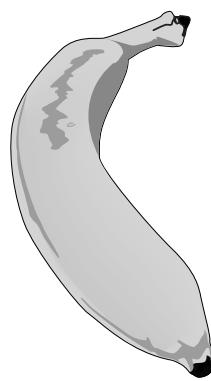


Mukanda wa Mathatha

$$\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$$



2412



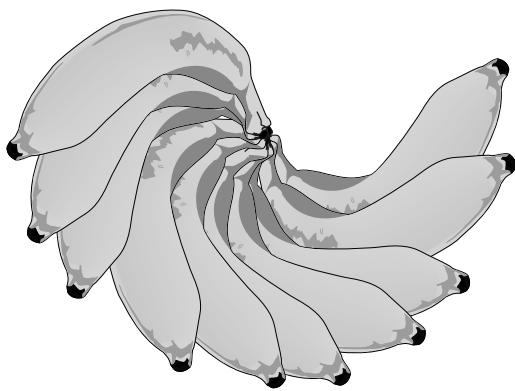
Konde limuwikha

Limuwikha

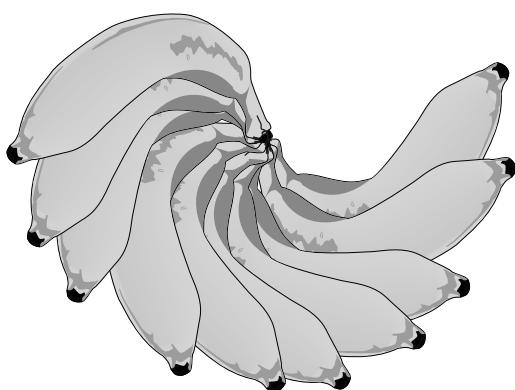
1

1 1 1 1 1 1 1 1 1 1 1 1 1 1

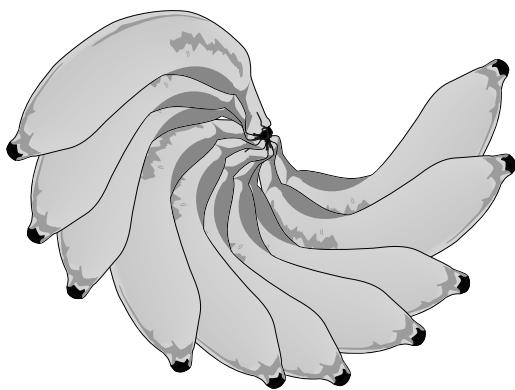
2



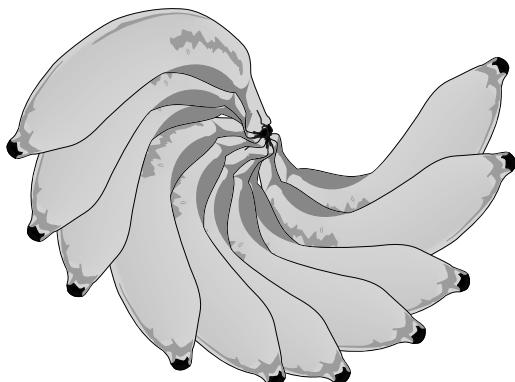
Kumi lya makonde



Kumi lya makonde



Kumi lya makonde



Kumi lya makonde

Milimo ya kwalula

$$1 - \begin{array}{|c|} \hline \boxed{} \\ \hline \end{array} \quad \begin{array}{|c|} \hline \boxed{} \\ \hline \end{array} \quad + \quad \begin{array}{|c|} \hline \boxed{} \\ \hline \end{array} \quad \begin{array}{|c|} \hline \boxed{} \\ \hline \end{array} = 4$$

2 + 2 = 4

2 – Kumbanyisa yituwa yize yinasalamo.

a)

1			4		6		8		10
	12			13				19	
		23			26		28		
			33	34			37		

b)

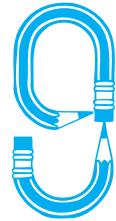
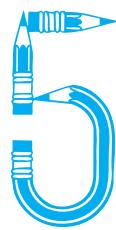
2		6	8		12		16
	20		24				32

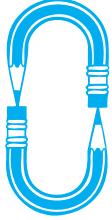
c)

5	10		20		30	35
40		50	55		65	
	80		90		100	105

d)

10		30			60
		90	100		



- 
- 5** – uteso wa khama
 - 2** – uteso wa makumi
 - 6** – uteso wa mitulo

Kumbanyisa milimo ai yinukaulako.


$$1) - \boxed{100} + \boxed{100} = 200$$

$$1) - \text{Lukhama nyi lukhama} = \text{khama jaali } (2)$$

$$2) - \boxed{100} \ \boxed{100} + \boxed{100} =$$



Khama jaali nyi lukhama umuwikha = _____ khama jingahi?


$$3) - \boxed{100} \ \boxed{100} + \boxed{100} \ \boxed{100} =$$



_____ Khama jaali nyi khama jaali = _____ khama jingahi?


$$4) - \boxed{100} \ \boxed{100} \ \boxed{100} + \boxed{100} \ \boxed{100} =$$

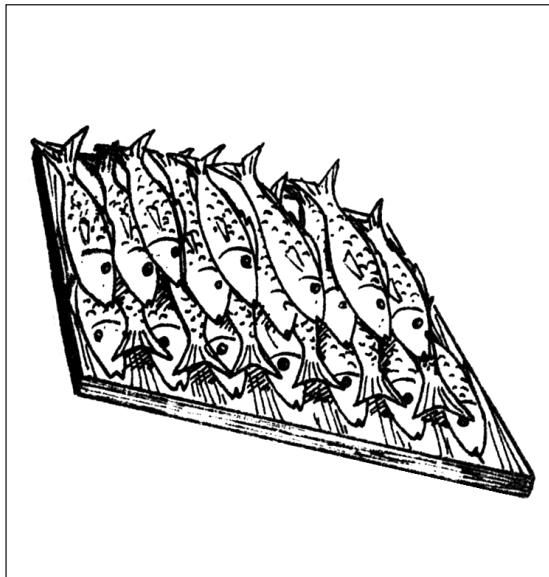
(3) khama jitatu nyi _____ khama jaali = _____ khama jingahi?

$$5) - \boxed{100} \ \boxed{100} \ \boxed{100} \ \boxed{100} + \boxed{100} \ \boxed{100} =$$

(4) khama jiwana nyi khama jaali = _____ khama jingahi?

