero bedo kakare.

Lapeny me atima pi cawa manok 1 – Cura me nongo dit pa kodi ma mite ducu

1 Opiro acel telo kg 4.5. Opiro 15 dong telo kg adi?

2 Romo acel wele tye \$ 30.25. Romi 6 dong kono wele bedo adi?

3 Tim cura ma tye piny eno. Kom bedi dong i byek gi. Lagam ariyo magi cal cal iyoo mene?

a) 10×7.5

b) 21×8.5

c) 37×3.5

d) 15×6.5

Co lagam ma meggi piny ka dong inen lagam ma tye I agiki pa buk man.

Dok cen i lim pa Uno How me 5 i poto

Lim pa Uno How me 5 i poto

Byeka me dwong pa kodi ma mite

Dwong pa kodi ma calo pek pa kodi ma mite me acoya pi hecta nyo ecka acel.

Ministri pol kare gi tito pi dit pa kodi ma mite pi hecta (ha) acel (kg/ha) nyo pi ecka (kg/ha). **Gin pol kare cwako ni dwong pa kodi me acoya myero obed 12kg/ha nyo 5 kg/ecka.** Man nongo pi kodi ma tye catifaid.

Me nongo dwong pa kodi ma Tad ka Mim obedo ka tic kwede, wa poko dwong pa kodi ma meg i kg (Kodi ma gin gutiyo kwede) ki dit pa poto gi (i ha nyo i ecka).

Poto pa Tad ki Mim ma diti tye cok cok ki 1.25 ha (1 ¼ ha) nyo ecka 3.

Pien Tad ki Mim tiyo ki Kodi kg 28 i ha 1¼, man nyutu ki wan ni, dwong pa kodi ma mite pi hecta (ha) tye ma pe tunu 28 kg. dwong pa kodi ma mite twero bedo ma pe kg 28 pi ecka acel kit ma gi tye ka tic ki kodi kg 28 pi ecka 3 ni .

1. Me nongo dwong pa kodi ma mite pi ecka acel, wa poko 28 ki 3

$$28 \div 3 = 9.33 = 9 \frac{1}{3} \text{ kg pi ecka acel acel.}$$

2. Me nongo dwong pa kodi ma mite pi ha 1, wa poko 28 ki 1¼

Ka wa tye ka poko namba moo ni ki purackcon, wa twero weko doko yot kun wanyayo namba ma obame wek wa rweny purackcon woko. Wa twero timo magi iyoo ariyo:

Yoo me 1

Wanyayo namba ariyo magi ki denomineta pa purackcon, pi man tye 4.

$$\text{Nyaa } 28 \text{ ki } 4 = 20 \times 4 \text{ med } 8 \times 4 = 80 + 32 = 112$$

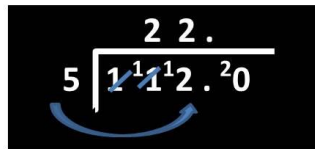
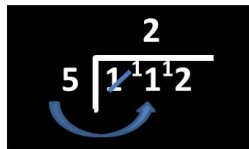
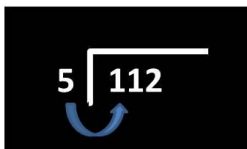
$$\text{Nyaa } 1 \frac{1}{4} \text{ ki } 4 = 1 \times 4 \text{ med } \frac{1}{4} \times 4 = 4 + 1 = 5$$

Pi man namba wa nen calo man: $112 \div 5$. Watwero timo cura man i yoo magi:

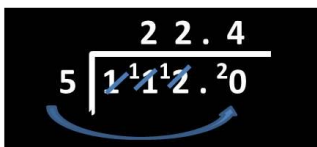
Yoo tic me 1: pok namba me acel ki 5. Kit ma 5 dit loyo 1 wa woto ki 1 anyim.

Yoo tic me 2: pok namba me ariyo ki 5. $11 \div 5 = 2$ don 1. Ariyo meno woto malo I wi lain, 1 ki woto kwede anyim.

Yoo tic me 3: pok 12 ki 5 = 2 dong 2. 2 ni dok bene woto malo. Balany ma odongi wa woto kwede nyim. Kit ma dong namba mukene peke wek wa cwal 2 iye ni, **wa keto ton nyo decimol ka dong 0. Wa keto ton bene I lain ma maloni.**



Yoo tic me 4: Pok 20 ki 5 = 4. Ket 4 i lain ma malo ni bene.



$$\text{Pi man, } 28 \div 1 \frac{1}{4} = 22.4$$

Yoo me 2

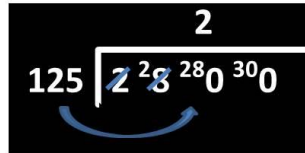
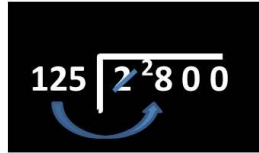
28÷1¼ bene twero coone ni 28 ÷ 1.25, watwero nyayo namba magi ki 100 wek wa rweny decimol woko.

Pi man, namba ma malo ni dong dwogo ni 2800 ÷125

Yoo tic me 1: pok namba me acel ki 125. Kit ma 125 dit loyo 2 ni wot ki 2 meno anyim.

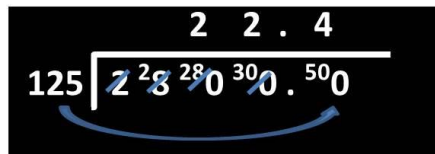
Yoo tic me 2: 28÷125 pud pe twere pien 28 tidi loyo 125, pi man wot ki 28 man anyim.

Yoo tic me 3: Pok 280 ki 125 = 2 dong 30. 30 man woto inyim namba ma lubu ni, 0. Co 2 iwi lain ma malo ni.



Yoo tic me 4: 300 ÷ 125 = 2 dong 50. Co 2 l wi lain malo. Kit ma dong namba mukene pe ni 50 wa woto kwede anyim, **med decimol ka dong 0. Med decimol nyo ton iwi lain malo.**

Yoo tic me 5: 500 ÷125 = 4. Co 4 iwi lain malo iyoo nge decimol.



Ki man, 28 ÷ 1 ¼ = 22.4

Kodi ma mite me acoya l poto pa Tad ki Mim ma gin Waco ni diti tye 22.4 kg/heckta.

Man watwero raunding wek obed 22.5 kg =22 ½ kg. Gwoke pe me rounding me dok piny pien itwero wilo kodi manok ci pe romo poto ni matye ni.

Kodi ma mite pi poto pa Tad ki Mim ma gin Waco ni diti tye 22½ kg pi heckta acel.

Lapeny me atima pi cawa manok 2 – Cura me nongo dwong pa kodi ma mite pe heckta/ecka acel

1 Lapur tiyo ki kodi kg 35 l poto ma dite tye ha 2 onyo ecka 5. Kodi ma rom mene ma en tiyo kwede pi poto acel acel?

2 Lapur tiyo ki kodi kg 60 i poto ma tye ha 3 nyo ecka 7.5. Kodi ma rom mene ma en tiyo kwede pi poto acel acel?

3 Lapur tiyo ki kodi kg 40 i poto ma tye ha 3.25 nyo ecka 8. Kodi ma rom mene ma en tiyo kwede pi poto acel acel?

Co lagam ma meggi piny ka dong inen lagam ma tye l agiki pa buk man.

Dok cen i lim pa Uno How me 5 i poto

Lim pa Uno How me 5 i poto

Byeka me dwong pa kodi ma mite

Wit kodi ma pat pat mito lac kin gi ma pat pat wek gu dong ma ber. Wit cam mogo mito kabedo malac wek gin odong ma ber ki l poro ki mukene. Pol kodi ma wa pito me kwon (ciryal) twero pite ma kin gi cok l lain. I kare mukene, kede ka bed kumeno, kodi ma wa pito l bedi kin gi twero bedo cok cok ento ka dong watero ki i poto ki kome, myero wa wek kin bur gi dong obed lac wek gu dong maber.

Pire tek tutwal ni inge kodi ma l tye ka tic kwede ni. Man konyi me ngeno kit me kalo kingi wek ocek ma buup.

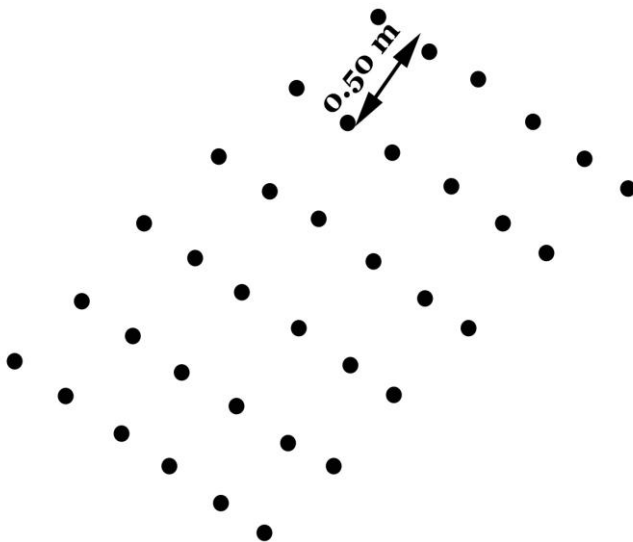
Uno omiyo tam ki Tad ki Mim me pito kodi gi i lain, ma tye $\frac{1}{2}$ citep pa Tad i kin rek ka dong $\frac{1}{2}$ citep pa Mim i kin bur nyo kodi acel acel.

Lac kin rek/lain – Citep pa Tad

Citep pa Tad tye mita (m) 1. Lac kin rek myero obed tye nucu citep pa Tad.

Nucu pa m 1 rom aroma ki poko en m 1 ki 2. Pi man, nucu pa citep pa Tad = $\frac{1}{2}$ m nyo 0.5 mita.

Nucu citep pa Tad = 0.50 m



Dok cen i lim pa Uno How me 5 i poto

Lim pa Uno How me 5 i poto

Byeka me dwong pa kodi ma mite

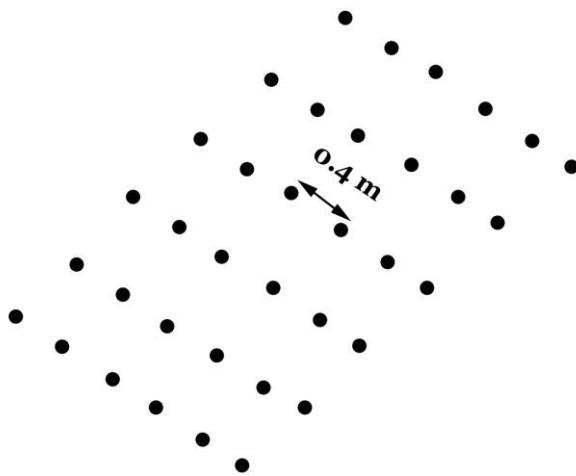
Lac kin Kodi – Citep pa Mim

Citep pa mim tye 0.8 m. Kodi tye ni myero ki pit $\frac{1}{2}$ citep pa Mim.

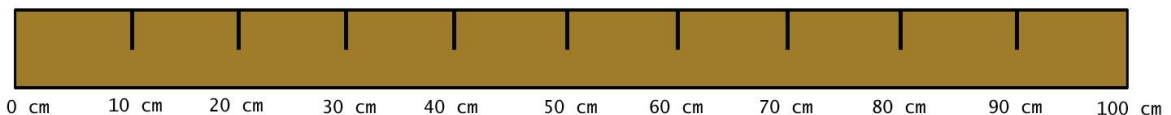
0.8 m rom aroma ki centimita (cm) 80. Nucu pa centimita 80 rom ki poko 80 ki 2, ki man $80/2 = 40$ cm.

Me dwoko 40 cm cen i mita myero wa pok ki 100 (pien tye cm 100 i m 1) ki man $40/100 = 0.40$

Nucu pa citep pa Mim = 0.40 nyo 0.4 m



Tye jami mapol ma twero konyi me pim. Ka miti ni tye me tic ki citep ma meri. Labole, me pimo kin rek, I twero yubu taal me la pim piny ma myero ingwek i dul me cm 10 me wek obed calo lanyut me oyot me Kalo kin rek ka kin kodi.



I twero bene tic ki cingi. Pol cing dano ducu ka ki yaro bedo i avureg me cm 20. Pi man itwero tic ki cingi me konyi wek I pim lac nyo bor pa gin mo ni.

Lim pa Uno How me 5 i poto

Byeka me dwong pa kodi ma mite

Namba pa cam ma tye ka dong (wel kodi) i m² acel



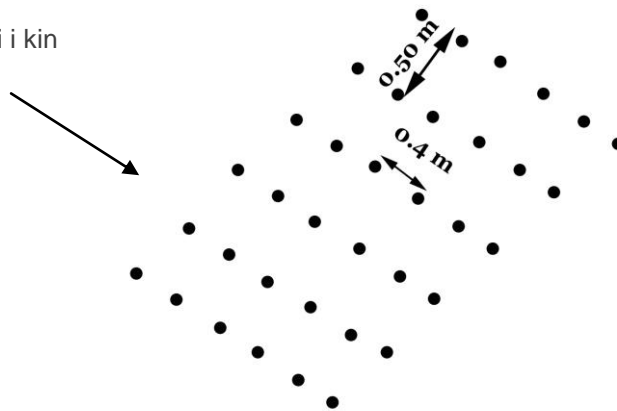
Ka itye ka goyo pulan me poto nyo byeko wel cam ma twero kati ki i poto ma meri, myero ibed ma itwero byeko namba ba kodi ma tye ka dongo i poto nyo lutin kodi ma otwi i hackta nyo ecka acel. Mukwongo, myero wa nong wel cam ma tye ka dongo i m² acel acel kit pim me poto wa pole tye i mita ni ka dong wa loko gi i heckta nyo ecka.

Nongo wel cam/kodi ma tye kadongo i cikweya mita (m²) acel.

Me nongo namba pa cam ma tye ka dongo, Tad ki Mim bino bedo ki cikweya mita. Myero in dong itim cura me nongo area ma kom cam ma tye kadongo acel acel tye ka dongo iye.

Man aye area pa rektengul ma tye ikin kodi. Ma en aye, Bore (lac kin rek) X Lace (lac kin cam acel) = $0.5 \times 0.4 = 0.20 \text{ m}^2$.

Kodi ki pito gi i kin bur magi.



Pi ma ariya ma kodi acel acel cung iye = 0.20 m^2

Namba pa cam ma tye kadongo i m² acel

Ariya ma cung pi cam ma tye ka dongo acel ma lube ki kit ma Tad ki Mim tye ka lago kin kodi gi kwede ni = 0.20 m^2

Mita 1 ki poko ki $0.20 =$ wel cam ma tye ka dongo i m² acel.

0.20 rom aroma ki $1/5$ ki dong wangeyo ni nongo tye acel ma opoke iye 5, pi man wapoko 1 ki $0.20 = 5$

Ki meno, nyutu ni tye cok cok ki cam 5 ma tye ka dongo i m² acel acel me poto mo ni.

Lim pa Uno How me 5 i poto

Byeka me dwong pa kodi ma mite

Rwom me twi pa Kodi



Uno omiyo tam ki Tad ki Mim me pito kodi madwong me weko kare obed kere me twi maber. (% pa kodi ma twi dok kati woko me dongo maber) man pol kare pe tye % 100. Twero bedo %90 nyo bene pe oo.

Rwom me twi pa kodi kimiyo ma calo pacent (nyute ki lanyut me %). Man tere ni 'pok 100'. Rwom me twi pa kodi ma tye % 90 waco ki wan ni 90 ikom 100 twero twi ma ber.

Me timo cura me % pi gin moo keken, myero walok % i decimol nyo Purakon ka dong wa nyaa ki wel ma imito ni wek inong % ne ni.

Uno omiyo Tad ki Mim Tam me coyo kodi 4 i bur acel acel. Ki man gin dong coyo kodi:

$5 \times 4 = 20$ kodi pi cikweya mita (m^2) acel acel.

Kom bedi gin dong myero otim cura me nongo wel kodi ma twero twi ma ber ka tye ni rwom me twi pa kodi man tye % 90.

Cura me nongo Rwom me twi pa Kodi

% 90 bene twero cone ni $90/100$ nyo 0.9

Me nongo %90 pa 20, lok %90 wek odok purakon ka dong inyaa ki 20

Pi man %90 pa 20 = $90/100 \times 20$

Pok namba ducu ki 100 = $90 \times 0.2 = 9 \times 10 \times 0.2 = 1.8 \times 10 = 18$

Bino bedo lutin kodi 18 i m^2 acel acel, ka Rwom me twi pa Kodi tye %90.

Lapeny me atima pi cawa manok 3 – Cura me nongo namba pa kodi ma tye kadongo i m^2 acel

1 Lapur pito kodi ne irek ma lac kin gi tye m 0.7, ki dong lac kin kodi/bur tye 0.5 m. En pito kodi 4 i bur acel acel ki dong Rwom me twi pa Kodi ne tye % 90. Lutin kodi adi ma en bino bedo kwede i m^2 acel?

