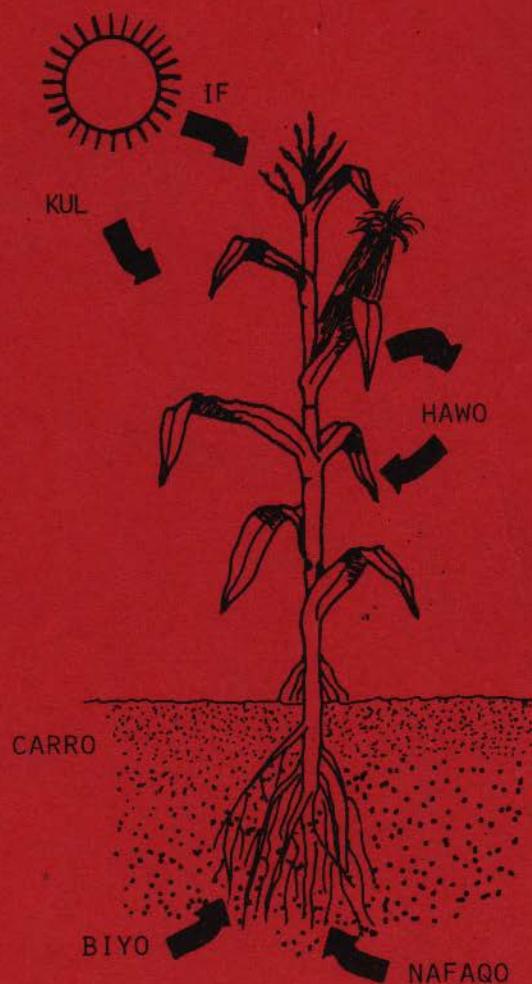


BEERALEY

BUUGGA FARBARASHADA



WASAARADDA WAXBARASHADA

XARUNTA WAXBARASHADA

DADKA WAAWEYN

**BUUGGA
FARBARASHADA
REER
MIYIGA**

**WAX BARO
WAXNA BEERO**

**WASAARADDA WAXBARASHADA
XARUNTA WAXBARASHADA
DADKA WAWEYN**

H O R D H A C

Buuggan waxa loogu tala galay dadka farbarashada bilaabaya. Gaar ahaan waxa loogu tala galay in uu gogoldhig u noqdo waxbarashada beeraleyda.

Buuggani wuxu u qoran yahay hab cusub oo laga yaabo in uu dhibaato u keeno barayaasha dhigi doona. Sidaas darteed waxaan barayaasha ka codsaneyna in ay si fiican u darsaan inta aaney bilaabin dhigistiisa.

Buuggan oo si deg deg ah loo qoray waxa laga yaabaa in ay ka soo baxaan goldalooloyin, sidaas darteed waxaan barayaasha ka codsaneynaa in ay warbixin, tusaalooyin iyo taloooyin ay naga soo siyyaan.

Qaybta hore waxa qoray Yaasiin X. Maxamuud iyo Manfred Wehrmann; xisaabta waxa qoray Cabdi Cabdul-lahi Suleymaan, qaybta dambe waxa qoray Ibraahim X. Barre.

Waxa garaacay Khadiija Maxamed Cabdalle. waxa musawirada u sameeyey Manfred Wehrmann.

Waxa xafiiskani si xushmad leh ugu mahad celi-nayaa dhammaan qorayaasha iyo qabanqaabiyaasha ka qeyb qaatey buuggan.

Qaybta galleyda waxa laga soo dheegey qoraal ay soo saartey beerta tijaabada ee Afgooye.

Ibraahim X. Barre

Maamulaha Xarunta W. D.
Waaweyn

GOGOLDHIGA BUUGA

Buuggan, oo loogu talo galay bilawga akhris/qo-raalka ee beelaha beeraleyda, waa mid habka dhigaal-kiisu ka duwanyahay buugtii ka horeysey ee bilowga akhris/qoraalka. Duwanaanshaasuu waa mid ka dhashay waayo aragnimada too yeeshay bilaabista iyo dhigista afka Soomaaliga.

Qaybta hore ee buuggani waxay ku saabsantahay barashada xarraha afka Soomaaliga. Qaybtaas qorayaashu waxay isku dayeen in ardaygu si deg deg ah u barto isuguna xiro muuqaalka iyo dhawaqa runta ah ee xaraf kasta leeyahay. Taasu waxay ku suurtogeleysa haddii marka u horaysa uu ardaygu barto xarafka isaga oo xarfo kale ku xiran, oo eray ka mid ah. Ardayga haddii loogu dhawaqa xarafka oo keligii ah, runtii waxa la barayaa cod khaldan oo aan kii xarafka ahayn. Tusaale: Xarfaha b, g, x iwm haddii keligood lagu dha-waaqo waxad maqlaysaa (ba, ga, xa). Laakin haddii ay eray ka mid yihiin waxad maqlaysaa dhawaqaooda dhab-ta ah. Keli ku dhawaqa xarfuhu waxay adkaynaysa sidii ardadu fudayd wax ugu akhriyi lahaayeen. Ardaygu hadduu rabo inuu akhriyo eray waa inuu xarfaha midba gooni ugu dhawaqa. Tusaale: ereyga "miis", ardaygu wuxu u baranayaa ma-ii-sa. Waxa hubaal ah in barayaasha iyo dadweynaha kale ee wax ka dhigay bilawga akhris/qo-raalka ay la kulmeen dhibaatada iyada ah.