Utepululo

Kuci ca kupwa mba utepulule?



5
5

6
6

7
7

8
8

9
9

Cimwe cizavu ca akwa kuswa yixi cinakaswa khama jitatu nyi makumi ximbyali nyi liva 379 a yixi, mba Yalanjisa khama jaali nyi makumi atatu nyi yixi awana (234) yixi angahi anakasala no cizavu.

Yixi angahi a salamo, mu cino cizoji?

$$\begin{array}{r} \text{Cizoji cinakaswa} & 379 \text{ a yixi} \\ \text{Cizoji cinakalanjisa} & - 234 \text{ a yixi} \\ \text{Cizoji casala nyi} & \hline 145 \text{ a yixi} \end{array}$$

Hanga tuhase kuningika cize casala ha unji wuze twaciza, catamba kute-pulula.

Kutepulula cili kuciza nyi nawa kuhandununa.

Tutalenu cize Casala:

$$\begin{array}{r} 25 \text{ miphama} & 135 \text{ yitwamo} \\ - 12 \text{ miphama} & - 122 \text{ yitwamo} \\ \hline 13 \text{ miphama} & 13 \text{ yitwamo} \end{array}$$

Linga mu mutwe

$$2 \times 4 =$$

$$4 \times 2 =$$

$$2 \times 5 =$$

$$5 \times 2 =$$

$$2 \times 7 =$$

$$8 \times 2 =$$

Kuci cize akwokesa?

$$\begin{array}{r} 123 \text{ mitondo ya kusoneka naco} \\ \times 2 \\ \hline \end{array}$$

Kakuputuka kwokesa ximbu yeswe nyi calulo ca kukwoko lya kwutata.
Cinga cokeso nyi calulu ca wokexi lamwe nyi calulo cikwo.

Muciya akutulikila muli mixete iwana, mu muxete umuwikha muli 143
mikanda ya kusonekena, mikanda yingahi ize ili mu muxete?

143 – mikanda ya kusoneka

$\times 4$ – mixete

572 – mikanda ya kusoneka

Kakulinga acize:

143 mikanda ya kusoneka

$\times 4$ Lakuputuka kwokesa catela
572 kuputukila ku calulo ca utata

$$4 \times 3 = 12$$

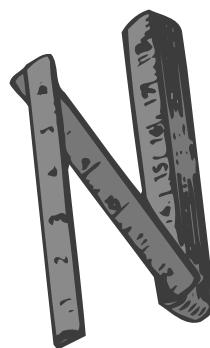
12 = 1 kumi nyi mitulo 2
mutusoneka mitulo 2
mba ciwano ca makumi mutucinga.
1 acize:

$$4 \times 4 = 16 + 1 = 17$$

hapwila mutwokesa 4×1 mba ku ciwano mutucinga 1

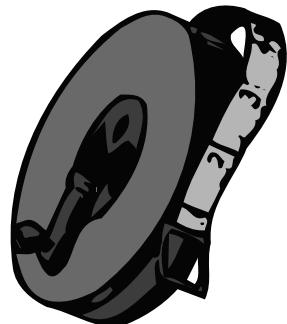
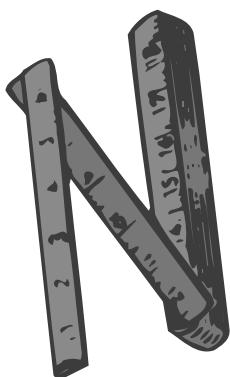
$$4 \times 1 = 4 + 1 = 5$$

Muze ciwano mucihyana liva (9) mutucinga makumi nyi khama ku ciwano cinosulako.



5

Ciphimo ca mukwa kupatula mapaya.



6

7

Tulilongesenu kulinga ciphimo hanga tuhase kuphima kunyingika ximbo jingahi ja usuhe wa cipatulo ca kulilongesela nyi yuma yikwo muzanga kuphima. Caxi cinji.

Citangu:

8

9

Acize:





Wano matangwa kanalula ximbu nyi yiphinji ya maximbu nyi maximbu akehe.

Maximbu ka kwaputukila kuciza ku (1) umuwikha ndo ku (12) kumi nyi yaali.

Ha (1) umuwilha nyi yikwo muli yiphinji (5) yitano.

Ulitete nyi ultete uli ciphinji ca ximbu yikehe.

Cili ngwe:

Tangwa: (1)

Lili nyi maximbu 24

Ximbu: 1

Lili nyi 60 lya mifunda

Mufunda:(1)

Uli nyi 60 yikwo yikehe.

Kumbulula:

Mifunda yingahi ili ha maximbu 2h?

Mifunda yikwo yikehe ingahi yili mu mifunda yaali 2?

Tala tangwa:

Mulonda usuku kakwusanika ngo mulonda wa kwinyika mifunda ya ximbu.

Mulonda ukehe wakwinika ximbu, kexiLha twakusanika ngo mutondo wa ximbu.