2 Lapur pito kodi ne irek ma lac kin gi tye m 0.6, ki dong lac kin kodi/bur tye 0.4 m. En pito kodi 4 i bur acel acel ki dong Rwom me twi pa Kodi ne tye % 80. Lutin kodi adi ma en bino bedo kwede i m^2 acel?

Co lagam ma megi piny ka dong inen lagam ma tye I agiki pa buk man.

Lim pa Uno How me 5 i poto

Byeka me dwong pa kodi ma mite

Namba pa kodi ma tye ka dongo i heckta ki dong i ecka



Me nongo wel cam ma tye ka dongo i heckta nyo i ecka acel, wa loko namba pa kodi matye ka dongo i m^2 acel medok i namba ma tye ka dongo i heckta nyo ecka.

Putu kin cam ma tye ka dongo ki i poto

Tad ki Mim bino putu kin cam ma meg i ni aa ki i 4 i bur acel me dok I 2 i bur acel.

Tye cam ma tye ka dongo 18 i m^2 acel. pi man iyoo nge putu kine bi bedo cam ma tye ka dongo 9 pi m^2 acel.

Namba pa lutin kodi ma tye ka dongo i poto iyoo nge putu kin gi

Heckta ace = m^2 10000, pi man myero wanya lagam wa ki (ma en aye 1 m^2) ki 10000

Man titi wa ni heckta acel tye cok cok ki $10000 \times 9 = 90000$ (Lutin kodi ma tye ka dongo i poto)

Namba pa lutin kodi ma tye ka dongo ipoto iyoo nge putu kin gi

Me nongo namba pa kodi ma dong tye i ecka acel, nyaa wel kodi ma tye ka dongo i m^2 acel ki 4050

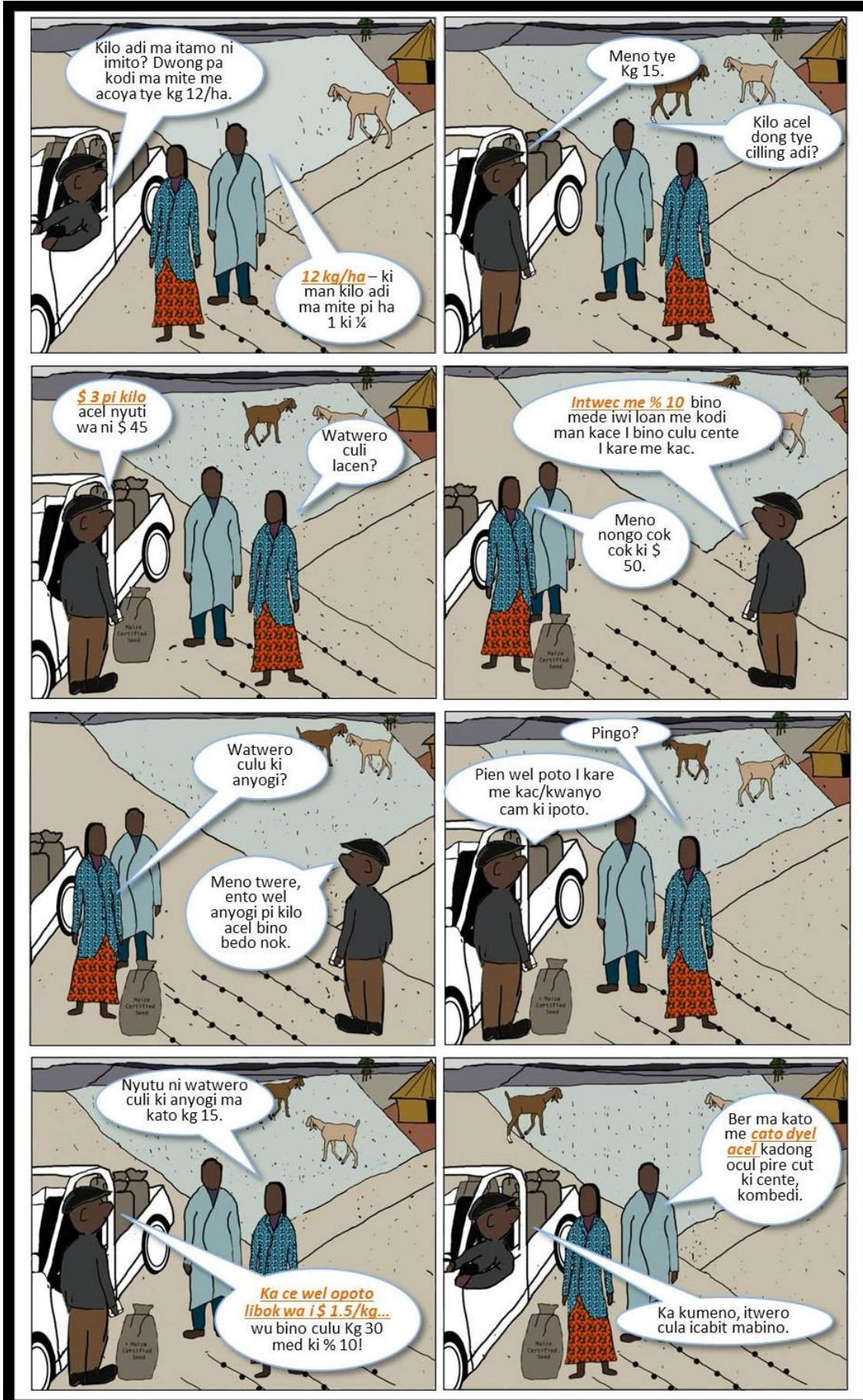
Man tere ni ecka acel tye ki kodi ma cok cok ki $4050 \times 9 = 36450$ pi ecka acel, ma nongo tye ki cam ma tye kadongo 2 i bur acel acel.

Lapeny me atima pi cawa manok 4 – Cura me nongo namba pa kodi ma tye kadongo i heckta nyo ecka acel iyoo nge putu kin gi.

- 1 Lapur opito kodi ne irek ma lac kin gi tye m 0.5, ki dong lac kin kodi/bur tye m 0.5. En pito kodi 4 i bur acel acel ki dong Rwom me twi pa Kodi ne tye % 90. En oputu kin kodi ne oweko kodi 2 ma tye kadongo i bur acel acel. Lutin kodi/cam adi ma en bino bedo kwede pi **ha acel**? Lutin kodi/cam adi ma en bino bedo kwede pi **ecka acel**?
- 2 Lapur opito kodi ne irek ma lac kin gi tye m 0.6, ki dong lac kin kodi/bur tye 0.5 m. En pito kodi 4 i bur acel acel ki dong Rwom me twi pa Kodi ne tye % 70. En oputu kin kodi ne oweko kodi 2 ma tye kadongo i bur acel acel. Lutin kodi/cam adi ma en bino bedo kwede pi **ha acel**? Lutin kodi/cam adi ma en bino bedo kwede pi **ecka acel**?
- 3 Lapur opito kodi ne irek ma lac kin gi tye m 2, ki m 2.5 ikin yen. Tye yem adi ma en bi bedo kwede i **ha acel**? Tye yen adi ma en bi bedo kwede i **ecka acel**?

Co lagam ma meg i piny ka dong inen lagam ma tye I agiki pa buk man.

Lim pa Uno How me 6 i poto...wel cente ma mite pi Kodi



Lim pa uno How me 6 i poto otum- mede i Lim pa Uno How me 7 i poto

Lim pa Uno How me 6 i Poto.

Wel cente ma mite pi Kodi

Dwong pa kodi ma rwate ka dong wel kodi ma mite

Dwong pa kodi ma rwate pi kodi ma cik oye ma Tad ki Mim mito ni tye kg 12/ha nyo kg 5/ecka.

Me nongo wel kodi ma mite, Tad ki Mim myero onyaa dwong pa kodi cik cimo/ma rwate pa kodi ma gin oyoero ki dit pa poto ma meggi ma gin mito pito kodi meno iye ni.

Poto pa Tad ki Mim maditi tye ha 1.25 nyo ecka 3. Gin dong twero timo cura me nongo dit pa kodi ma mite kun gi tiyo ki **ha** nyo **ecka** ducu ki nyutu gi piny.

Hecta(Ha): Dwong pa kodi ma mite tye kg 12/ha pi man, wel kodi ma mite tye 12×1.25

Nyaa gi pat pat: 12×1 med ki 12×0.25

$$12 \times 1 = 12$$

Wangeyo ni 0.25 rom aroma ki $\frac{1}{4}$ ma nyuti $12 \times \frac{1}{4} = 12/1 \times 1/4 = 12/4 = 3$

Pi man, $12 \times 1.25 = 12 + 3 = 15 \text{ kg}$

Ecka: Dwong pa kodi ma kite tye kg 5/ecka pi man, wel kodi gin mito tye $5 \times 3 = 15 \text{ kg}$.

Ki meno, Tad ki Mim bino mito kg 15 me kodi pi poto gi ma diti.

Lapeny me atima pi cawa ma nok 5 - Dwong pa kodi ma cik cimo ka wel kodi ma mite.

1 Lapur tye ki poto ma dite tye ha 2.5. Dwong pa kodi ma rwate pi kodi ma gin mito wilo ni tye kg 15/ha. Kodi ma rom mene ma itamo ni gin omyero owil?

2 Lapur tye ki ecka 10. Kodi ma rom mene ma en myero owil ka dwong pa kodi ma rwate pi kodi ma en mito wilo ni tye kg 8/ecka?

3 Lapur tye ki ha 0.5. Ka dwong pa kodi ma rwate pi kodi ma en mito wilo ni tye kg 14/ha. Kodi ma rom mene ma en myero owil?

4 Lapur tye ki ecka 1.25. Kodi ma rom mene ma en myero owil ka dwong pa kodi ma rwate pi kodi ma en mito wilo ni tye kg 11/ecka?

Co lagam ma meggi piny ka dong inen lagam ma tye I agiki pa buk man.

Dok cen i lim pa Uno How me 6 i poto

Lim pa Uno How me 6 i Poto.

Wel cente ma mite pi Kodi

Wel kidi

Me timo cura me nongo wel cente ma mite pi kodi, mito ni wanyaa:

Dwong pa kodi ma mite i Kg ki wel cente ma mite me wilo kg 1

Tad ki Mim mito kg 15 me kodi

Wel kodi tye \$ 3/kg

Pi man, wel cente ma mite ducu pi kodi en aye $15 \times 3 = \$45$

Gin dong pi meno mito \$45 me wilo kodi ma ka meg.

Lapeny me atima pi cawa manok 6 – cura me nongo wel cente ma mite pi kodi

1 Lapur tye ki poto ma dite tye ecka 2. Dwong pa kodi ma rwate pi kodi ma gin mito wilo ni tye kg 15/ecka. Kodi kicato \$5/kg. Kodi ma rom mene ma itamo ni en omyero owil? Cilling adi ma mite pi kodi magi ducu (\$)?

2 Lapur tye ki poto ha 1.5. Kodi ma rom mene ma itamo ni en omyero owil ka tye ni dwong pa kodi man ma cik oye tye kg 11/ha. Kodi kicato \$7/kg. Cilling adi ma mite pi kodi magi ducu (\$)?

3 Lapur tye ki poto ma dite tye ecka 4.33. Dwong pa kodi ma rwate pi kodi ma gin mito wilo ni tye kg 12/ecka. Kodi kicato \$4/kg. Kodi ma rom mene ma itamo ni en omyero owil? Cilling adi ma mite pi kodi magi ducu (\$)?

4 Lapur tye ki poto ma dite tye ha 0.25. Kodi ma rom mene ma itamo ni en omyero owil cik cimo ni kg 12/ha? Kodi kit ye ka cato \$6/kg. Cilling adi ma mite me wilo kodi pi poto pa lapur man?

Co lagam ma meg pi piny ka dong inen lagam ma tye I agiki pa buk man.

Dok cen i lim pa Uno How me 6 i poto

Lim pa Uno How me 6 i Poto.

Wel cente ma mite pi Kodi

Cura me nongo intwec me %10



Tad ki Mim bino culu intwec me %10 ka gin omok me culu pi kodi lacen ikare me kac.

Wi opo ni kit ma wabedo ka timo cura me nongo % nongo rwom me twi pa kodi, waloko en % eno me doko decimol nyo purakon ka dong wanyayo ki namba ma mito nongo % mere ni. Malube ki man bino bedo wel kodi.

Ka Tad ki Mim bino culu lacen, gin bi culu \$45 pi kodi ma meg, med ki %10 me intwec.

Tye yoo ariyo ma kitwero tic kwede malube ki cura me nongo intwec.

Yoo me 1:

%10 me intwec I kom \$45 rom ki $45 \times 10/100$.

Me wek obed ma yot watwero poko namba magi ducu ki $10 = 4.5 \times 10/10 = 4.5 \times 1 = 4.5$

%10 me intwec ikom \$45 = \$4.50

Med %10 ikom wel cente ma nongo myero Tad ki Mim ocul (\$45).

Wel ducu ma Tad ki Mim myero ocul ikare me kac dong mede bedo \$49.50

Lapeny me atima pi cawa manok 7 – cura me nongo intwec - yoo me 1

1 Lapur otimo cura ci onongo ni wel kodi ne bino bedo \$65. En dong myero ocul %10 me intwec ka tye ni en bino culu lacen. Wel intwec bibedo cilling adi? Wel kodi ka ki toro ki itwec me %10 bino bedo cilling adi?

2 Kodi pa lapur bino bedo \$57 wa ki intwec me %10. Intwec kene tye cilling adi? Wel kodi tye cilling adi labongo intwec me %10?

Co lagam ma meg, piny ka dong inen lagam ma tye I agiki pa buk man.

Ka Tad ki Mim bino culu lacen, gin culu \$45 pi kodi gi, med ki intwec me %10

Yoo me 2:

Wel ma tye \$45 en aye wel ma opong. Man nongo tye %100 pa wel kodi meno.

Wi opo ni pacent gi rom aroma ki purakcon ma cung ikom 100, pi man %100 tye 100/100

Ki medo %10 me intwec, Uno tye ka medo wel malo man weko doko lamal ma dong wa romo coyo ni %110 pa wel me lakwong.

Wel ducu ma Tad ki Mim bino culu I kare me kac tye 45 x 110%

$$110\% = 110/100$$

$\$45 \times 110/100$ wek odok yot ki poko bute namba magi ducu ki 100 = $\$0.45 \times 110$
Bar yigi pat pat: 0.45×100 plus $0.45 \times 10 = 45 + 4.5 = 49.5$

Pi man, wel ducu ma Tad ki Mim bino culu I kare me kac bino bedo \$49.50

Lapeny me atima pi cawa manok 8 – Yoo me 2

1 Kodi pa lapur wele tye \$75. Intwec tye %10. Wel kodi man tye cilling adi ka imedo ki intwec me %10?

2 Kodi pa lapur wele tye \$125. Intwec tye %10. Wel kodi man tye cilling adi ka imedo ki intwec me %10?

3 Kodi pa lapur wele tye \$50. Intwec tye %8. Wel kodi man tye cilling adi ka imedo ki intwec me %8?

4 Kodi pa lapur wele tye \$148. Intwec tye %6. Wel kodi man tye cilling adi ka imedo ki intwec me %6?

Co lagam ma megi piny ka dong inen lagam ma tye I agiki pa buk man.

Dok cen i lim pa Uno How me 6 i poto

Lim pa Uno How me 6 i Poto.

Wel cente ma mite pi Kodi

Culu pi kodi ikare me kac

Kodi macik ocwako ma Tad ki Mim mito wilo ni tye \$3 I kare me coyo kodi.

K ace gin mito culu ki anyogi ikare me kac, wel anyogi tye \$1.50/kg. pien wel kodi dong nongo odok wa inucu, anyogi ma mite me culu \$49.50(wel kodi) nongo obame kato wel kikome tyen ariyo med ki intwec me %10.

Me nongo dit pa anyogi ma mite me cul, wel kodi ki poko ki poko ki wel cente ma anyogi ki bi cato kwede i kare me Kac.

Ikare me kac, wel anyogi Tad ki Mim bino bedo \$1.50/ kg.

Me nongo dit pa anyogi ma myero gin ocul,ma wele tye \$49.50 gin bino poko \$49.50 ki \$1.50

$$\$49.50 \div \$1.50 = 49 \frac{1}{2} \div 1 \frac{1}{2}$$

Ki ma watye ka poko purakcon, wa twero poko but namba ducu ki dinomineta pa purakcon ma wa tye ka poko ni, pi man 2.

$$49 \frac{1}{2} \times 2 = 99$$

$$1 \frac{1}{2} \times 2 = 3$$

Wa weko doko ma yot, $49.5 \div 1.5$ odoko $99 \div 3 = 33$

Anyogi ma mite me culu cente me kodi ikare me kac (\$49.50) = 33 kg

Anyogi man, 33kg, mite me culu kodi ma dong nyuti wa ni tye ma dodo wel kodi tyen ariyo (Kg 15)

Lapeny me atima pi cawa manok 9 – culu ki cam ma ki kwanyo ikare me kac.