Waxa jira dad badan oo ololayaashii bilawga akhris/qoraalka wax ka dhigtay, oo haddii la weydiyo xarfaha dusha ka dareerinaya, hase yeeshe xarfaha aan kala saari karin haddii ay meel ku qoranyihiin amaba aan xasususan karin dhawaqyadii xarfaha. Dhibaatadasu waxay ka dhalatay waybninka iyo xarfaha oo dusha laga dudubiyo, macallinkuna uu raali ku noqdo, isaga oo aan hubin in ardaygu isu garanayo ama isu yaqaan dhawaqa iyo sawirka xarfka. Arrinkaas waxa lagu daaweyn karaa haddii xarfaha ardaygu maalin walba ku soo now-noqdaan.

Waxa kale oo loo baahanyahay in ardaygu aanu xarafka mar walba isku meel ugu soo hagaagin. Waa in xarafaha laysu dhex geliyaa iyaga oo erayo ku jira, mararka qaarkoodna iyaga oo keli keli ah si loo hubiyo inuu sawirka xarafka xasuusan yahay, ardaygu. Marka ay mid midka yihiin waa in siday u kala horayn jireen mar walba la bedelo.

Tusaale:

- c, n, g, y, h laf, bad, hal, dab, af
- g, y, h, n, c bad, hal, af, dab, laf
- h, c, n, y, g af, dab, hal, bad, laf
 bad - dab
- cas - sac

Waa in la hubiyo in ardaygu uu kala yaqaan o ayaan iska dhex gelin xarfaha isu egi

d - b, n - m, g - y, i - l, u - w, h - n,
G - C, q - g.

Heerka xarfaha, codadkooda iyo erayada waxa ka dambeeya midka weedhaha fudud. Qaybtaas waxa loola danleeyahay in ardaygu barto sida deg deg wax loogu akhriyo, oo markuu isha ku dhufto uu markiiba garto sawirka erayada maalin walba soo mara. Waxa kale oo qaybtaas laga raba in ardadu ku barato qaybaha codeed ee erayada dhaddheer.

Qaybta saddexaad ee buugu waa qoraalo dhaadheer oo loola jeedo in ardadu ku muujiso higaadii iyo akhriegi ay labada qaybood ee hore ku soo barteen. Qaybtaas waxa kale oo loogu talo galay in ardaygu macluumaad ka korodhsado.

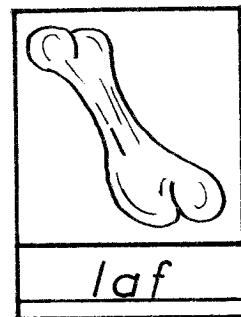
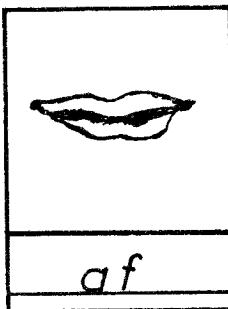
Mudada buuggan bilawga ah la dhigayo, waxa baraha looga baahan yahay inuu ardada mid mid ula shaqeeyo.

Way adagtahay si looga war helo waxyaalaha ku adag iyo sida ay u kala liitaan haddii ardada koox ahaan wax loogu dhigo oo aan arday walba dhibatadiisa gaar ahaaneed lala socon. Ardada waaweyn way xil qarsi badan yihiin, waana isku dhex dhuuntaan.

Baruhu waa inuu ku dadaalo toosinta iyo saxidda shaqada ardayga. Shaqo aan loo toosin doonin yaan ardayga weyn loo dirin. Farbarashada iyo dhigista xarfaha waa-in xoog la saaro. Habka xariiqaha leh ee buugga ku muujisan baa la rabaa in ardada lagu dhiri geliyo.

Casharada xisaabta ee ku dhex jira qaybta 2aad iyo 3aad waa ku loogu talo galay dadka beeraleyda ah. Barashada dhigaalka iyo akhriiga tirada ka sakow waxa loogu talo galay inuu qofku wax kaga qabto oo ay u fududayso dhibaatooyinka xisaabta u baahan ee dagaankiisa kala soo gudboonaada. Wawa kale oo looga jeeda in ay carbiso oo qofka beeraleyda ahi u jajabnaado hawlaha waqtiga iyo fekerka u baanan.