1 Lapur tye ki byek ni anyogi bibedo \$2 pi kg acel ikare me kac. Kg 30 me kodi ma en mito wolo ni bi tere \$55 med ki intwec me %10 ma myero ocul ikare me kac. Anyogi marom mene ma myero en omi pi culu kodi ma en ogamo den ni? Man pore nini ki dwong pa kodi ma en tye ka wiloni?

2 Lapur tamo me tic ki \$65 pi 18 kg me kodi. En bino culu ikare me kac ki kabir ki man en myero omed %10 ikome. Kabir ma mege bi bedo \$3/kg ikare me kac. Kabir ma rom mene ma myero en oyubi me culu pi kodi man?

3 Lapur mito wilo kodi ma wele tye \$70, ma bi mine kg 35 me kodi. Kabir ma twero bedo \$2/kg ikare me kac. Kabir ma rom mene ma en myero oyubi me culu pi kodi man? Man pore nini ki dwong pa kodi ma en tye ka wiloni?

Co lagam ma meggi piny ka dong inen lagam ma tye I agiki pa buk man.

Lim pa Uno How me 6 i Poto.

Wel cente ma mite pi Kodi

Wel dyel acel

Kod kilo 15 kodi ma Tad ki Mim mito wilo ne ni wele tye \$ 45

Dyel tye \$60 I kom acel ki i cuk ma gin twero cato dyel gi iyee ni.

Dyel 1 wele kato wel cente me culu pimkodi kg 15, ki man Tad ki Mim twero cato dyel 1 ka me culu pi kodi ka bene cente mukene dok dong ki gin.

Balany, nyo wel cente ma dong ki gin tye $\$60 - \$45 = \$15$.

Lapeny me atima pi cawa manok 10 – Dyegi adi ma myero acata?

- 1 Lapur mito wilo kg 20 me kodi pi \$80. En biculu ikare me kac ki kabir. Pi meno en myero omed intwec %10. Kabir ma mege bibedo \$5/kg ikare me kac. Kabir marom mene ma en myero oyub me culu pi kodi? En tye ki dyegi mogo ma acel acel twero caate \$40. Dyegi adi ma mite ni en myero ocati?
- 2 Poto pa lapur tye **ecka 2**. Kodi ma en Mito wilo ni dwonge ma cik oye pi ecka acel tye Kg 10 ki dong wele tye \$3/kg. Tim cura me nongo wel kodi ma en myero owil ki dong wel wel cente ma myero en ocul pi kodi man ikare me kac (med %10 iwiye ka cul bi time ikare me kac). En twero culu ki kabir ma wele twero bedo \$3 ikare me kac. Kabir marom mene ma en myero ocul pi kodi man ikare me kac? Ka en ocato dyegi mogo, ma wel wel git ye \$60 ikom acel, ka ocul kombedi, dyegi adi ma en myero ocati?
- 3 Poto pa lapur tye **ha 1.5**. Kodi ma en Mito wilo ni dwonge ma cik oye tye Kg 11kg/ha ki dong wele tye \$5/kg. Tim cura me nongo wel kodi ma en myero owil ki dong wel cente ma myero en ocul pi kodi man ikare me kac (med %10 iwiye ka cul bi time ikare me kac). En tye ka tamo me culu ki kabir ma wele twero bedo \$5/kg ikare me kac. Twero bedo ber ka en ocato dyegi mogo, ma wel git ye \$40 ikom acel ka wek gin ocul kombedi? Dyegi adi ma en myero ocati?

Co lagam ma megj piny ka dong inen lagam ma tye I agiki pa buk man.

Dok cen i lim pa Uno How me 6 i poto

Lim pa Uno How me 7 I poto...Byeko dwong pa fetalaiza



Lim pa Uno How me 7 otum – Mede i lim me 8 pa Uno How i poto

Lim pa Uno How me 7 i poto

Byeko dwong pa fetalaiza ma mite

DAP ka Urea fetalaiza



DAP(Diammonium Sulphate) dwonge ma mite pi ha acel tye kg 100 nyo kg 41/ecka. Urea bene tye dwonge pi ha acel kg 100 nyo kg 41 pi ecka acel.

Me timo cura me nongo dwong pa DAP nyo Urea ma mite, wanyayo wel fetalaiza ma rwate ki dit pa poto moni.

Poto pa Tad ki Mim tye ha $1 \frac{1}{4}$ nyo heckta 1.25 nyo ecka 3, pi man, gin bi mito ma kato kg 12. Tad ki Mim twero timo cura nong DAP ka Urea ma mite kun gi tiyo ki ha nyo ecka.

Hecta: Dwong pa DAP ka Urea ma rwate tye kg 100/ha.

Dit pa DAP ma mite pi 1.25 ha = $100 \times 1.25 = 125$ kg.

Dit pa Urea ma mite pi 1.25 ha = $100 \times 1.25 = 125$ kg

Ecka: Dwong pa DAP ka Urea ma rwate tye kg 41/ecka.

Dit pa DAP ma mite pi ecka 3 = $41 \times 3 = 123$ kg.

Dit pa Urea ma mite pi ecka 3 = $41 \times 3 = 123$ kg.

Lapeny me atima pi cawa manok 11 – cura me nongo dwong pa DAP ka Urea ma mite.

- 1 Lapur tye ki poti mapol ma tye eck 2.25. Ka cik yee ni wa twero tic ki kg 100/ecka. DAP ka Urea ma rom mene bino mite?
- 2 Lapur tye ki poto poto ma dite ducu tye ha 0.5. Ka cik yee ni wa twero tic ki kg 80/ha. DAP ka Urea ma rom mene bino mite?
- 3 Dwong pa fetalaiza cik yee pi DAP ka Urea tye kg 75/ecka. Poti pa Lapur tye ecka 3.5. DAP ka Urea marom mene ma mite.
- 4 Lapur tye ki poti 2. Cik yee fetalaiza kg 90/ha. DAP ka Urea ma rom mene ma en omyero owil?

Co lagam ma megj piny ka dong inen lagam ma tye I agiki pa buk man.

Lim pa Uno How me 7 i poto

Byeko dwong pa fetalaiza ma mite

Wel fetalaiza DAP ka Urea

Wel DAP tye \$475/taan ka Urea wele tye \$310/taan.

Tad ki Mim mito kg 125 me DAP ka kg 125 me Urea.

Uno cato keken fetalaiza i opiro ma tye kg 50.

Tad ki Mim myero gu tim cura me nongo wel cente ma mite me wilo kilo 1 me fetalaiza ka dong gin nyayo ki kilo (kg) 50 me konyo tiyo wel cente ma kg 50 twero tero.

Cura me nongo wel cente ma mite pi DAP

Taan 1 (1000kg) me DAP tero \$475.

Me nongo wel cente ma kg 50 tero, ti cura me lakwong wek inge cente adi ma kilo (kg) 1 tero ka dong inyaa ki 50.

$$1 \text{ kg} = 475/1000 = 0.475$$

$$50 \text{ kg} = 0.475 \times 50$$

Nyayo ki 50, watwero nyayo ki 100 ka dong wa poko iye ariyo(nucu).

$$0.475 \times 100 = 47.5$$

$$47.5 \div 2 = 23.75. \text{ Man watwero guru nyo raunding me doko } \$24$$

Manyutu ni, kg 50 me DAP bino tero \$24

Cura me nongo wel cente ma mite pi Urea.

Taan 1 me Urea tero \$310.

$$\text{Kg 1 me Urea} = 310/1000 = 0.310$$

Me nyayo ki 50, watwero nyayo ki 100 ka wapoko ki ariyo (nucu).

$$0.31 \times 100 = 31$$

$$31 \div 2 = 15.5. \text{ Man watwero guru/raunding doko } \$16$$

Manyutu ni, kg 50 me Urea bino tero \$16

Yoo mukene me byeko dwong pa fetalaiza ma mite en aye me timo byeka man pi oyot.

Tye opiro 20, me kg 50 i taan acel (taan 1 = 1000 kg).

Pi DAP, \$475 cok ki \$480.

Pok 480 ki 20 = \$24 pi opiro me kg 50kg. Man dok cok ki ngo ma wa timo cura ne con caa (\$23.75).

Pi Urea, \$310 cok ki \$320

Pok 320 ki 20 = \$16 pi opiro me kg 50kg. Man dok cok ki ngo ma wa timo cura ne con caa (\$15.50).

Lapeny me atima pi cawa manok 12 – cura me nongo wel cente ki wel opiro fetalaiza DAP ka Urea.

1 Lapur mito kg 250 me DAP ka kg 250 me Urea. Taan 1 (1000kg) me DAP tero \$510. Taan 1 (1000kg) me Urea tero \$300. Fetalaiza magi ducu ki caato i opiro me kilo 50. Cilling adi ma dong opiro DAP me kg 50 tero? Cilling adi ma dong opiro Urea me kg 50 tero?

2 Lapur mito kg 75 me DAP ka kg 75 me Urea. Taan 1 (1000kg) me DAP tero \$450. Taan 1 (1000kg) me Urea tero \$280. Fetalaiza magi ducu ki caato i opiro me kilo 50. Cilling adi ma dong opiro DAP me kg 50 tero? Cilling adi ma dong opiro Urea me kg 50 tero?

3 Lapur mito kg 150 me DAP ka kg 75 me Urea. Taan 1 (1000kg) me DAP tero \$500. Taan 1 (1000kg) me Urea tero \$250. Fetalaiza magi ducu ki caato i opiro me kilo 25. Cilling adi ma dong opiro DAP me kg 25 tero? Cilling adi ma dong opiro Urea me kg 25 tero?

4 Lapur mito kg 125 me DAP ka kg 125 me Urea. Taan 1 (1000kg) me DAP tero \$430. Taan 1 (1000kg) me Urea tero \$250. Fetalaiza magi ducu ki caato i opiro me kilo 25. Cilling adi ma dong opiro DAP me kg 25 tero? Cilling adi ma dong opiro Urea me kg 25 tero?

Co lagam ma megi piny ka dong inen lagam ma tye I agiki pa buk man.

Dok cen i lim pa Uno How me 7 i poto

Lim pa Uno How me 7 i poto

Byeko dwong pa fetalaiza ma mite

Cul ma lube ki tingo ki kelo fetalaiza.



Tye %10 ma mede ikom wel DAP ki Urea ma lube ki tingo ki kelo ki i dipot bot Tad ki Mi.

Wi opo me timo cura me % pa gin mo, waloko % doko decimol nyo purakcon ka wanyayo ki wel ma itye ka mito nongo % mere ni.

Me nongo %10 pa gin mo ni, wanyayo wel cente ma mite ki 10/100 or 0.10. Nyayo ki 0.10 rom aroma ki poko ki 10. Pi man, mayote wa poko wel cente ki 10 me nongo %10 ma mede pi tingo ki kelo fetalaiza ki i dipot.

Wel DAP ka wamedo ki %10 me ting ki kelo.

DAP tye \$24 pi kg 50 med ki %10 ma ki medo pi tingo ki kelo.

Me timo cura pi %10 pa \$24 = $24/10 = \$2.40$

Wel DAP medo ki culu pi ting ki kelone = $\$24 + \$2.40 = \$26.40$, ma watwero raunding mede wa i \$27. Tad ki Mim mite ni myero gu raunding wel cente gi pien ka pe kumeno, pe room bedo ki cente ma oromo me culu pi kodi ma mite.

Wel Urea med ki %10 me tingo ki kelo

Me timo cura pi %10 pa \$16 = $16/10 = \$1.60$

Wel Urea medo ki wel cul me ting ki kelo = $\$16 + \$1.6 = \$17.60$, ma watwero raunding mede wa i \$18.

DAP pi man nogo tye \$27 pi opiro acel me kg 50.

Urea tye \$18 pi opiro acel me kg 50.

Lapeny me atima pi cawa manok 13 – wel cul pi ting ki kelo fetalaiza.

- 1** DAP tye \$65 pi opiro acel me kg 50. Urea tye \$33 pi opiro acel me kg 50. Wel fetalaiza magi tye cilling adi ka wa medo ki cul me %10 me tingo ki kelo ki i depot?
- 2** Opiro acel me kg 50 me DAP tye \$83. Urea tye \$42 pi opiro acel me kg 50. Wel fetalaiza magi tye cilling adi ka wa medo ki cul me %8 me tingo ki kelo ki i depot?
- 3** DAP tye \$62 pi kg acel. Pi opiro acel me Urea ma tye kg 50 tye \$36. Wel fetalaiza magi tye cilling adi ka wa medo %5 me tingo ki kelo ki i depot?

Co lagam ma megii piny ka dong inen lagam ma tye I agiki pa buk man.

Lim pa Uno How me 7 i poto

Byeko dwong pa fetalaiza ma mite

Wel fetalaiza ducu med ki wel cul me tingo ki kelo ki i depot

Kombedi dong kit ma Tad ki Mim dong ngeyo wel cente me culu pi DAP ka Urea, medo ki cul pi tingo ki kelo, gin dong twero timo cura me nongo wel opiro adi ma gin mito kadong wel me culu fataiza magi ducu.

**DAP tye \$27 pi opiro ma tye kg 50, medo ki wel cul pi tingo ki kelo ki i dipot.
Urea tye \$18 pi opiro ma tye kg 50, medo ki wel cul pi tingo ki kelo ki i dipot.**

Opiro adi me DAP ma gi mito?

Tad and Mim moto kg 125 kg me DAP.

$$125/50 = 2.5$$

Gin mito opiro 2.5 me DAP ma bi tero \$27 ikom acel.

Man twero nyane pat pat: $\$27 \times 2$ med $\$27 \times 0.5 = \$54 + \$13.50 = \67.50

Wel opiro 2 ½ me DAP med ki wel cul pi tingo ki kelo ki i dipot = \$67.50

Opiro Urea adi ma ginmito?

Kit ma bene gin mito kg 125 me Urea, Gin bi mito opiro 2.5

Wel cente pa Urea = $\$18 \times 2.5$

Nyayo pat pat: $\$18 \times 2$ plus $\$18 \times 0.5 = \$36 + \$9 = \45

Wel opiro 2 ½ me UREA med ki wel cul pi tingo ki kelo ki i dipot = \$45

Wel fetalaiza ducu ma Tad ki Mim gi mito (125 kg of each) = $\$67.50 + \$45 = \$112.50$

Lapeny me atima pi cawa manok 14 - Wel fetalaiza ducu med ki wel cul me tingo ki kelo ki i depot.

- 1 Lapur mito DAP me kg 175. Opiro acel me kg 50 tye \$35 (medo ki cul me ting ki kelo ki i dipot). Opiro adi me kg 50 ma lopur magi mito ka dong opiro magi bi tero cilling adi?
- 2 Lapur mito Urea me kg 225. Opiro acel me kg 50 tye \$16 (medo ki cul me ting ki kelo ki i dipot). Opiro adi me kg 50 ma lopur magi mito ka dong opiro magi bi tero cilling adi?
- 3 Lapur mito DAP me kg 175 ka dong pi kg 75 fetalaiza Urea. Kilo 50 me tero \$40 (Labong wel me culu tingo ki kelo ki i dipot).wel cente ma mite pi opiro ma tye kg 50 tye \$15pa (cul pi tingo ki kelo pe tye iye). Opiro me kg 50 adi ma lapur mito pi DAP? Urea kono opiro adi? Opiro me fetalaiza magi ducu bi bedo cilling adi?

Co lagam ma meggi piny ka dong inen lagam ma tye I agiki pa buk man.

Lim pa Uno How me 7 i poto

Byeko dwong pa fetalaiza ma mite

Wel cente ducu ma mite pi fetalaiza opiro edek ducu



An acato fetalaiza i opiro me kg 50 ma opong keken. Pi man, wel cente ma mite pi fetalaiza ducu ma Tad ki Mim mito ni bibedo lamal loyo kit ma nongo kin tye ka mito kwede.

Tad ki Mim mite ni myero gin gu teme me byeka pi opiro ma opong keken ma ka bedo ki byek pi wilo nucu opiro mo keken. Man time ki rounding nucu opiro ducu ma mite me awila wek odok ma opong.

Uno twero keken cato opiro me kg 50.

Tad ki Mim mito opiro 2.5 pi fetalaiza acel acel ma gin mito tic kwede. Pi man, myero gin owil opiro 3 pi fetalaiza acel acel

Opiro 3 me DAP= $\$27 \times 3 = \81
Opiro 3 me Urea = $\$18 \times 3 = \54

Pi man wel cente ma mite ducu pi opiro 3 (ma I kom acel tye kg 50) me DAP ka opiro 3 (ma I kom acel tye kg 50) me Unrea tye \$135

Dok cen i lim pa Uno How me 7 i poto

Wel dyegi ma mite me acata me konyo culu pi fetalaiza

Tad ki Mim mito \$135 me culu pi fetalaiza.

Dyegi ariyo ma twero cate \$60 I kom acel bino kelo \$120 keken.

Pi man, gin twero cato dyegi ariyo pi \$120 ka dong gi culu \$15 ma okato ni, nyo bene gin twero cato wiye ma kato woko ni.

Lapeny me atima pi cawa manok 15 – Dyegi adi ma myero ki cat me culu pi fetalaiza

1 Lapur mito kg 125 me DAP. Opiro adi me kg 50 ma en myero owil? Wele ducu tye cilling adi ka opiro ma tye kg 50 tye \$32 (med ki %10 me ting ki kelo fetalaiza). Dyegi adi ma en myero ocati me tyeko cul man ka kom dyel acel tye \$52.

2 Lapur mito kg 675 me Urea. Opiro adi me kg 50 ma en myero owil? Wele ducu tye cilling adi ka opiro ma tye kg 50 tye \$43 (med ki %10 me ting ki kelo fetalaiza). Dyegi adi ma en myero ocati me tyeko cul man ka kom dyel acel tye \$60.

3 Lapur mito kg 300 me DAP ka kg 290 me Urea. Opiro adi me kg 50 ma en myero owil? DAP tye \$38 pi opiro acel acel me kg 50. Urea tye \$18 pi opiro acel acel me kg 50. Wel fetalaiza ducu tye cilling adi (med ki %10 me ting ki kelo fetalaiza). Dyegi adi ma gin ma myero ocati me tyeko cul man ka kom dyel acel tye \$50.

Co lagam ma meggi piny ka dong inen lagam ma tye I agiki pa buk man.

Dok cen i lim pa Uno How me 7 i poto

Lim pa Uno How me 7 i poto

Byeko dwong pa fetalaiza ma mite

Fetalaiza ma dong iyoo nge tyeko tic kwede

Tad ki Mim mite ni myero gu wil opiro 3 me DAP ka opiro Adek me Urea. Gin gi mito kg 125 keken pi fetalaiza magi ducu.

Gin bi bedo ki wi fetalaiza DAP kg 25 ma dong woko (150 kg -125 kg) ka Urea kg 25 ma dong ma nongo gin pe mito.

Jirani gi lyro bi wilo wiye fetalaiza ma dong ducu. Dong cilling adi ma myero ki ket pi balany man ma lyro bino wilo ni?

Kg 25 tye nucu opiro, pi man myero wele opiro me kg 50 ma opongi kid wok piny ki nucu. So for DAP, the price of 25 kg would be $\$27 \div 2 = \13.50

Pi Urea, wel kg 25 bi bedo bi bedo $\$18 \div 2 = \9

Pi man, wel pa kg 25 me DAP ka kg 25 me Urea bi bedo \$22.50, ma en aye Mim otyeko rounding woko me doko \$23.

Man nyutu niya, Tad ki Mim mite ni myero ocat dyegi ariyo keken pi \$120. Cente ma aa ki bot lyro bi weko gin dong bedo ki \$143 ma tere ni fetalaiza ma kato wel ma mite ni.

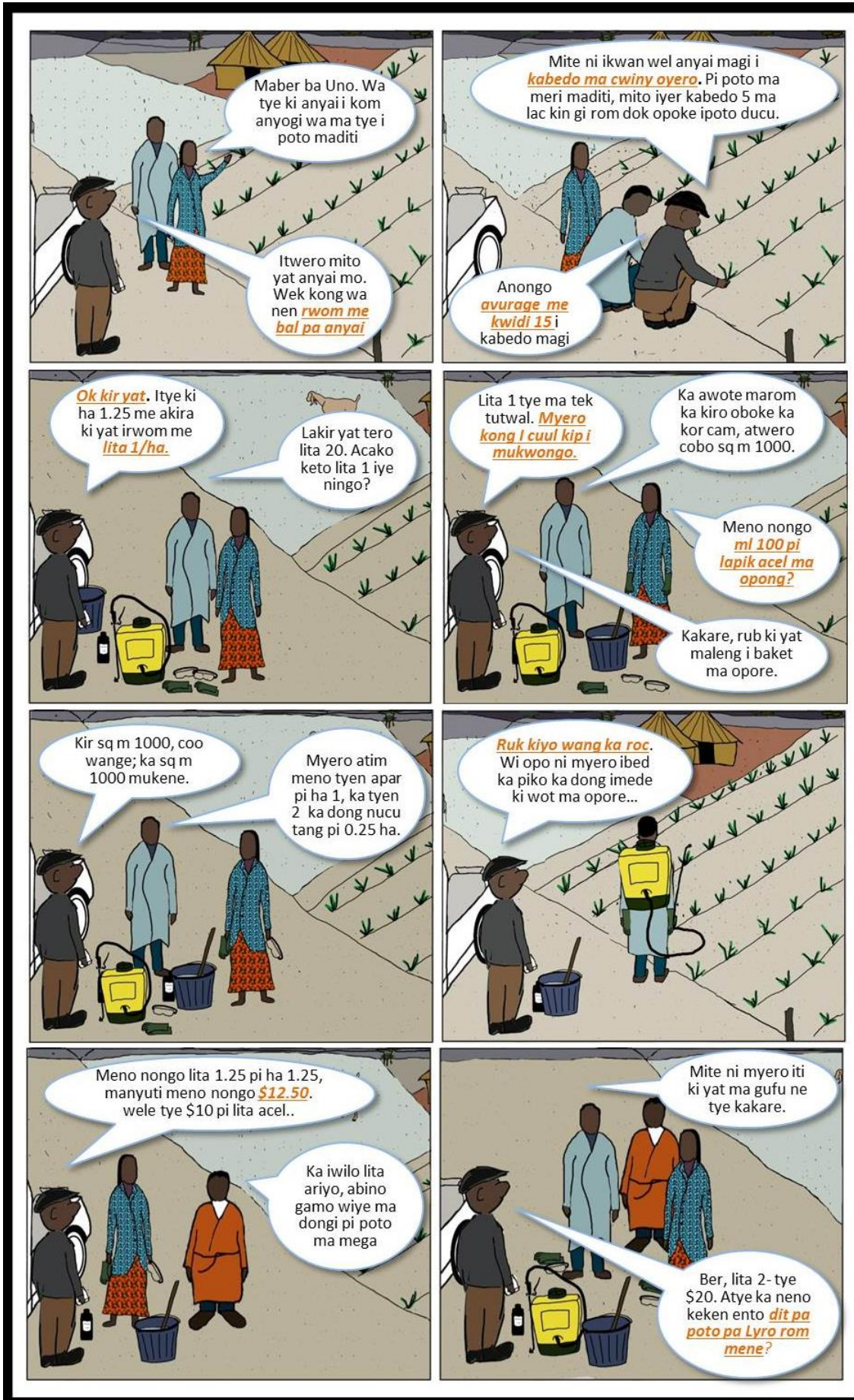
Lapeny me atima pi cawa manok 16 – Cura me nongo wel fetalaiza ma kato ki wel cente ma mite me culu en wiye eno ni

- 1 Lapur mito kg 175 me DAP. DAP kicato keken i opiro me kg 50 ma tye \$42 i kom acel (med ki tingo ki kelo). Opiro adi me kg 50 ma en myero owil? Kilo adi ma dong ki i yoo nge tic ki tic ki wel ma gin mito? Cilling adi ma myero lyro ocul pi kodi ma bi dong pi en ni?
- 2 Lapur mito kg 420 me Urea. Lacat Jami magi cato keken i opiro me kg 50 ma tye \$25 i kom acel (med ki tingo ki kelo). Opiro adi me kg 50 ma en myero owil? Kilo adi ma dong ki i yoo nge tic ki tic ki wel ma en mito? Cilling adi ma myero jirani ne ocul pi kodi ma bi dongi?
- 3 Lapur mito kg 310 me DAP ka kg 275 me Urea. Lacat Jami magi cato keken i opiro me kg 50. Medo wa ki culu tingo ki kelo, DAP tye \$35 pi opiro acel ka Urea tye \$20 pi opiro acel. Opiro adi me kg 50 ma en myero owil? Kilo adi ma dong ki i yoo nge tic ki tic ki wel ma en mito? Cilling adi ma myero jirani ne ocul pi kodi ma bi dongi?

Co lagam ma meggi piny ka dong inen lagam ma tye I agiki pa buk man.

Dok cen i lim pa Uno How me 7 i poto

Lim pa Uno How me 8 i poto... Jami ma mite pi yat akira



Lim pa Uno How me 8 i poto

Cura me nongo dwong pa yat akira ma mite

Rwom me bal pa anyai.



Anyai pol kre nongo tye i kom cam ma wa puru – pol gip e racu ikom cam wa (gin twero konyo me camo anyai mukene ma balo cam wa), ento mukene wa moko ni anyai ma kelo bale pa cam ka dong dwoko kero gi me cek ki ber gi piny. Ma rom aroma anyai ma balo cam, two bene twero kelo bale pa cam.

Anyai mukene pol kare nongo tye ikom cam ma meggi – mogo twero bedo ma nen, mukene twero ngene ki bal ma dong gin okelo i kom cam wa.

Anyai twero gwoke ki yoo me pur ma pol ma pat pat. Yoo me pur maber macalo loko wit cam ma ipuru i poto moni twero konyo me gengo poto anyai ki two.

Ka dong ibedo ki peko me anyai, itwero tam me gengo gi ki tic ki yat akira. Man obedo tic ma pol kare tero cente, pi man mite ni myero imok tam man ka tye ni anyai man twero kelo bale pa cam marac man konyo me weko ibedo agonya me kiro. Man kilowongo **trec ool lebul**.

Trec ool lebul pe rom pi anyai ma pat pat ka pi cam ma pat pat, ka bene cung i kom wel ki kare me dongo pa kodi mo ni. Ent ki ikom lok adaa, pole cung ikom kit ma lapur twero nongo yat ka jami lakir yat magi ki bene muken cung ikom ngec pa lapur ikom cam apura moni.

Peko me anyai twero dongo pi oyot oyot- pi meno, pire tek ni poto myero ki rot kare ki kare me neno k ace anyai mo tye ka dong tic ma mite twero moke pire ikare ne ki kome ma anyai nongo pud pe welgi pe okato olacu.

Kit ma in pe itwero ngino poto ducu kore ki kore, myero inen kabedo mogo ma iyero ki wang ma kwiri. Ka bedo magi walwong **campuling poin**. Cekcon ma tye ka bino ni waci kit me timo campuling i poto ma meggi, man konyi ibyeka me nongo wel anyai ma itye kwede i poto ma meri.

Lim pa Uno How me 8 i poto

Cura me nongo dwong pa yat akira ma mite

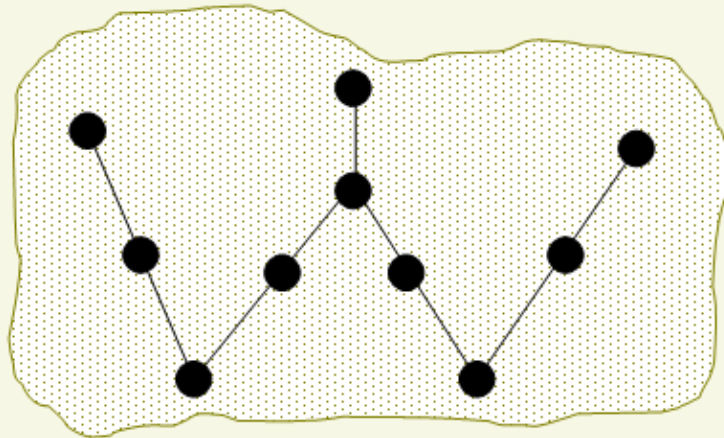
Kabedo me kwany campul



Pi poti ma pe oo ha 2, myero ibed ki kabedo me kwanyo campul i kin 5 ki 10 ma opoke i poto weng.

Cik ma tye aye ni myero iwot i “W” i poto, kun ibed ka yero cam ma tye kadongo i dye poto ka dong ki i iteng poto. Kakwanyo campul magi myero obed marom ma ube ki lac ki gi.

Campul acel acel nongo tye yen ma tye kadongo ma pat pat – bed ma ingeyo ne welt yen cam marom aroma aye myero kwano wel anyai magi otime iyee.



Anyai ma pat pat bedo ka ma pat pat i kom cam ma tye kadongo. (nyo ingom bene), pi man mite ni myero ingi kom cam ducu ma ber (wi pe owil ki oboke ma tye piny ka ma tye malo), ki bene ngom ma tye orumu en cam eno ma tye calo campul.

Ka dong ityeko kwano anyai ducu ma tye i campuling poin ducu, myero dong ikel figa magi ducu kacel wek ibed ki kero me timo cura me nongo **avurage** (nyo **Mean**) pa anyai ma tye i kabedo acel acel ma campuling otime iyee ni.

Lim pa Uno How me 8 i poto

Cura me nongo dwong pa yat akira ma mite

Avurag

Avurag ma bene ki lwongo ni mean en aye number ma ma rwate me cung pi dul namba nyo data mo ni.

Cura me nongo Avurag twero nonge ki i kom dul namba mo keken. Me timo cura man me nongo avurag, med namba ducu ma tye i dul nyo data moni ka ipok namba eno ni ki wel namba ma tye idul eno ni

Tad ki Mim otyeko roto poto anyogi ma meggi me neno anyai i ka bedo 5 ma pat pat i poto meno. Tad otiyo i kom kabedo me kwanyo sampul 3 ka Mim otiyo i kabedo 2 i poto ace leno ni.

Tad onongo kwidi 10, 17 ka 20 i kom anyogi 20 ma gi tye ka dong i kebedo acel acel pi kabedo 3 ducu ma en okwanyo sampul ki iye ni.

Mim onongo kwidi 9 ka 19 i kom anyogi 20 ma gi tye ka dong i kebedo acel acel pi kabedo 2 ducu ma en okwanyo sampul ki iye ni.

Pi man, magi ducu tye kwidi = $10 + 17 + 20 + 9 + 19 = 75$

Me nongo avurag pa namba magi, pok 75 ki 5 = $75 / 5 = 15$

Man nyutuni, **avurag** me kwidi 15 ononge ikom anyogi 20 ma ogure i kabedo me sampul acel acel.

Uno miyo tam Ki Tad ni **trec ool lebul** dong okato woko – man aye, kwidi 15 onen ikom anyogi 20 ma ogure. Man rwate ni wele kwidi ma ononge ni romo ni yat myero ki kir.

Lapeny me atima pi cawa manok 17 – cura me nongo avurag

1 Kwanyo sampul 10 i kabedo 6 ma tye i poto, lapur onongo wel anyai magi: 7, 9, 5, 9, 10, 8. Tim cura me nongo avurag pa anyai ma ononge i kabedo acel acel ma sampul ki kwanyo ki iye. Lanywak tam ki lopur cwako ni yat myero ki kirk a trec ool oo anyai 10 ikom cam ma ikom cam 10 ma tye kadongo. Mite ni lapur myero okir poto man?

2 Lapur onongo wel kwidi magi i ikom okono 8 ma en otimo sampul iye. Kom sampul acel en okwanyo cam 5 ma tye kadongo: 10, 18, 12, 21, 19, 15, 17, 20. Avurag me kwidi adi ma tye ikom i sampul acel acel ka dong ki dong pi cam ma tye kadong acel? En ngeyo ni myero ikir yat ka trec ool me kwidi otunu 3 pi cam ma tye kadongo acel acel. Mite ni en myero okir came?

3 Nong avurag pa dul namba magi matye pinyi:

a) 2, 5, 7, 8, 10, 4

b) 27, 30, 28, 35

c) 17, 18, 9, 16, 14, 17, 20, 13

Co lagam ma meggi piny ka dong inen lagam ma tye I agiki pa buk man.

Dok cen i lim pa Uno How me 8 i poto

Lim pa Uno How me 8 i poto

Cura me nongo dwong pa yat akira ma mite

Kiro

Lakir yat ka wit yen akira



Ikare man, tye wit yen ma pat pat me neko anyai, lanek doo ka dong lanek fwaangi(kelo two)kede kabed tye wit gi manok keken ma lopur romo nongo ki bot ministri ka ki i cuk me te dero pi man lapur dong meto owil.

Me yero yat maber cung ikom anyai moni, cam ma tye kadong, kare me dongo pa cam eno ni, cuk ka dong jami tic ma lapur tye kwede me kiro yat.

Yen bino ikit ma pat pat. Man tere ni gin mito yubu ka dong kiro gi iyoo ma pat pat. Yen mogo ki tiyo kwedgi ma buru nyo ma nyige ento pole ki kiro ma pige.

Yen magi ki yubu gi ma pige ki ikom ikom yat ma guvu ne tek dok liyo ma kilwongo **koncentret**, man myero irub ki diro dok ki pi maleng dok ma dwonge rwate

Ikare me kiro yen, kede kabed yat anyai, yat doo nyo yen mo keken, pire tek me yero jami tic ma rwate pi tic moni.

I poti matino, jami tic ma pole ki tiyo kwede en aye lapik ma ki byelo i ngec ma ki lwongo ni **Knapsack spreya**.

Lakir yat magi bino i caci ma pat pat – manyuti, tank gi ducu nongo dit gi bedo pat pat. Pire tek tutwal me ngeno dit pa tank moni ma pud pe icako tic kwede me kiro yat.

Tye tyen lok ma pol mukene ma calo dwong pa yat akira ma rwate/cik yee myero angyeya ka ki niang ka ki mito kiro yat mo ni. Man ki tito pire i unit ma lubu yoo nge man.