Qorayaasha Buugga



hal

laf

af

aflh

hal laf af fal

fal fal hal af af laf hal

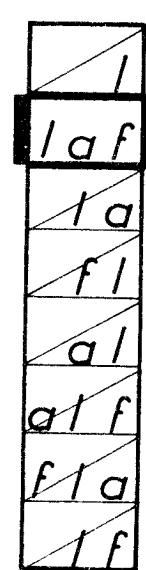
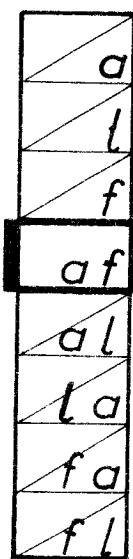
alfhhhffffafllhalfaaaffhal

a a a a a a

f f f f f f

l l l l l l

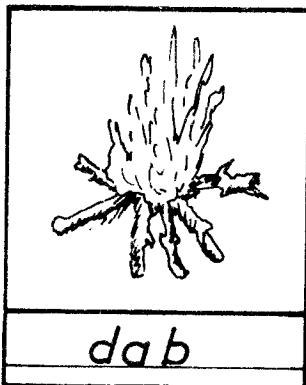
h h h h h h



a	f	l	h
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af laf hal fal

af laf hal fal



dab

bad

d b

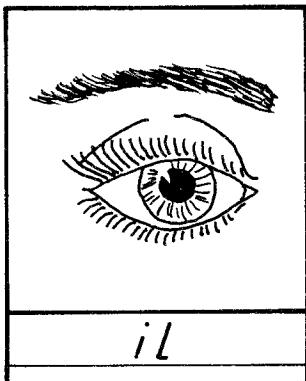
b d f l h a

dal bal lab fad dad

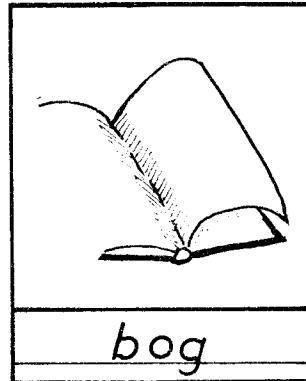
bal fad dad lab daldad fad lab bal dal

d l b f b a b h a d f

d d **d** d d **d** d **d** db **b** **b** b **b** b **b** b **b**



il



bog

i o g

b d g f l h a i o

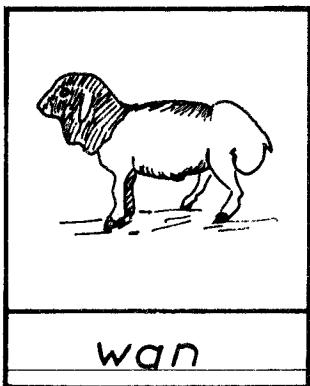
fog gob dib god gal il
hag hil fil dil gog dig

gob gal fog hag il

dib god hil gog dil

dig god hag il dib

fil fog hil gob gal



wan



san

w s n

b d s g f l n w h a i o

dan nin fan naf saf law sid

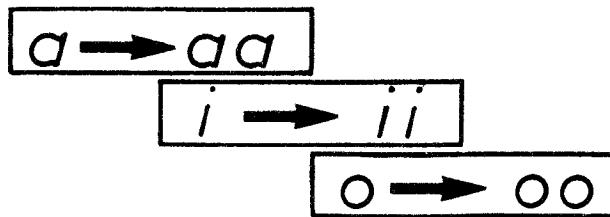
nin naf sid law nal

dan fan saf naf

fan sid dan law naf

nat saf nin sin

o ia h w n l f g s d b



fan — faan

saf — saaf

sin — siin

bal — baal

god — good

gob — goob

— diig

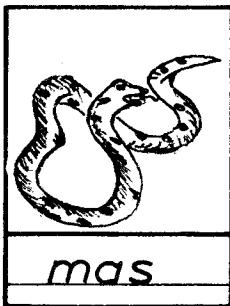
hil —

dab —

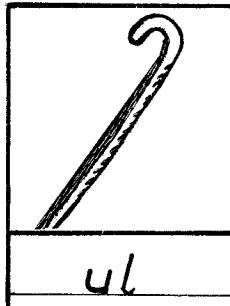
bad —

— daal

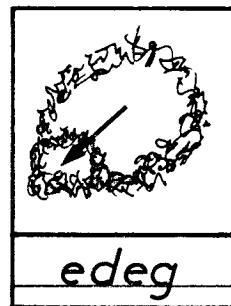
lab —



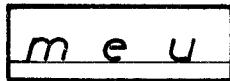
mas



ul



edeg



m e u

b d s g f l m n w h a e i o u

mug lug gef muus leef geel

geed lug gees muus

waa muus

waa dab

waa leef

waa miis

waa geel

waa suun

waa good

hal	laf	fal	af
dab	bad	lab	dal
bal	fad	if	bog
fog	gob	god	dib
gal	hag	hil	fil
il	dil	gog	dig
wan	san	dan	nin
fan	naf	saf	law
nal	sid	sin	faan
saaf	siin	baal	good
goob	diig	hiil	daab
baad	daal	laab	mug
lug	gef	muus	leef
geel	geed	gees	laaf
miis	suun	waa	

- 3 -

f	f	h	f	d	U	f	d	e
h	u	u	b	u	s	m	f	h
e	f	d	o	o	d	l	b	
h	m	d	o	o	d			
e	b	e	d	u	F	m	m	
o	b	h	e	f	d	e	w	
e	u	b	e	u	O	s	w	u
d	u	b	w	g	d	h	w	9
w	u	e	h	b	s	m	m	
m	s	e	h	w	w	w	w	
b	d	a	w	h	s	w	f	
h	g	w	h	g	w	m	h	
m	o	s	o	d	I	o	m	
e	b	s	o	I	b	1	w	f
w	o	g	a	a	a	b	b	

1



hal laf



hal af



hal baal



hal il

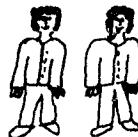


hal nin

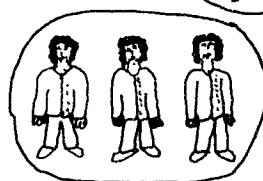
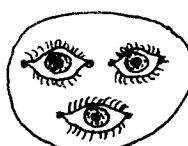
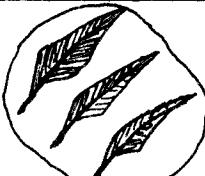
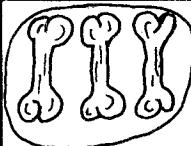
2