Lim pa Uno How me 8 i poto

Cura me nongo dwong pa yat akira ma mite

Dwong pa yat anyai ma cik yee/cimo

Ka dong i tyeko yero yat ma rwate me tic i poto ma meri, mite ni myero itim cura me nongo ma rom mene ma mite me akira. Yat anyai, yat doo ka yat faangi ducu tye dwongi ma pat pat ma cik cimo ma bene lubu kare me donga pa cam moni ma mito akira ni.

Dwong pa yat ma cik yee kicoyo i kor cupa nyo ikom paket me yat moni (ka yat mo ni tye ma buru nyo manyige)

Coc ma ikom yen ducu pole miyo ngo me atima ki dwong pa yat (**Volum**) me akira pi kabedo moni.

Volum pa yat anyai me akira pi kabedo moni.

Yoo ma dong yot loyo, dwong pa yat me akira ki nyutu ma calo volum ma myero ki kir pi ka bedo moni. Man twero bedo i lita pi hecka acel acel (L/ha) labole. Dwong pa yat akira man twero time ma ber kun watiyo ki dit pa kabedo ma mito akira ka dong volum pa yat ma mite.

Labole, yat ma Tad ki Mim mito tic kwede cik yee me tic ki lita 1 pi hecta acel (1L/ha)

Lita 1 = 1000 milimita(ml) ka hecta 1 = 10000 sq m (m²)

Pi man, lita 1 pi hecta acel rom aroma ki 1000 ml pi 10000m².

Pien tye 10000m² i hecta acel acel, watwero poko 1000ml ki 10000 me nongo dwong pa yat me akira ma mite i milimita pi cikweya mita acel acel.

$$1000\text{ml}/10000 = 0.1 \text{ ml}/\text{m}^2$$

Pi meno, dwong pa yat me akira ma cik aye ni lita 1 pi hecta acel acel rom aroma ki 0.1 ml/m²

Lapeny me atima pi cawa manok 18 – tiyo me nongo volum pa yat ma mite pi ka bedo/poto moni.

1 Lapur tye ka tic ki yat anyai ma cik cimo ni ki twero tic ki lita 0.5 pi ha acel. Man nongo rom mene i milimita/m². Ka poto ne tye ha 0.75, yat ma rom mene ma en myero owil ducu?

2 Lapur mite ni myero okir yat ma dwonge tye lita 0.2 pi ha acel. en nyeyo ni poto ne tye ecka 0.5. Yat ma rom mene ma en myero onong?

Co lagam ma meggi piny ka dong inen lagam ma tye I agiki pa buk man.

Lim pa Uno How me 8 i poto

Cura me nongo dwong pa yat akira ma mite

Culu yat anyai

Yat anyai ma cik yee me kiro lita 1 pi ha acel = 0.1 ml/m².

Ngeye ni pe twere me kiro yat manok kit man i kabedo ma calo meno ma cam tye ka dong iye. Pi man, pien yat nongo tye ma gufu ne pud tek (**concentrated**), mite ni myero i rub/icul ki pi mukwongo. Man ki lwongo ni **dailucon**. Kadong yat dong ki tyeko rubu kip i man dong bedo yat ma orube ki pi pe dong nongo yat keken.

Dailucon ret

Dwong pa yat me akira ma cik yee bene twero mine ki volum pa yat anyai ma myero ki med i volum pa pi moni (pi yat anyai ma buru, man twero bedo pek pa yat pi volum pa pi ma mite). Man kilwongo **dailucon ret**.

Ka wa tiyo ki la bol ma malo ni, coc ma ikom yat akira twero nyuti ni myero irub milimita 100 pa yat i lita 10 me pi ka dong ikir i kabedo (ngom) ma dite tye sq m 1000 nyo (1000m²).

Ki poko volum pa yat ki dit pa kabedo (ngom) ma mito akira land = $100\text{ml}/1000\text{m}^2 = 0.1 \text{ ml/m}^2$, watero neno ni man aye dwong pa yat akira ma cik oye ma ki nyutu pire con caa ento pi man, lanyut magi titi kit culu yat ma ka megii.

Raciyo ka pacent me ruub.

Malube ki labol ma kimiyo pire maloni, coc tye ka tito yat ma rom mene ka bene pi ma rom mene ma myero ki rub kacel. Kadi ka bed kumeno, lagony me tic ki yen magi miyo **raciyo** me culu yat nyo **pacent** me timo tic ace leno ni. Magi ki tito pirgi piny eno:

Pacent

I lim pa Uno How me 5 (wel cam ma tye kadongo i hecta ace acel), wapwonye ni pecent(%) tere ni adi ma itye kwede ikom 100. Dailucon ret kitwero tito pire i (%) ma nongo tere ni yat ma rom mene ma myero ibed kwede ducu i volum pa gin ma liyo ma dong irubu ni (yat **med** ki pi)

Labole, yat ma nyuti dailucon ret me %5. Man tere niya, myero ibed ki yat 5 i kom 100 pa pi ki yat ma dong ityeko rubu(yat med ki pi), man bene pud twero tite ni ml 5 me yat ikom dwong pa gin akira ma tye($100 - 5 = 95 \text{ ml bi bedo pi}$)

Pacent me rubu yat bene weki kare me timo cura me nongo yat ma rom mene me ameda i lapik ma pat pat (ma dit nyo matidi). Ka walubu labol ma okato maloni, ka lapik tye lita 20, itwero timo cura me nongo yat ma rom mene ma myero i med iye. Ma lube kin go ma wa pwonyo con, me timo cura me nongo % pa gin mo keken, waloko % i decimol ka wanyayo namba man ki wel ma imito nongo % mere ni.

Ki meno, me nongo %5 pa lita 20, myero kong ilok %5 i decimol:

$$5\% = 5/100 = 0.05$$

Nyaa $0.05 \times 20 \text{ lita} = 1 \text{ lita}$. Man tere niya, wek ibed ki %5 me rubu lapik lita 20, mite ni myero ki rub lita 1 me yat i lita 19 me pi.

Reciyo

Raciyo obedo wat ikin dwong pa jami ariyo. Raciyo pole ki nyutu pire ki alama me :

Labole, ka itye ki raciyo me 3:1 Romi ki Dyangi, man tere tye ni itye ki Romi ma dwonge dodo Dyangi tyen adek. Nyo ni, ka itye ki romi 30 man bene tere bene tye ni itye ki Dyangi 10 (pien $30 \div 10 = 3$).

Kit me tic ki yen bene kitwero titi yoo me rubu/culu kun nongo kitiyo ki raciyo. Labole, **reciyo me culu yat ma tye 1:4** waci niya, **1 but pa yat myero ki cul ki 4 pa but pi**. Ka ingeyo Volum/dit pa lapink ma ka megi, ci dong ngeno raciyo me culu yat kip i twero konyi me timo cura me nongo yat ma rom mene ma myero imed i tank/lapik.

Pi labol ma maloni, ki raciyo culu ma tye 1:4, pi lapik ma tye lita 20, me acel tim cura me nongo total pa raciyo magi ducu. Ma aye $1 + 4 = 5$

Ki man, pi but yat akira 5 duc, bute 1 myero obed yat. Ma calo %, watwero nyutu man ma calo decimol: $1/5 = 0.2$.

Nyaa 0.2×20 lita = lita 4. Pi man, pi raciyo me culu ma tye 1:4 ibino mito lita 4 me yat wek irub ki lita 16 ($20-4$) me pi i lapik me lita 20 ma meri.

Lapeny me atima pi cawa manok 19 – Dailucon ret, Pacent, Reciyo

- 1 Yat anyai ma ki nyutu ikome ni myero icul i rwom me %1. Dit pa lapik ma kamegi tye lita 15. Yat ma rom mene ka pi ma rom mene ma myero imed i tank/lapik wek inong kit me cul man (dailucon ret)?
- 2 Yat anyai ma ki nyutu ikome ni myero icul yat: pi i raciyo me 1:49. Dit pa lapik ma megi tye lita 10. Yat ma rom mene ka pi ma rom mene ma myero imed i tank/lapik wek inong kit me cul man (dailucon ret)?
- 3 Me nongo ret me cuul %15, Yat ma ro mene ma myero ibed kwede i lapik ma dite tye lita 50?
- 4 Ka itye ki tongi gwen : bwongi gwen i raciyo me 1:14 kadong ni itye ki tongi gwen 5, Bwongi adi ma in itye kwede.
- 5 Ka itye ki nyogi romi :megi romi i raciyo me 1:5 kadong itye ki romi 60 ducu, nyogi romi adi ka dong megi romi adi ma itye kwede?

Co lagam ma megi piny ka dong inen lagam ma tye I agiki pa buk man.

Dok cen i lim pa Uno How me 8 i poto

Lim pa Uno How me 8 i poto

Cura me nongo dwong pa yat akira ma mite

Cura me nongo guvu pa lapik i kare me kiro yat.



Ikare mukene, dailucon ret pe ki miyo ikor cupa me yat. Pi man, myero iti cura me nongo yat anyai me ameda i lipik ma ka meggi wek inong dwong pa yat ma opore me akira. Ka gin man otime, pire tek ni myero inge ma lakir yat meri tiyo kwede maber.

Tye kit lakir yat mapol i cuk – magi duc poke i kit me dit gi ka dong guvu gi me kiro yat. Pire tek tutwal ni inge man ka itye ki miti me nongo wel yat me akira i kabedo mo ni kakare.

Guvu pa lapik tito ki wan volum pa jami ma pige (pi/yat) ma lapik ngulu pi kabedo mo ni. Ngene ni, man bino cung i kom jami ma pol, ma calo kit, wel ka dong lac pa yat maker ki i dog lapik ki bene pew i owil ki dwiro me wot ma meri (Lakir yat).

Tye yoo ma pol me guvu me kiro yat pa lapik (Pomci). Pi lapik matino yoo ma yot loyo en aye me kiro lapik ma opong ki pi wek omak kabedo mo ni marom ka dong i pim dit pa kabedo eno ni. Labole, ka ikiro ka bedo matye rectengul ma dite tye mita 20 x 6, weki ki ngec ni lapik acel ma opong twero kiro m^2 120.

Tye yoo mukene ma atir me timo cura me nongo guvu pa lapik/pomci ento yoo magu ducu tye ma niango gi tek ka dong pi meno pe ki tito pirgi i buk man.

Guvu pa lapik ka dong dwong pa yat (koncentret) ma mite.

I labol man, dit pa ka bedo ma lapik ma opong acel kiro dong ki ngeyo.

Tad ki Mim mito kiro yat anyai i rwom me lita 1 pi hecta acel.

Gin ngeyo niya, ka lapik ma meggi opong, kiro ka bedo ma dite tye $1000 m^2$

Wan dong wa twero tic me nongo dwong pa yat me ameda i tank nyo lapik acel.

Lita 1 me yat ki moko ni myero okir $sq m$ 10000 ($10000 m^2$)

Man rom aroma ki ml 1000 pi m^2 10000. Me nongo ngo ma mite pi $1 m^2$, pok 1000 ki 10000 = 0.1 ml/ m^2 .

Ka dong me nongo ma rom mene ma mite pi $sq m$ 1000, nya 0.1 ml/ m^2 ki 1000 = 100ml.

Pi man, mite ni imed 100ml me yat i lapik acel acel ma gin kiro ipoto.

Labol (b) Dailucon ret

Labol man dok pat, pien pien itye ka timo cura ma ka meggi kun itiyo ki kekero me kiro piny pa lapik ma meri iyoo me wel lita pi hecta acel acel.

Ingeyo ni lapik ma kamegi tero Lita 15 ka ni kero pa lapik ma meri tye lita 250/ha.

Kom bedi dong itwero tic me nongo dit pa kabedo ma lapik ma meri ma opong twero kiro. (ma kite rom ki labol me lakwong a ma malo ni):

$15/250 = 0.06$. man tere niya, lapik acel me yat tyeko ha 0.06 ma en aye $10000 \times 0.06 = 600\text{m}^2$

Coc ma ikom yat nyutu ni myero ikir irwom me yat lita 2/ha (2L/Ha)

Kom bedi dong watwero tiyo yat ma rom mene me ameda i lapik acel

Lita 2 me yat mite pi m^2 10000. Man rom aroma ni **ml** 2000 pi m^2 10000. Me nongo yat ma rom mene ma mite pi 1 m^2 , pok 2000 ki 10000 = 0.2 ml/m^2 .

Ka dong, me nongo ma rom mene ma bi meite pi 600 m^2 , nyaa 0.2 ml/m^2 ki $600 = 120\text{ml}$.

Gin dong ki man mite ni gumed 120ml me yat i lita 15 me pi ma tye i lapik/pomci

Lapeny me atima pi cawa ma nok 20 – cura me nongo guvu pa lakir yat.

1 Itye ka tic me nongo guvu pa lapik ma meri. Lapik acel ma dite tye lita 10 twero kiro kabedo ma dite tye 25m x 50m. Guvu pa lapik magi ducu tye adi? Iromo timo man i m^2 ma lita acel twero tyeko?

2 Guvu pa lapik man tye ningo ka twero kiro ka bedo ma dite tye mita 30 x 40? Itwero byeko ariya/dit pa kabedo man i ecka?

3 Imito kira yat anyai irwom me yat lita 0.5 pi hecta acel acel. Guvu pa lapik ma meggi tye m^2 1500. Yat ma rom mene ma myero imed i lapik/tank acel?

4 Imito kira yat anyai irwom me yat lita 1.5 pi hecta acel acel. Ingeyo ni lapik tero lita 15 ka dong tero lita 100 me tyeko ha acel acel. Ti me nongo dit pa poto ma tank acel me yat twero kiro ka dong, ki i kom man, volum pa yat ma myero ameda i tank acel ma opong.

Co lagam ma meggi piny ka dong inen lagam ma tye I agiki pa buk man.

Dok cen i lim pa Uno How me 8 i poto

Lim pa Uno How me 8 i poto

Cura me nongo dwong pa yat akira ma mite

Jami ma pir git ego me Aluba ka itye ka tic ki yat akira

Pe tye i pwonye man me cura me oo kore ki kore me neno jami ma pir git ego ka wa tye ka tic ki yat akira.

Ento myero ibed ma ingeyo ni yat akira me pur tye ma rac dok twero neko gin moo keken makwo k ape wa tiyo kwedgi i yoo ma opore ikare me tic kwedgi. Twero kelo baal ka ngat ma tye ka kiro yat meno, ngat ma ocamo cam meno iyoo ngeye, lee ma itim ka bene ka bedo ma oromu wa (Man twero time i kabedo ma yat ki kiro iyee ki bene mene ma yat ma odong ki onyo iye).

Pi tyen lok magi, pol kare:

- Yer yat ma rwate me kiro cam ki bene anyai ma tye ipoto ma meri
- Lub gin atima ducu ma ki coyo i kor cupa ma ber dok ki diro – ti ki wel yat ma cik cimo dok kir i yoo ma opre.
- Kir yat ki lapik maber, dok ki pi ma orom dok ma leng.
- Kir yat kun itiyi ki jami aruka ma ka kare man lube ki yat ma itye ka kiro/tic kwede.(jami magi twero bedo bongo aburol ma pi pe tucu, rooc me cing, kofia me wic ki wang, jami me yweyo ka dong gam buut nyo war ma tye raba)
- Yen akira pol kare tye ma racu tutwal pi kwo ki bene twero neki kai camo. Pe iye yat mo keken ogud del komi, oton i wangi nyo ka mo keken. Pol kare lwoke ma leng ki i yoo nge tic ki yat mo keken.
- Gwok yat i cupa ma megii ma ki yubu gi kwede i ka bedo ma ngic, ma otwo, i citoo ma punge ka dong ka ma lutino pe tunu i ye(lamal pe piny ka ma lutini twero kwanyo ka mato).
- Pol kare kir yat ka piny tye ma opore (labole, pe ikir yat icawa ma yamo tye matek).
- Lub cik ma tye ikom cupa, gwoke pe me kiro yat ikare ma cam dong cook ka romo akawanya ki i poto(Nino ma nok loyo me kwanyo cam mo ki i poto i yoo nge kiro pole ki miyo pire ikor cupa).
- Wek lakir yat obed me tiyo tic acel keken ma peyaa ikobo ka tiyo tic mukene man myero olube ki lwoko gi ma leng pi tic mukene.
- Tek tutwal me onyo yat ma pew a tiyo kwede ma ber ma pe kelo bal. pi man myero wa bed ma wagwoke ka wa tye ka goyo pulan me kiro yat ki me rubu yat man konyo weko yat pe dong i yoo nge tic ki bene pe wa wako yat bedo ma kec tutwal.
- Ka itye ka rwenyo cupa me yat ma buru nyo pige ma itiyi, pole kare tuuc gi woko wek ngat mo pe dok okwany gi me tiyo tic mukene.

Lim pa Uno How me 8 i poto

Cura me nongo dwong pa yat akira ma mite

Cura me nongo wel cente ma mite pi yat akira



Ka ingeyo dwong pa yat akira ma mite pi ka bedo mo ni, ki dit pa poto ma mito akira ka dong wel cente ma tye pi tic man, itwero timo cura me nongo wel cente ducu ma mite pi kiro cam ma i poto ma ka meggi.