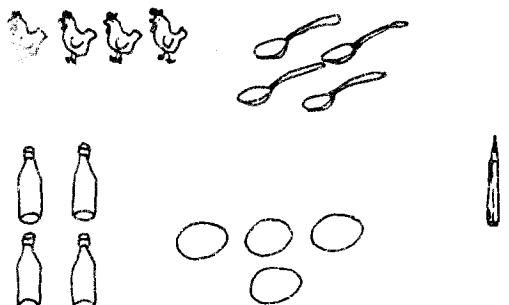
laba lafood



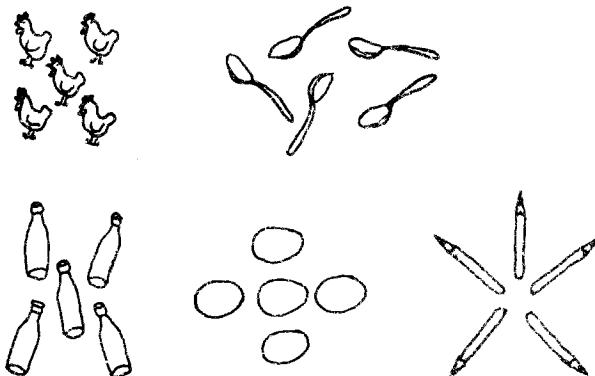
3



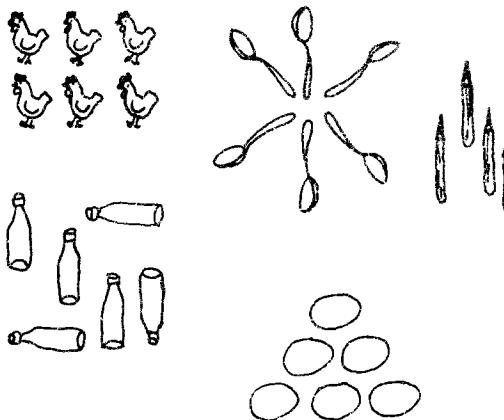
4

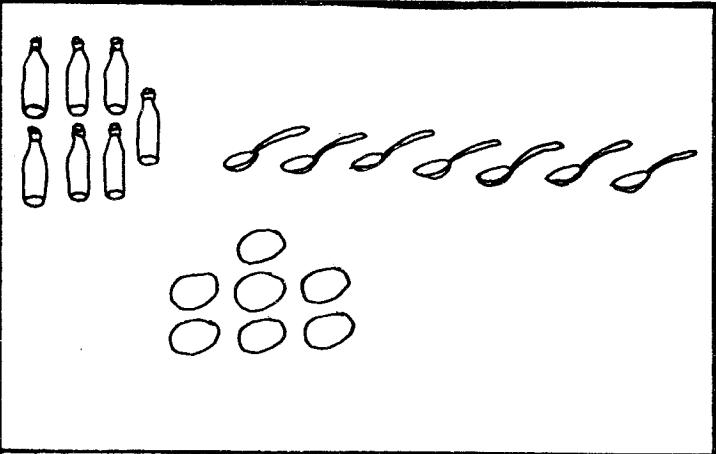
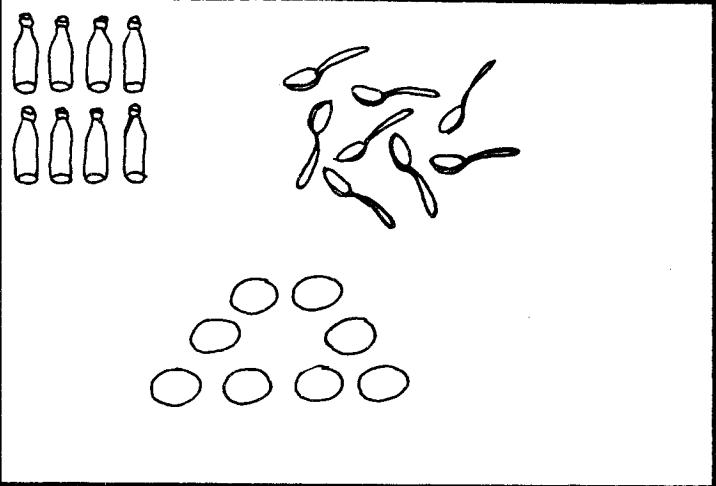
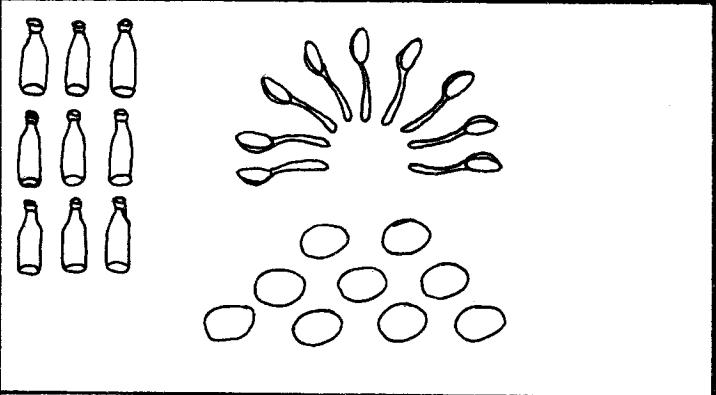


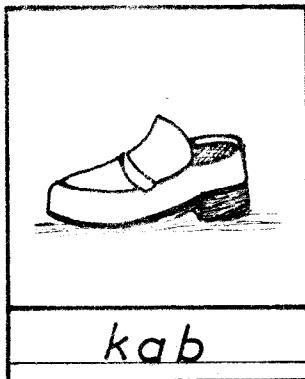
5



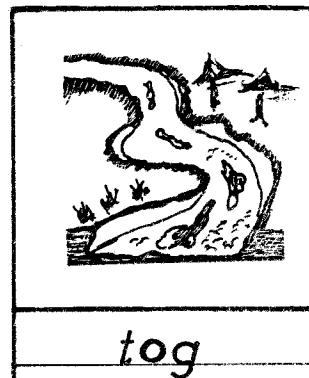
6



7	 A diagram divided into three sections. The top section contains five vertical bottles. The middle section contains eight horizontal loops. The bottom section contains six oval shapes.
8	 A diagram divided into three sections. The top section contains six vertical bottles. The middle section contains seven horizontal loops. The bottom section contains seven oval shapes.
9	 A diagram divided into three sections. The top section contains five vertical bottles. The middle section contains six horizontal loops. The bottom section contains eight oval shapes.



kab



tog

k t

b t d s g f k l m n w h a e i o u

koob tag keen tuug

-ta

kab - ta = kabta

dan - =

lug - ta = lugta

naf - =

laf - ta = lafta

goob - =

-ka

af - ka = afka

geed - =

dab - ka = dabka

nal - =

dad - ka = dadka

suun - =

dal - ka = dalka

wan - =

■	1
■ ■	2
■ ■ ■	3
■ ■ ■ ■	4
■ ■ ■ ■ ■	5
■ ■ ■ ■ ■ ■	6
■ ■ ■ ■ ■ ■ ■	7
■ ■ ■ ■ ■ ■ ■ ■	8
■ ■ ■ ■ ■ ■ ■ ■ ■	9

8
8 8
8 8 8
8 8 8 8
8 8 8 8 8
8 8 8 8 8 8
8 8 8 8 8 8 8
9 8 7 6 5 4 3 2 1

8
8 8
8 8 8
8 8 8 8
8 8 8 8 8
8 8 8 8 8 8
8 8 8 8 8 8 8
1 2 3 4 5 6 7 8 9



y	c
---	---

b	t	d	s	c	g	f	k	l	m	n	w	h	y	a	e	i	o	u
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

yaanbo yaan bo
calan ca lan

waa yaanbo waa calan

tani waa yaanbo

kani waa calan

kaasi waa mundul

taasi waa gacan

waa cambe

waa nacnac

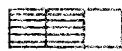
waa wado

waa olol

waa sabuul



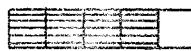
$$1 + 1 = 2$$



$$2 + 1 = 3$$



$$3 + 1 = 4$$



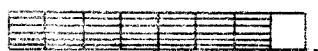
$$4 + 1 = 5$$



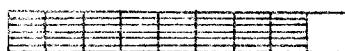
$$5 + 1 = 6$$



$$6 + 1 = 7$$



$$7 + 1 = 8$$



$$8 + 1 = 9$$

$$3 + 1 = \square$$

$$3 + 1 + 1 = \square$$

$$7 + 1 = \square$$

$$7 + 1 + 1 = \square$$

$$4 + 1 = \square$$

$$4 + 1 + 1 = \square$$

$$6 + 1 = \square$$

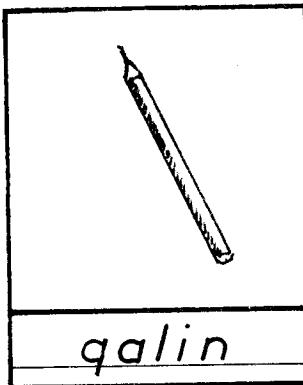
$$6 + 1 + 1 = \square$$

$$2 + 1 = \square$$

$$2 + 1 + 1 = \square$$

$$5 + 1 = \square$$

$$5 + 1 + 1 = \square$$



qalin



rah

q r

b t d r s c g f q k l m n w h y a e i o u

yaaq faras gember qaraf

yar sariir maqaar maraq

ma qalin ba?

ma hal ba?

ma musqul ba?

ma fasal ba?

ma faras ba?

ma yaaq ba? haa, waa yaaq.

ma sariir ba? haa, waa sariir.

ma faras ba? maya, ma aha faras.

ma hal ba? maya, ma aha hal.

ma gember ba? maya, ma aha.

$2+2 = \boxed{}$

$1+3 = \boxed{}$

$5+2 = \boxed{}$

$3+3 = \boxed{}$

$3+2 = \boxed{}$

$5+3 = \boxed{}$

$6+2 = \boxed{}$

$2+3 = \boxed{}$

$1+2 = \boxed{}$

$4+3 = \boxed{}$



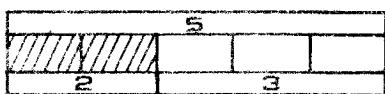
$5 = 1 + 4$



$5 = 3 + 2$



$5 = 4 + 1$



$5 = 2 + 3$



$5 = 5 + 0$

$$\begin{array}{r} +1 \\ \hline 4 \\ \hline 5 \end{array}$$

$$\begin{array}{r} +3 \\ \hline 2 \\ \hline 5 \end{array}$$

$$\begin{array}{r} +4 \\ \hline 1 \\ \hline 5 \end{array}$$

$$\begin{array}{r} +2 \\ \hline 3 \\ \hline 5 \end{array}$$

$$\begin{array}{r} +5 \\ \hline 0 \\ \hline 5 \end{array}$$



xeero



jeer

x	j
---	---

btjxdrscgfqklmnwhyaeiou

xaringga xagal jiirka

xaaqinka jidka jajabka

xaringga : xa-rig-ga

xaaqinka : xaa-qin-ka

jajabka : ja-jab-ka

aniga iyo adiga

isaga iyo iyada

anaga iyo iyaga

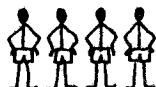
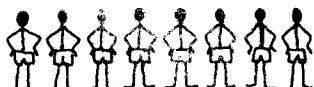
adiga ama aniga