Tad ki Mim nyeyo m^2 (cikweya mita/sq m) ma lapik ma meggi ma tye lita 20 kiro. Me timo cura me nongo wel cente ma mite pi kiro cam ma meri, mukwongo myero inge lapik/tank adi me yat ma i mito me tyeko kiro poto ducu. Ki man dong watwero timo cura me nongo wel lita ma gin mito pi lapik magi ducu me yat ma poli.

Tad ki Mim Mite ni myero okir poto ma dite tye ha 1.25.

Tank acel me yat kiro kabedo ma dite tye m^2 1000 – ma tye ha 0.1. Me kiro ha 1.25, gin myero oti ki : tank $1.25 / 0.1 = 12.5$ me yat akira.

Tank acel mito ml 100 me yat, ma rom ki lita 0.1.

Pi meno, gin mito lita $0.1 \times 12.5 = 1.25$ me yat pi wel lapik ma tye malo ni.

Yat ma gin omoko me tic kwede ni wele tye \$10 pi cupa me lita 1

Gin twero wilo cupa 2 iwel me $2 \times \$10 = \20 .

Ka gin pe ocato ngo ma gin pe otiyo kwede bot Lyro, bi bedo acara me $1.25 \times \$10 = \12 .

Lapeny me atima pi cawa ma nok 21 - Cura me nongo wel cente ma mite pi yat akira

- 1 Itiyo dok inongo ni imito tank 15 me yat akira pi poti ma meri ki bene tye ni tank/lapik acel acel mito ml 50 me yat. Yat ki catoi wel me \$20 pi cupa me ml 500. Wel cente marom mene ma itiyo kwede pi yat ma iwilo?

Co lagam ma meggi piny ka dong inen lagam ma tye I agiki pa buk man.

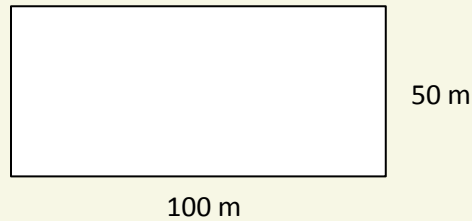
Dok cen i lim pa Uno How me 8 i poto

Lim pa Uno How me 8 i poto

Cura me nongo dwong pa yat akira ma mite

Dwong pa yat akira ma mite pi poto pa Lyro.

Poto pa Lyro ki nyutu pire piny eno:



Dit (Ariya) pa poto pa lyro tye $50 \times 100 = 5000 \text{ m}^2 = 0.5 \text{ ha}$

Lyro bino lego lapik pa Tad ki Mim ma kiro m^2 1000 pa poto ikom lapik acel acel – man rom aroma ki ha 0.1. me kiro 0.5 ha, lyro mite ni myero oti ki tank(lapik) 5 me yat akira.

Tank acelacel mito ml 100 me yat, ma rom aroma ki lita 0.1

Pi man, lyro mito **$0.1 \times 5 = 0.5$ lita me yat.**

Lyro tye ka wilo lita 0.75 me yat ki bot Tad ki Mim.

Gin tye ka cato bot Lyro iwel me \$7.50 (\$20 - \$21.50)

En myeroobed ji lita 0.25 me yat ma dong.

Kom bedi dong ityeko Buk me 2

Lagam ka yoo tic pi lapeny me atima pi cawa ma nok

Lapeny me atima pi cawa manok 1 – Cura me dit pa kodi ma mite ducu.

Lagam

- 1 67.5 kg Byek 75 kg
- 2 \$181.50 Byek \$180
- 3a 75 Byek 80
- 3b 178.5 Byek 189
- 3c 129.5 Byek 148
- 3d 97.5 Byek 105

Yoo tic

- 1 $4.5 \times 15 = 4 \times 15 \text{ med } 0.5 \times 15 = 60 + 7.5 = 67.5$ Byek = $5 \times 15 = 75$
- 2 $30.25 \times 6 = 30 \times 6 \text{ med } 6 \times 0.25 = 180 + 1.25 = 181.65$ Byek $30 \times 6 = 180$
- 3a $10 \times 7.5 = 75$ (nyik ton kabedo acel tung acuc) Byek $10 \times 8 = 80$
- 3b $21 \times 8.5 = 21 \times 8 \text{ med } 21 \times 0.5 = 168 \text{ plus } 10.5 = 178.5$ Byek $21 \times 9 = 189$
- 3c $37 \times 3.5 = 37 \times 3 \text{ med } 37 \times 0.5 = 111 \text{ plus } 18.5 = 129.5$ Byek $37 \times 4 = 148$
- 3d $15 \times 6.5 = 15 \times 6 \text{ med } 15 \times 0.5 = 90 + 7.5 = 97.5$ Byek $15 \times 7 = 105$

Dok cen

Lapeny me atima pi cawa manok 2 – Cura me nong dwong pa kodi ma mite pe heckta/ecka acel

Lagam

- 1 Heckta: 17.5 kg/ha Ecka: 7 kg/acre
- 2 Heckta: 20 kg/ha. Ecka: 8 kg/acre
- 3 Heckta: 12.31 kg/ha, raunding 12.5 kg/ha. Ecka: 5 kg/acre

Yoo tic

- 1 Heckta:

$$35 \div 2 = 17.5 \text{ kg/ha}$$

Ecka:

$$35 \div 5 = 7 \text{ kg/ecka}$$

- 2 Heckta:

$$60 \div 3 = 20 \text{ kg/ha}$$

Ecka:

$$60 \div 7 \frac{1}{2} \text{ nyaa ki 2 me rwenyo purakcon}$$

$$120 \div 15 = 8 \text{ kg/ecka}$$

- 3 Heckta:

$$40 \div 3 \frac{1}{4} \text{ Nyaa ki 4 me rwenyo purakcon}$$

$$160 \div 13 = 12.31$$

$$\text{Raunding me dok } 12.5 \text{ Dwong pa kodi me apita irwom me } 12 \frac{1}{2} \text{ kg/ha}$$

Ecka

$$40 \div 8 = 5 \text{ kg/ecka}$$

Dok cen

Lapeny me atima pi cawa manok 3 – Cura me nongo namba pa kodi ma tye kadongo i m² acel.

Lagam

- 1 Lutin kodi 10.8 i sq mita acel acel , ka ki pito kodi 4 i bur acel acel, ki rwom me twi ma tye 90%.
- 2 Lutin kodi 12.8 i sq mita acel acel, ka ki pito kodi 4 ki rwom me twi ma tye 80%.

Yoo tic

- 1 Nong dit pa ka bedo ma cung pi cam ma tye kadongo acel = 0.7×0.5

Wa ngeyo ni 0.7 rom arom ki 7/10 ka 0.5 rom ki 5/10 pi man, $7/10 \times 5/10 = 35/100 = 0.35$ sq m

Cam ma tye kadongo i m sq $1 = 1 \div 0.35$

0.35 dong cok ki acel iwi adek, ki man wangeyo ni lagam bi bino cok ki 3.

Nyaa namba magi ducu ki 100 wek wa rweny decimol nyo ton woko pi man wanongo $100 \div 35$

$$\begin{array}{r}
 2 \ . \ 8 \ 5 \\
 35 \overline{) \cancel{1} 10}^{\text{100}} \ . \ 30 \ 20 \ 0
 \end{array}$$

Citep me 1: $1 \div 35$. Pe donyo pi man wa woto anyim ki 1

Citep me 2: $10 \div 35$. Pe donyo pi man wa woto anyim ki 10

Citep me 3: $100 \div 35 = 2$ dong 30. Ket 2 iwi lain. Kit ma namba mukene dong peke me tero 30 iye ni, waketo ton/decimol ka dong ka dong 0 (Zero) i lain ma itere ka dong ton lain ma iwiye maloni.

Citep me 4: $300 \div 35 = 8$ dong 20. Wa keto 8 malo iwi lain inge ton. Med 0 mukene i lain ma itere ka dong iwot ki 20 anyim.

Citep me 5: $200 \div 35 = 5$ dong 25. Wa keto 5 malo iwi lain inge ton. 25 aye ma dong ka pok man otime kakare. Kit ma wan dong watye ki kabedo me decimol 2, pe dong mite me medo mukene. Wa twero bwoto wel ma odong.

Tye cam ma tye ka dongo 2.85 i sq m 1. Man watwero raunding woko me doko cam 3 ma tye ka dongo i sq m acel acel.

Pito kodi 4 i bur acel acel = $4 \times 3 = 12$ (Kodi ma tye i sq m 1)

Pacen(%) me twi pa kodi tye 90 = $12 \times 90/100 = 0.12 \times 90 = 0.12 \times 9 \times 10 = 1.08 \times 10 = 10.8$

Ye pi %90 me twi pa kodi, tye lutin kodi 10.8 i m² acel acel ka tye ni kodi 4 kipito i bur acel acel.

- 2 Nongo ka bedo ma cam ma tye ka dongo acel acel tye ka dongo iyee = 0.6×0.4

Wangeyo ni 0.6 rom ki 6/10 ka 0.4 rom ki 4/10 pi man, $6/10 \times 4/10 = 24/100 = 0.24$ sq m

Cam ma tye ka dongo i sq m $1 = 1 \div 0.24$ wa twero weko man ni obed 4

Tye cam ma tye kadongo 4 i sq m 1.

Pito kodi 4 i bur acel acel = $4 \times 4 = 16$ (Kodi ma tye i sq m acel acel)

Pacen (%) me twi 80 = $16 \times 80\% = 16 \times 80/100 = 0.16 \times 80 = 0.16 \times 8 \times 10 = 1.28 \times 10 = 12.8$

Ye pi pacen me twi me 80, tye lutin kodi 12.8 i sq m acel acel ka kodi 4 ki pito i bur acel acel

Dok cen

Lapeny me atima pi cawa manok 4 – Cura me nongo namba pa kodi ma tye kadongo i heckta nyo ecka acel iyoo nge putu kin gi.

Lagam

- 1 Lutin kodi 70000 pi heckta acel acel iyoo nge putu kin gi. Lutin kodi 28350 pi ecka acel acel iyoo nge putu kin gi.
- 2 Lutin kodi 40000 pi heckta acel acel iyoo nge putu kin gi. Lutin kodi 16200 pi ecka acel acel iyoo nge putu kin gi.
- 3 Yen 2000 pi heckta acel. Yen 810 pi ecka acel.

Yoo tic

- 1 Nong dit pa ka bedo ma cung pi cam tye kadongo acel = 0.5×0.5 .
Wangeyo ni 0.5 rom ki $5/10$ pi man , $5/10 \times 5/10 = 25/100 = 0.25$

Cam ma tye ka dongo 1 cung pi sq m $0,25$ ma tye $\frac{1}{4}$ pa m^2 .
Wel cam ma tye ka dongo i sq m $1 = 1 \div \frac{1}{4} = 4$, pi man tye cam 4 i sq m acel.

Kodi 4 ki pito i bur acel acel.= $4 \times 4 =$ kodi 16 pi sq m acel

Pacen me twi me $90 = 16 \times 90\% = 16 \times 90/100 = 0.16 \times 90 = 0.16 \times 9 \times 10 = 1.44 \times 10 = 14.4$

Ye pi pacen me twi me 90, nongo tye lutin kodi 14.4 pi sq m acel acel ka kdoi 4 ki pito i bur acel acel.

Putu wek odong lutin kodi 2 i bur acel acel = $14.4 \div 2 = 7.2$ man twero lwonge ni lutin kodi 7 i sq m acel.

Heckta:

Menongo wel cam ma tye ka dongo i **ha** acel inge putu kin gi: $7 \times 10000 =$ **70000 (Lutin kodi ma tye i ha acel i yoo nge putu kin gi).**

Ecka:

Menongo wel cam ma tye ka dongo i **ecka** acel inge putu kin gi: 7×4050
Nyaa magi pat pat: 7×4000 med $7 \times 50 = 28000 + 350 =$ **28350 (Lutin kodi ma tye i ecka acel i yoo nge putu kin gi)**

- 2 Me nongo ka bedo ma bur acel cung pire = 0.6×0.5
Wangeyo 0.6 rom ki $6/10$ ka bene 0.5 rom ki $5/10$ pi man, $6/10 \times 5/10 = 30/100 = 0.30$ sq m.

Cam ma tye i sq m $1 = 1 \div 0.3 = 3$, pi man, tye cok cok ki cam 3 i sq m acel.

Kodi 4 ki pito i bur acel acel.= $4 \times 3 =$ kodi 12 pi sq m acel

Pacen(%) me twi $70 = 12 \times 70\% = 12 \times 70/100 = 0.12 \times 70 = 0.12 \times 7 \times 10 = 0.84 \times 10 = 8.4$

Yee pi pacen 70 me twi pa kodi, nongo tye lutin cam 8.4 i sq m acel acel ka kodi 4 ki pito i bur acel acel.

Putu me dong lutin kodi 2 i bur acel = $8.4 \div 2 = 4.1$ ma watwero raunding piny me bedo lutin kodi 4 i sq m acel.

Heckta:

Menongo wel cam ma tye ka dongo i **ha** acel inge putu kin gi: $4 \times 10000 =$ **40000 (Lutin kodi ma tye i ha acel i yoo nge putu kin gi).**

Ecka:

Menongo wel cam ma tye ka dongo i **ecka** acel inge putu kin gi: 4×4050
Nyaa magi pat pat: 4×4000 med $4 \times 50 = 16000 + 200 =$ **16200 (Lutin kodi ma tye i ecka acel i yoo nge putu kin gi).**

- 3 Nong dit pa ka bedo ma cung pi bur acel = $2 \times 2.5 = 5$
Wangeyo ni 0.6 rom ki $6/10$ ka bene 0.5 rom ki $5/10$. pi man , $6/10 \times 5/10 = 30/100 = 0.30$ sq m.

Yen ma tye i sq m $1 = 1 \div 5 = 0.2$

Heckta: me nongo wel yen ma tye i ha 1: $0.2 \times 10000 =$ **2000 (yen ma tye i ha acel)**

Me nongo wel yen ma tye ka dongo i **ecka** acel: 0.2×4050
 0.2 rom ki $1/5$ ma bene rom ki poko gin aceli ke 5 pi man, wel yen i ecka acel acel tye $4050/5 = 810$
Yen i ecka acel acel = 810.

Dok cen

Lapeny me atima pi cawa ma nok 5 - Dwong pa kodi ma cik cimo ka wel kodi ma mite

Lagam

- 1 37.5 kg
- 2 80 kg
- 3 7 kg
- 4 13.75 kg

Yoo me timo cura man

- 1 2.5×15

Nyaa gi pat pat: 2×15 med 0.5×15

Nyayo ki 0.5 rom aroma ki poko ki 2. Pi man, $0.5 \times 15 = 7.5$ ka bene $2 \times 15 = 30$
Pi man $2.5 \times 15 = 30 + 7.5 = 37.5$

- 2 $10 \times 8 = 80$

- 3 0.5×14

Nyaano ki 0.5 rom aroma ki poko ki 2 pi man $0.5 \times 14 = 7$

- 4 11×1.25

Nyaano kun wa poko i gi pat pat: $11 \times 1.25 = 10 \times 1.25$ med $1 \times 1.25 = 12.5$ med $1.25 = 13.75$

Dok cen

Lapeny me atima pi cawa ma nok 6 – Cura me nongo wel cente ma mite pi kodi

Lagam

- 1 En bi mito kilo 30 me kodi. Wele ducu bi bedo \$150
- 2 En bi mito kilo 16.5 me kodi. Wele ducu bi bedo \$115.50
- 3 En bi mito kilo 52 me kodi. Wele ducu bi bedo \$208
- 4 En bi mito kilo 3 me kodi. Wele ducu bi bedo \$18

Yoo me timo cura man

- 1 Dwong pa kodi ma mite = $2 \times 15 = 30$ kg.

Wel kodi = $30 \times \$5 = \150

- 2 Dwong pa kodi ma mite = $1.5 \times 11 = 1.5 \times 10$ med $1.5 = 15 + 1.5 = 16.5$ kg

Wel kodi = $16.5 \times \$7 = 16 \times 7$ med $0.5 \times 7 = 112 + 3.5 = \115.50

- 3 Dwong pa kodi ma mite = $4.33 \times 12 = 4 \times 12$ med $0.33 \times 12 = 48 + 4 = 52$ kg.

Wel kodi = $52 \times \$4 = \208

- 4 Dwong pa kodi ma mite = $0.25 \times 12 = 3$ kg (Nyaa ki 0.25 rom aroma ki ma i poko ki 4).