iyada ama isaga

iyaga ama anaga



$$5 + \square = 8$$



$$4 + \square = 8$$



$$3 + \square = 8$$

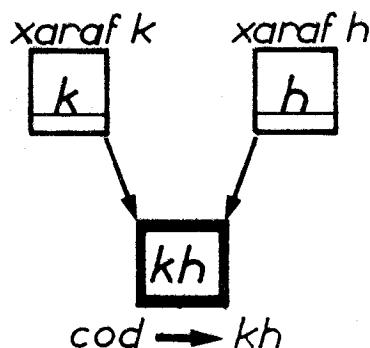
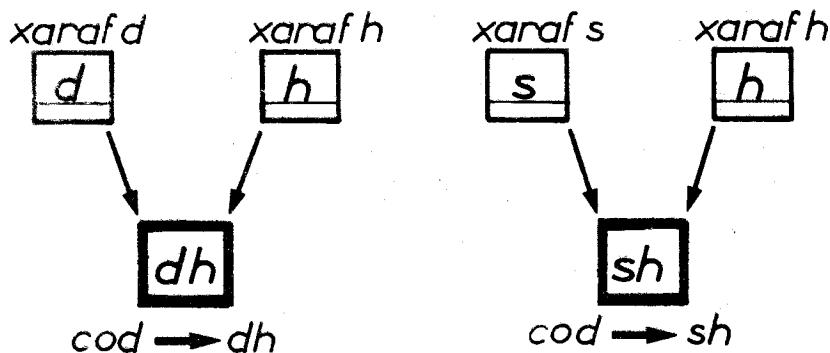


$$2 + \square = 8$$



dh kh sh

dhar shax khudrad dhibic shabeel





lo'



Gu'



ri'

a' e' i' o' u'

lo' lo'da | Gu' Guga | ri' rida

la' le'asho lo'ley Go'niin

la'aan ra'yi go'aa ba'an

ba'naan di'id da' ba'ay

la'aan-ta

laan-ta

ba'naan-ta

banaan-ka

bi'in-tiisa

biin-ka

di'id-da roobka diid-mo

ba'an-tahay baan-ta

$$\begin{array}{r} + 5 \\ \hline \square \\ \hline 8 \end{array}$$

$$\begin{array}{r} + 4 \\ \hline \square \\ \hline 8 \end{array}$$

$$\begin{array}{r} + 2 \\ \hline \square \\ \hline 8 \end{array}$$

$$\begin{array}{r} + 6 \\ \hline \square \\ \hline 8 \end{array}$$

$$\begin{array}{r} + 3 \\ \hline \square \\ \hline 8 \end{array}$$

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

$$\begin{array}{r} + 2 \\ \hline \square \\ \hline 7 \end{array}$$

$$\begin{array}{r} + 2 \\ \hline \square \\ \hline 5 \end{array}$$

$$\begin{array}{r} + 2 \\ \hline \square \\ \hline 4 \end{array}$$

$$\begin{array}{r} + 2 \\ \hline \square \\ \hline 6 \end{array}$$

$$\begin{array}{r} + \square \\ \hline \square \\ \hline 5 \end{array}$$

$$\begin{array}{r} + \square \\ \hline \square \\ \hline 9 \end{array}$$

$$\begin{array}{r} + \square \\ \hline \square \\ \hline 8 \end{array}$$

$$\begin{array}{r} + \square \\ \hline \square \\ \hline 9 \end{array}$$

$$\begin{array}{r} + \square \\ \hline \square \\ \hline 6 \end{array}$$

$$3 + \square = 8$$

$$5 + \square = 6$$

$$\square + 7 = 8$$

$$6 + 3 = \square$$

$$2 + \square = 3$$

$$2 + \square = 5$$

$$5 + 4 = \square$$

$$\square + 4 = 8$$

$$\square + 2 = 6$$

$$\square + 1 = 9$$

$$\begin{array}{r} + \square \\ \hline \square \\ \hline 7 \end{array}$$

$$\begin{array}{r} + \square \\ \hline \square \\ \hline 9 \end{array}$$

$$\begin{array}{r} + \square \\ \hline \square \\ \hline 6 \end{array}$$

$$\begin{array}{r} + \square \\ \hline \square \\ \hline 4 \end{array}$$

$$\begin{array}{r} + \square \\ \hline \square \\ \hline 8 \end{array}$$

Cali, Warfa, Ibraahim, Axmed

c	C	w	W	i	I	a	A
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Magaca xaraf weyn ka bilaw.

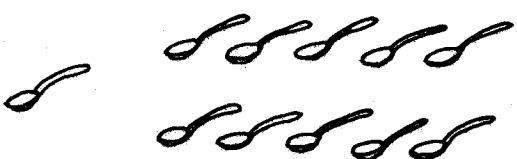
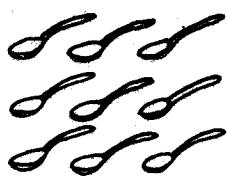
Cabdullahi Warsame Idris
Weheliye Cabdi Cashuur
Cismaan Aadan