Wel kodi = $3 \times \$6 = \18

Dok cen

Lapeny me atima pi cawa ma nok 7- Cura me nong intwec(wiye ma nywal) yoo me 1

Lagam

- 1 Intwec/wiye ma nywaal tye \$6.50. wel kodi ducu med ki intwec tye \$71.50
- 2 Intwec/wiye ma nywaal tye \$5.70. wel kodi ducu med ki intwec tye \$62.70

Yoo me tiyo cura man

- 1 Nong intwec me %10

10% pa \$65 = $\$65 \times 10/100$ Tim ma yot ki poko namba magi ducu ki 10 = $\$6.5 \times 10/10 = 6.5 \times 1 =$
\$6.50

Wel kodi ducu med ki intwec = $\$65 + \$6.5 =$ **\$71.50**

- 2 Nong intwec me %10

10% pa \$57 = $\$57 \times 10/100$ Tim ma yot ki poko namba magi ducu ki 10 = $\$5.7 \times 10/10 = 5.7 \times 1 =$
\$5.70

Wel kodi ducu med ki intwec = $\$57 + \$5.7 =$ **\$62.70**

Dok cen

Lapeny me atima pi cawa manok 8 – Nongo wiye ma onywal (yoo me 2)

Lagam

- 1 Wel kodi ma kitoro ki wiye ma onywal \$82.50
- 2 Wel kodi ma kitoro ki wiye ma onywal \$137.50
- 3 Wel kodi ma kitoro ki wiye ma onywal \$54
- 4 Wel kodi ma kitoro ki wiye ma onywal \$156.88

Yoo me tiyo cura man

- 1 Nong wiye ma onywal ki 110%

110% = 110/100

$\$75 \times 110/100$ Nong i yoo ma yot ki poko namba aryo weng ki 100 = $\$0.75 \times 110$
Pok i ngul: 0.75×100 med ki $0.75 \times 10 = 75 + 7.5 = 82.5$

Wel ducu ma otore ki wiye ma onywal = **\$82.50**

- 2 Nong wiye ma onywal ki 110%

$\$125 \times 110/100$ Nong i yoo ma yot ki poko namba aryo weng ki 100 = $\$1.25 \times 110$

Pok i ngul: 1.25×100 med ki $1.25 \times 10 = 125 + 12.5 = 137.5$

Wel ducu ma otore ki wiye ma onywal = **\$137.50**

- 3 Nong wiye ma onywal ki 108%

$\$50 \times 108/100$ Nong i yoo ma yot ki poko namba aryo weng ki 100 = $\$0.50 \times 108$
Nyayo ki 0.5 rom aroma ki poko ki 2 nyo poko nucu te lokke ni $108/2 = 54$

Wel ducu ma kitoro ki wiye ma onywal = **\$54**

- 4 Nong wiye ma onywal ki 106%

$\$148 \times 106/100$ Nong i yoo ma yot ki poko namba aryo weng ki 100 = $\$1.48 \times 106$
Pok i ngul: 1.48×100 med ki $1.48 \times 6 = 148 + 8.88 = 156.88$

Wel ducu ma kitoro ki wiye ma onywal = **\$156.88**

Dok cen

Lapeny me atima pi cawa manok 9 - Culu ki cam ma ocek ikare me kac

Lagam

- 1 Kilo 30.25 me anywagi bimitte ikare me kace, man tye ma kato wel ma en nongo ma nok.**
- 2 Kilo 23.83 me kabir bi mitte ikare me kac, man tye ma kate wel ma en nongo.**
- 3 Kilo 38.5 me kabir bi mitte ikare me kac, man tye ma kate wel ma en nongo.**

Yoo me tiyo cura man

- 1 Nong wel ma onywal ki 10%**

Tic ki yoo me acel:

$$10\% \text{ of } \$55 = \$55 \times 10/100 \quad \text{Nong iyo ma yot ki poko namba aryo weng ki } 10 = \$5.5 \times 10/10 = 5.5 \times 1 = \mathbf{\$5.50}$$

$$\text{Wel kodi ma otre ki } 10\% \text{ ma onywal} = 55 + 5.5 = \$60.50$$

Kero pa anywagi i wel me cente bibedo \$2 i kare me kac.

$$\text{Anywagi ma mitte me culu pi kodi} = 60.5 \div 2 = 30.25$$

Anywagi ma mitte me culu cente me kodi i kare me kac (\$60.50) = 30.25 kg

- 2 Nong wel ma onywal ki 10%**

Tic ki yoo me acel:

$$10\% \text{ me } \$65 = \$65 \times 10/100 \quad \text{Nong iyo ma yot ki poko namba aryo weng ki } 10 = \$6.5 \times 10/10 = 6.5 \times 1 = \mathbf{\$6.50}$$

$$\text{Wel kodi ma kitoro ki } 10\% \text{ ma onywal} = 65 + 6.5 = \$71.50$$

Kero pa kabir i wel me cente bibedo \$3 i kare me kac.

$$\text{Kabir ma mitte me culo pi kodi} = 71.5 \div 3 = 23.83$$

Kabir ma mitte me culu pi kodi i kare me kac (\$71.50) = 23.83 kg

- 3 Nong wel ma onywal ki 10%**

Tic ki yoo me acel:

$$10\% \text{ me } \$70 = \$70 \times 10/100 \quad \text{Nong iyo ma yot ki poko namba aryo weng ki } 10 = \$7.0 \times 10/10 = 7.0 \times 1 = \mathbf{\$7}$$

$$\text{Wel kodi ma kitoro ki } 10\% \text{ ma onywal} = 70 + 7 = \$77$$

Kero pa kabir i wel me cente bibedo \$ 2 i kare me kac.

$$\text{Kabir ma mitte me culo pi kodi} = 77 \div 2 = 38.5$$

Kabir ma mitte me culo pi kodi i kare me kac (\$77) = 38.5 kg

Dok cen

Lapeny me atima pi cawa manok 10 - Dyegi adi ma myero ki cati?

Lagam

- 1** Kilo 17.6 me kabir bi mitte i kare me kac. Lapur myero ocat dyegi 3 , ni kwanyo ka gu cato dyegi 2 i wel me \$80 ci gu medo \$8 mukene.
- 2** Lapur myero owil kilo 20 me kodi iwel me \$66 (ma tye iye %10 ma onywal). Gi bimito kilo 22 me kabir i kare me kac me culo pi kodi. Myero gu cat dyegi 2, ni kwanyo ka en ocat dyel 1 i wel me \$60 ci omedo \$6 mukene.
- 3** Lapur myero owil kilo 16.5 me kodi iwel me \$90.75 (ma tye iye 10% ma onywal). Gi bimito kilo 55 me kabir i kare me kac me culo pi kodi. Myero gu cat dyegi 3 , ni kwanyo ka en ocat dyegi 2 i wel me \$80 ci omedo \$10.75 mukene.

Yoo me timo cura man

- 1** Nong wel ma onywal ki 10%

Tic ki yoo me acel:

10% me \$80 = $\$80 \times 10/100$ Ti ki yoo ma yot kun ipoko namba aryo weng ki 10 = $\$8.0 \times 10/10 = 8 \times 1 = \8

Wel kodi ma kitoro ki 10% ma onywal = $80 + 8 = \$88$

Kero pa kabir bibedo \$5 i kare me kac.

Kabir ma mitte pi culo pi kodi = $88 \div 5 = 17.6$

Kabir ma mitte pi culo wel kodi i kare me kac (\$88) = 17.6 kg

Dyegi ma kero ne tye \$40. Wel dyegi ma myero ki cat = $\$88 \div 40 = 2$ dong 8, pi meno Lapur myero ocat **dyegi 3, ni kwanyo ka en ocat dyegi 2 i wel me \$80 ka omedo \$8 mukene.**

- 2** Wel kodi ma myero gu wil = wel kodi ma opore x dit pa poto = $10 \times 2 = 20$ kg me kodi

Wel kodi = $20 \times \$3 = \60

Nong 10% ma onywal ka iculu i kare me kac

Tic ki yoo me 1

10% me \$60 = $\$60 \times 10/100$ Nong iyo ma yot ki poko namba aryo weng ki 10 = $\$6 \times 10/10 = 6 \times 1 = \6

Wel kodi ma ki toro ki 10% ma onywal = $60 + 6 = \$66$

Kero pa kabir bibedo \$3 i kare me kac. **Kabir ma mitte me culo pi kodi = $66 \div 3 = 22$ kg**

Kero pa dyegi tye \$60. Wel dyegi ma myero gi cat = $\$66 \div 60 =$ dong 6 pi man Lapur myero ocat **dyegi 2, ni kwanyo ka ocat dyel 1 i wel me \$ 60 ci omedo \$6 mukene.**

- 3** Wel kodi me myero ki will = wel kodi ma opore x dit pa pot = $11 \times 1.5 = 16.5$ kg me kodi

Wel kodi = $16.5 \times \$5 = 16 \times 5$ med ki $0.5 \times 5 = 80 + 2.5 = 82.5$

Nong wel ma onywal ki 10%

Tic ki yoo me acel:

10% me \$82.5 = $82.5 \times 10/100$ Nong iyo ma yot ki poko namba aryo weng ki 10 = $8.25 \times 10/10 = \$8.25$

Wel kodi ma otore ki 10% ma onywal = $82.5 + 8.25 = \$90.75$

Kero pa kabir bibedo \$5 i kare me kac. **Kabir ma mitte pi culu pi kodi = $90.75 \div 5 = 18.15$ kg**

Kero pa dyegi tye \$40. Wel dyegi ma myero gi cat = $\$90.75 \div 40 =$ dong 2 pi man Lapur myero ocat **dyegi 3, ni kwanyo ka ocat dyegi 2 i wel me \$ 80 ci omedo \$10.75 mukene.**

Dok cen

Lapeny me atima pi cawa manok 11 - Timo cura me nongo wel kilo ma mitte me DAP ki Urea

Lagam

- 1** DAP 225 kg. Urea 225 kg
- 2** DAP 40 kg. Urea 40 kg
- 3** DAP 262.5 kg. Urea 262.5 kg
- 4** DAP 180 kg. Urea 180 kg

Yoo me timo cura man

- 1** Wel kilo me DAP ma mitte pi eka 2.25 = 100 x 2.25 = 225 kg

Wel kilo me Urea ma mitte pi eka 2.25 = 100 x 2.25 = 225 kg

- 2** Wel kilo me DAP ma mitte pi heckta 0.5 = 80 x 0.05 = 40 kg

Wel kilo me Urea ma mitte pi eka 0.5 = 80 x 0.05 = 40 kg

- 3** Wel kilo me DAP ma mitte pi eka 3.5 = 75 x 3.5

Pok eni i ngul ma pat pat: 75 x 3 med ki 75 x 0.5 = 225 + 37.5 = 262.5 kg

Wel kilo me Urea ma mitte pi eka 3.5 = 75 x 3.5

Pok eni i ngul ma pat pat: 75 x 3 med ki 75 x 0.5 = 225 + 37.5 = 262.5 kg

- 4** Wel kilo me DAP ma mitte pi heckta 2 = 90 x 2 = 180 kg

Wel kilo me Urea ma mitte pi heckta 2 = 90 x 2 = 180 kg

Dok cen

Lapeny me atima pi cawa manok 12 - Cura me nongo wel cente ki opiro me fatliza DAP ki Urea

Lagam

- | | | |
|----------|-------------------------------|-------------------------------|
| 1 | 50 kg me DAP = \$25.50 | 50 kg me Urea = \$15 |
| 2 | 50 kg me DAP = \$22.50 | 50 kg me Urea = \$14 |
| 3 | 25 kg me DAP = \$12.50 | 25 kg me Urea = \$6.25 |
| 4 | 25 kg me DAP = \$10.75 | 25 kg me Urea = \$6.25 |

Yoo me timo cura man

- 1** Nong wel cente ma wilo kilo 1 me DAP ce inyaa ki 50 me nongo kilo 50. Wel(Ton) tonne acel = \$510
 Kilo 1 = $510/1000 = \$0.51$
 Kilo 50 = 0.51×50
 Me nyayo ki 50, nyaa ki 100 ka ipok lagam man yie aryo
 $0.51 \times 100 = 51$ nucu pa 51 = 25.5 **Kilo 50 me DAP = \$25.50**

Nong wel cente ma wilo kilo 1 me Urea ce inyaa ki 50 me nongo kilo 50. Wel(Ton) tonne acel = \$300
 Kilo 1 = $300/1000 = \$0.30$
 Kilo 50 = 0.30×50
 Me nyayo ki 50, nyaa ki 100 ka ipok lagam man yiye ariyo
 $0.30 \times 100 = 30$ nucu pa 30 = 15 **Kilo 50 me Urea = \$15**

- 2** Nong wel cente ma wilo kilo 1 me DAP ci inyaa ki 50 me nongo kilo 50. Wel(Ton) tonne acel = \$450
 Kilo 1 = $450/1000 = \$0.45$
 Kilo 50 = 0.45×50
 Me nyayo ki 50, nyaa ki 100 ka ipok lagam man yie aryo
 $0.45 \times 100 = 45$ nucu pa 45 = 22.5 **Kilo 50 me DAP = \$22.50**

Nong wel cente ma wilo kilo 1 me Urea ci inyaa ki 50 me nongo kilo 50. Wel(Ton) tonne acel = \$280
 Kilo 1 = $280/1000 = \$0.28$
 Kilo 50 = 0.28×50
 Me nyayo ki 50, nyaa ki 100 ka ipok lagam man yie aryo
 $0.28 \times 100 = 28$ nucu pa 28 = 14 **Kilo 50 me Urea = \$14**

- 3** Nong wel cente ma wilo kilo 1 me DAP ci inyaa ki 25 me nongo kilo 25. Wel(Ton) tonne acel = \$500
 Kilo 1 = $500/1000 = \$0.50$
 Kilo 25 = 0.50×25
 Me nyayo ki 25, nyaa ki 100 ka ipok lagam man ki 4
 $0.50 \times 100 = 50$ $50 \div 4 = 12.5$ **Kilo 25 me DAP = \$12.5**

Nong wel cente ma wilo kilo 1 me Urea ci inyaa ki 25 me nongo kilo 25. Wel(Ton) tonne acel = \$250
 Kilo 1 = $250/1000 = \$0.25$
 Kilo 25 = 0.25×25
 Me nyayo ki 25, nyaa ki 100 ka ipok lagam man ki 4
 $0.25 \times 100 = 25$ $25 \div 4 = 6.25$ **Kilo 25 me Urea = \$6.25**

- 4** Nong wel cente ma wilo kilo 1 me DAP ci inyaa ki 25 me nongo kilo 25. Wel(Ton) tonne acel = \$430
 Kilo 1 = $430/1000 = \$0.43$
 Kilo 25 = 0.43×25
 Me nyayo ki 25, nyaa ki 100 ka ipok lagam man ki 4
 $0.43 \times 100 = 43$ $43 \div 4 = 10.75$ **Kilo 25 me DAP = \$10.75**

Nong wel cente ma wilo kilo 1 me Urea ci inyaa ki 25 me nongo kilo 25. Wel(Ton) tonne acel = \$250
 Kilo 1 = $250/1000 = \$0.25$
 Kilo 25 = 0.25×25
 Me nyayo ki 25, nyaa ki 100 ka ipok lagam man ki 4
 $0.25 \times 100 = 25$ $25 \div 4 = 6.25$ **Kilo 25 me Urea = \$6.25**

Dok cen

Lapeny me atima pi cawa manok 13 – Wel Cul ma mite pi gamo ki tingo fetalaiza

Lagam

- 1 Wel opiro ma tye ki DAP kilo 50 ma kitoro ki wel trangpot = \$71.50 Wel opiro ma tye ki kilo 50 me Urea ma kitoro ki trangpot = \$36.30**
- 2 Wel opiro ma tye ki DAP kilo 50 ma kitoro ki wel trangpot = \$89.64 Wel opiro ma tye ki kilo 50 me Urea ma otoke ki trangpot = \$45.36**
- 3 Wel opiro ma tye ki kilo 50 me DAP ma kitoro ki wel trangpot = \$65.10 Wel opiro ma tye ki kil 50 me Urea ma kitoro ki trangpot = \$37.80**

Yoo me timo cura man

- 1 Nong 10 % me wel DAP**
 $65/10 = \$6.5$

Wel opiro me kilo 50 me DAP ma kitoro ki wel trangpot = $65 + 6.5 = \$71.50$

Nong 10 % me wel Urea

$33/10 = \$3.3$

Wel opiro me kilo 50 me Urea ma kitoro ki wel trangpot = $33 + 3.3 = \$36.30$

- 2 Nong 8 % ma onywal ki ikom wel cente me DAP**

8% me $\$83 = \$83 \times 8/100$ Nong iyoo ma yot ki poko namba aryo weng ki 100 = $\$0.83 \times 8 = \6.64

Wel opiro acel ma tye ki kilo 50 me DAP ma kitoro ki wel trangpot = $83 + 6.64 = \$89.64$

Nong 8 % ma onywal ki ikom wel cente me Urea

8% me $\$42 = \$42 \times 8/100$ Nong iyoo ma yot ki poko namba aryo weng ki 100 = $\$0.42 \times 8 = \2.56

Wel opiro acel ma tye ki kilo 50 me Urea ma kitoro ki wel trangpot = $42 + 3.36 = \$45.36$

- 3 Nong % 5 ma onywal ki ikom wel cente me DAP**

Me nongo 5% me gin mo, bedo yot me nongo %10 (ki poko ki 10) ka dong nongo nucu pa lagam.

$\% 10$ me $\$62 = 6.2$. $5\% = 6.2/2 = 3.1$

Wel opiro acel ma tye ki kilo 50 me DAP ma kitoro ki wel trangpot = $62 + 3.1 = \$65.10$

Nong % 5 ma onywal ki ikom wel cente me Urea

Me nongo 5% me gin mo, bedo yot me nongo %10 (ki poko ki 10) ka dong nongo nucu pa lagam.

$\%10$ me $\$36 = 3.6$. $5\% = 3.6 /2 = 1.8$

Wel opiro acel ma tye ki kilo 50 me Urea ma kitoro ki wel trangpot = $36 + 1.8 = \$37.80$

Dok cen

Lapeny me atima pi cawa manok 14 - Wel cente ma mitte pi wilo fataliza

Lagam

- 1 Opiro 3.5 wele tye \$122.50 pi opiro 3.5 me fataliza DAP, ma ki toro ki wel trangpot.**
- 2 Opiro 4.5 wele tye \$72 pi opiro 4.5 me fataliza Urea, ma ki toro ki wel trangpot.**
- 3 Fataliza DAP: Opiro 3.5 wele tye \$154 pi opiro 3.5 me fataliza DAP, ma ki toro ki wel trangpot. Fataliza Urea: Opiro 1.5 wele tye \$24.75 pi opiro 1.5 bags me fataliza Urea, ma ki toro ki wel trangpot.**

Yo me nongo lagam man

1 Nong wel opiro ma cwalo kilo 50 = $175 \div 50 = 3$ dong 25 = **opiro 3.5**
Opiro acel acel wele tye \$35. Wel opiro 3.5 = 35×3.5
Nyaa ki acel acel : 35×3 med ki $35 \times 0.5 = 105 + 17.5 =$ **\$122.50**

2 Nong wel opiro ma cwalo kilo 50 = $225 \div 50 = 4$ dong 25 = **opiro 4.5**
Opiro acel acel wele tye \$16. Wel opiro 4.5 = 16×4.5
Nyaa ki acel acel : 16×4 med ki $16 \times 0.5 = 64 + 8 =$ **\$72**

3 DAP:
Nong wel opiro ma cwalo kilo 50 = $175 \div 50 = 3$ dong 25 = **opiro 3.5**
Opiro acel acel wele tye \$40 PE otore ki wel trangpot, nong 10%
 $40 \div 10 = 4$ pi meno ki 10% wel trangpot opiro cel me kilo 50 = \$44
Wel opiro 3.5 ma otore ki trangpot = 44×3.5
Nyaa pat pat: 44×3 med ki $44 \times 0.5 = 132 + 22 =$ **\$154**

Urea:
Nong wel opiro ma cwalo kilo 50 = $75 \div 50 = 1$ dong 25 = **opiro 1.5**
Opiro acel acel wele tye \$15 PE otore ki wel trangpot, nong %10
 $15 \div 10 = 1.5$ pi meno ki %10 me wel trangpot opiro acel me kilo 50 = \$16.5
Wel opiro 1.5 = 16.5×1.5
Nyaa pat pat: 16.5×1 med ki $16.5 \times 1.5 = 16.5 + 8.25 =$ **\$24.75**

Dok cen

Lapeny me atima pi cawa manok 15 - Wel dyegi ma myero ki cat me culo pi Opiro mupong me fatalaizer.

Lagam

- 1 Opiro 3. wele tye \$105.6 wa ki wel me kelo Opiro 3 enoni.
Myero gu cat dyegi 3, onyo dyegi 2 i wel me \$104 ka giwtero medo \$ 1.60 mukene**
- 2 Opiro 14. Wele tye \$662.2 wa ki wel me kelo Opiro 14 enoni.
Myero gu cat dyegi 12, onyo dyegi 11 i wel me \$660 ka gitwero medo \$ 2.20 mukene**
- 3 DAP; Opiro 6. Wele tye \$250.8 wa ki wel me kelo Opiro 6 enoni.
Myero gu cat dyegi 6, onyo dyegi 5 i wel me \$250 ka gitwero medo \$ 0.80 mukene
Urea; Opiro 6. Wele tye \$118.8 wa ki wel me kelo Opiro 6 enoni.
Myero gu cat dyegi 3, onyo dyegi 2 i wel me \$100 ka gitwero medo \$ 18.80 mukene**

Yoo me timo cura man

- 1 Wel Opiro ma tye iye kilo 50 = $125 \div 50 = 2$ dong 25 = k opiro 2.5. Bimite ni en myero owil **opiro 3**.
Opiro acel acel tye i wel me \$32. Wel opiro 3 = $32 \times 3 = \$96$
10% me \$96 = 9.6 te lokke ni wel ducu pi opiro 3 bags = $96 + 9.6 = \$105.60$ wa ki wel kelone.
Dyel 1 kerone tye \$52.
 $105.6 \div 52 = 2$ dong 1.6, Te lokke ni bimite ni gucat **dyegi 3, onyo dyegi 2 pi wel me \$104 ka gitwero medo \$1.60 mukene.****
- 2 Wel opiro ma tero kilo 50 = $675 \div 50 = 13$ dong 25 = opiro 13.5. Bimite ni en owil **opiro 14**.
Opiro acel acel tye iwel me \$43. Wel opiro 14 = $43 \times 14 = 43 \times 10$ med ki $43 \times 4 = 430 + 172 = \602
10% me \$602 = 60.2 te lokke ni wel ducu = $602 + 60.2 = \$662.20$ wa ki wel kelone.
Dyel 1 kerone tye \$60.
 $662.2 \div 60 = 11$ dong 2.2, te lokke ni myero gucat **dyegi 12, nyo dyegi 11 goats i wel me \$660 ka gitwero medo \$2.20 mukene.****
- 3 DAP: Wel opiro ma tero kilo 50 = $300 \div 50 =$ opiro 6. Mitte ni en owil **opiro 6**.
Opiro acel acel tye iwel me \$38. Wel opiro 6 = $38 \times 6 = \$228$
10% me \$228 = 22.8 te lokke ni wel ducu = $228 + 22.8 = \$250.80$ wa ki wel kelone
Dyel acel kerone tye \$50.
 $250.8 \div 50 = 5$ dong 0.8, te lokke ni myer gucat **dyegi 6, nyo dyegi 5 goats iwel me \$250 ka giromo medo \$0.80 ma okato ni.**

Urea: Wel opiro ma tero kilo 50 = $275 \div 50 = 5$ dong 25. Myero en owil **opiro 6**.
Opiro acel acel tye i wel me \$18. Wel opiro 6 = $18 \times 6 = \$108$
10% me \$108 = 10.8 te lokke ni myero en ocat dyegi 3 = $108 + 10.8 = \$118.80$ wa ki wel me kelone
Dyel acel kerone tye \$50.
 $118.8 \div 50 = 2$ dong 18.8, te lokke ni myeo gucat **dyegi 3 , nyo dyegi 2 goats i wel me \$100 ka medo \$18.80 mukene****

Dok cen

Lapeny me atima pi cawa manok 16 - Timo cura me wel ma myero ki cul pil wiye ma okato

Lagam

- 1 Opiro 4. Gi bidong ki kilo 25 dok gibingolo wel me \$ 21 pi wiye ma okato ni.**
- 2 Opiro 9. Gi bodong ki kilo 30 dok gibingolo wel me \$ 15 pi wiye ma okato ni.**
- 3 DAP: Opiro 7. Gi bodong ki kilo 40 dok gibingolo wel me \$ 28 pi wiye ma okato ni.
Urea: Opiro67. Gi bodong ki kilo 10 dok gibingolo wel me \$ 4 pi wiye ma okato ni.**

Yoo me timo cura man

- 1** Lapur mito 175 kg me DAP.
Wel Opiro me kilo 50 ma myero en owil = $175 \div 50 = 3$ ma dong 25 te lokke ni myero en owil **opiro 4**.
Wiye mukato aye wel ma en myero owil (50×4) kwany ki iye wel ma en mito (175) = $200 - 175 = 25$ kg.
Wel kilo 25 tye nucu pa wel Opiro acel me kili 50 = $42 \div 2 =$ **\$21**
- 2** Lapur mito kilo 420 me Urea.
Wel Opiro ma tye iye kilo 50 ma en myero owil = $420 \div 50 = 8$ dong 20 nyutu ni en myero owil **opiro 9**.
Ma dong aye wel ma myero en owil (50×9) kwany ki ikome wel ma en mito (420) = $450 - 420 = 30$ kg.
Me nongo wel kilo 30, nong wel kilo 10 ci inyaa ki 3
Wel kilo 50 = \$25 te lokke ni kilo 10 = $25 \div 5 =$ \$5
Wel kilo 30 = $5 \times 3 =$ **\$15**
- 3** Lapur mito kilo 310 me DAP.
Wel Opiro ma tye iye kilo 50 ma myero en owil = $310 \div 50 = 6$ dong 10 nyutu ni en myero owil **opiro 7**.
Ma dong aye wel ma myero en owil (50×7) kwany ki ikome wel ma en mito (310) = $350 - 310 = 40$ kg.
Me nongo wel kilo 40, nong wel kilo 10 ci inyaa ki 4
Wel kilo 50 = \$35 te lokke ni kilo 10 = $35 \div 5 =$ \$7
Wel kilo 40 = $7 \times 4 =$ **\$28**

Lapur mito kilo 290 me Urea.
Wel Opiro ma tye iye kilo 50 ma myero en owil = $290 \div 50 = 5$ dong 40 nyutu ni en myero owil **opiro 6**.
Ma dong aye wel ma myero en owil (50×6) kwany ki ikome wel ma en mito (290) = $300 - 290 = 10$ kg.
Me nongo wel kilo 10, watwero poko wel Opiro me kili 50 ki 5.
Wel kilo 50 = \$20 te lokke ni kilo 10 = $20 \div 5 =$ **\$4**

Dok cen

Lapeny me atima pi cawa ma nok 17 -Timo cura me nongo dyere ki dyere

Lagam

- 1 Avureg namba = anyai 8 pi poto ma gi yero. En pe myero okir yat akira.
- 2 Avureg namba = anyai 16.5 pi poto ma gi yero ma te lokke ni anyai tye 3.3 ikom kodi ma otwi acel acel. En myero okir yat akira
- 3 a. 6 b. 30 c. 15.5

Yoo me timo cura man

1 $7 + 9 + 5 + 9 + 10 + 8 = 48$

$48 \div 6$ poto ma gi yero = anyai 8 pi poto acel acel ma gi yero.
Pien 8 nok loyo 10, en pe myero okir yat akira i poto man

2 $10 + 18 + 12 + 21 + 19 + 15 + 17 + 20 = 132$

$132 \div 8 =$ anyai 16.5 pi poto acel acel ma gi yero (ikom kodi ma otwi)
Anyai i kom kodi mutwi acel acel = $16.5 \div 5 =$ anyai 3.3 ikom kodi acel acel mutwi.
Pien 3.3 is dit loyo 3, en myero okir.

- 3
- a $2 + 5 + 7 + 8 + 10 + 4 = 36 \div 6 = 6$
 - b $27 + 30 + 28 + 35 = 120 \div 4 = 30$
 - c $17 + 18 + 9 + 16 + 14 + 17 + 20 + 13 = 124 \div 8 = 15.5$

Dok cen

Lapeny me atima pi cawa manok 18 - Timo cura me nongo wel yat akira ma myero gi kir pi area acel acel

Lagam

- 1 Kit ma myero ki kir yat akira 0.05 ml/ m^2 . Lapur bi mito 375 ml me yat akira.
- 2 40.5 ml me yat akira, ma ki twero Waco ni 41 ml

Yoo me timo cura man

- 1 Lita 0.5 pi heckta acel acel rom aroma ki 500ml pi $10,000 \text{ m}^2$ acel acel.
Wapoko 500ml ki 10,000 wek wanong wel mililita ma rwate ki cikweya mita:
 $500\text{ml}/10,000 = 0.05 \text{ ml/m}^2$
 $0.75 \text{ ha tye } 10,000 \times 0.75 = 7500 \text{ m}^2$.
Tyen lokke ni, en bi mito $7500 \times 0.05 = 375 \text{ ml}$ me yat akira pi poto mere.

- 2 0.2 lita pi heckta acel acel rom aroma ki ml 200 pi $10,000\text{m}^2$ acel acel.
Wa poko ml 200 ki 10,000 wek wanong wel milimita ma mitte pi cikweya mita acel acel:
 $200\text{ml}/10,000 = 0.02 \text{ ml/m}^2$.
0.5 acres is: $0.5 \times 4050 = 2025 \text{ m}^2$.
Pi meno, lapur bi mito $2025 \times 0.02 = 40.5 \text{ ml}$ me yat pi poto ma mere. Man wa wa twero rounding me doko 40ml.

Dok cen

Lapeny me atima pi cawa manok 19 –Dailucon ret, percent ki ratio

Lagam

- 1 Mili lita (ml) 150 me yat akira myero ki med ka lita 14.85 me pi bene myero ki med.
- 2 Mili lita (ml) 200 me yat akira myero ki med ka lita 9.8 me pi myero bene ki med.
- 3 Lita 7.5
- 4 Gweni ducu 70.
- 5 Nyogi romi 10 ka meggi romi 50

Yoo timo cura man

- 1 %1 = 0.01 i decimal
 $0.01 \times 15 = 0.15$ lita me yat akira pi tank acel acel, ma tye $0.15 \times 1000 = 150$ ml me yat akira ma myero ki med.
 $15 - 0.15 = 14.85$ lita me pi myero ki med.
- 2 Ka imedo ducu bino $1 + 49 = 50$.
 $1/50 = 0.02$
 $0.02 \times 10 = 0.2$ lita. Man nyutu niya $0.2 \times 1000 = 200$ mls me yat akira myero ki med.
 $10 - 0.2 = 9.8$ lita me pi myero ki med.
- 3 $15\% = 0.15$ i decimal(ton)
 $0.15 \times 50 = 7.5$ lita
- 4 Gweni ducu tye $5 \times 14 = 70$
- 5 $1 + 5 =$ bute 6 ducu. Bute acel acel tye $60 \div 6 = 10$.
 Te lokke ni itye ki rams 10.
 Itye ki meggi rom $5 \times 10 = 50$

Dok cen

Lapeny me atima pi cawa manok 20 -Cura ma kit ma lakir yat akira tiyo kwede

Lagam

- 1 Tank acel me lita apar kiro 1250 m^2 . Lita acel kiro m^2 125.
- 2 Ducu tye 1200 m^2 . Cok cok ki ecka 0.3.
- 3 Myero imed mililita 75 me yat akira iyi tank acel acel me pi.
- 4 Tank acel twero kiro m^2 1500 dok myero i kir 0.15 ml pi mita chikwea.
 Pi man, $1500 \times 0.15 = 225$ ml me yat akira mitte i lapik acel acel ma tero lita 15.

Yoo me timo cura man

- 1 Tank acel me lita apar twero kiro poto ma ditte tye $25 \times 50 = 1250 \text{ m}^2$
 Lita acel twero kiro poto ma ditte tye $1250 \div 10 = 125 \text{ m}^2$
- 2 Ka imedo ducu bino $30 \times 40 = 1200 \text{ m}^2$
 Man tye ma cok cok ki 4000 m^2 i eka acel
 $1200 \div 4000 = 0.3$ eka
- 3 Lita 0.5 pi heckta acel acel rom aroma ki ml 500 pi ecta acel acel onyo $500 \div 10000 = 0.05 \text{ ml/m}^2$.
 Me nongo wel ma mitte pi cikwea mita 1500, nyaa $0.05 \text{ ml/m}^2 \times 1500 = 75\text{ml}$.
 Man te lokke ni myero imed mililita 75(ml) me yat akira iyi tank acel acel me pi.
- 4 Lakir yat eni kiro lita 100 pi heckta acel acel. Pi meno lita 15 twero kiro $15/100=0.15$ heckta, ma rom aroma ki cikwea mita 1500.
 Man nyutu ni lita 1.5/heckta ma rom aroma ki 0.15 ml/m^2 .
 Pi meno, tank acel twero kiro 1500 m^2 dok itwero kiro i 0.15 ml/m^2 .
 Pi meno, $1500 \times 0.15 = 225$ ml me yat akira mitte iyi tank lakir yat akira acel me lita 15.

Dok cen

Lapeny me atima pi cawa manok 21 - Timo cura me wel yat akira me kiro poto.

Lagam

1 Wel lim me wilo yat akira bibedo \$ 40 onyo \$ 30 ka icato ma odonge bot jirani.

Yoo me timo cura man

1 Ibimito $50 \times 15 = 750$ ml me yat akira i poto.

Cupa acel pe bi romo – bi mitte ni omyero i wil cupa aryo (ducu lita acel) ma welle bibedo $2 \times \$20 = \40 .

Kit ma in imito lita 0.75 keken me yat akira ni , ibidong ki $1 - 0.75 = 0.25$ lita (nucu cupa).

Itwero cato man bot jirani pi $0.5 \times \$20 = \10 .

Man tyeni wel ma iculu pi yat akira ducu bebedo $\$40 - \$10 = \$30$.

Dok cen

Lim pa Uno How i Poto...

Kit ma namba lube kwede

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

Lim pa Uno How i Poto...

Meja me Lanyaa

x	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144