C	W	I	A	W	I	A	C
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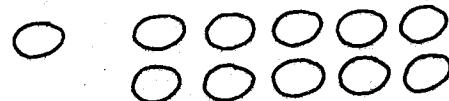
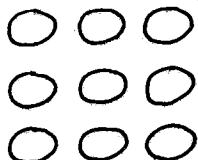
Cabdullahi	Weheliye
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Cismaan	Cashuur
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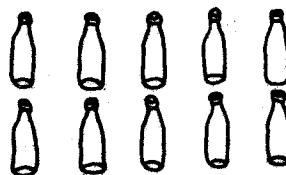
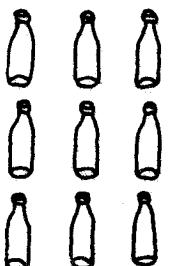
Aadan	Idris	Cabdi
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$$9 + 1 = 10$$



$$9 + 1 = 10$$



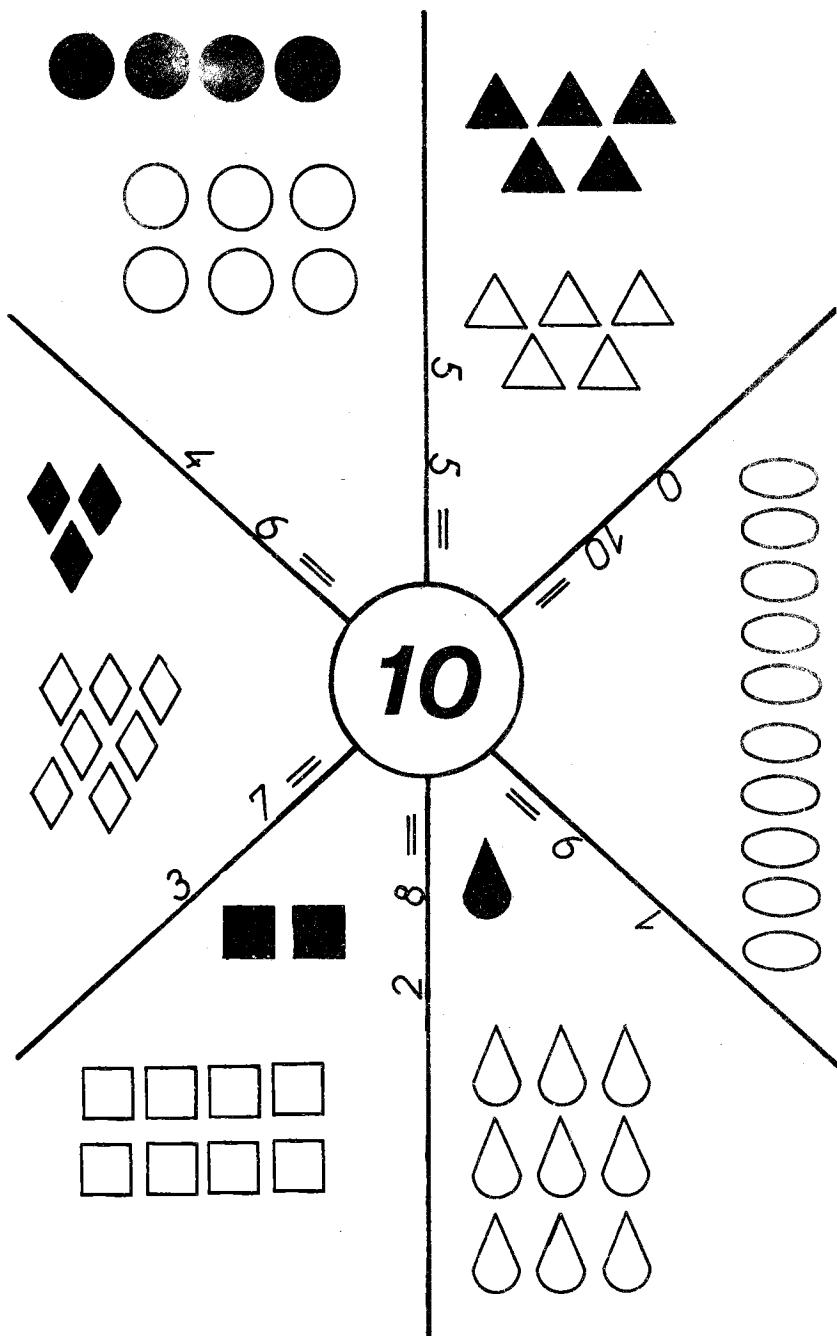
$$9 + 1 = 10$$

Marka Burco Hargeysa Kismaayo

m M b B h H k K

B C K M W H A I

Ku bilaw xaraf weyn



Soomaaliya Tansaaaniya
Jarmal Yurub Ruwanda

s S t T j J y Y r R

B D T R S C K M V H Y A I

Hu bilow xaraf weyn

datalka	qaaradaha
---------	-----------

Sudan

Kiiniya

Jamaica

Gabesha

Afrika

Aasiya

Yurub

Waa toban.

--	--	--	--	--	--	--	--

Waa hai tobnaad

Waa laba tobnaad

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

$$10+10=20$$

Waa saddex
tobnaad

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

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$$10+10+10=30$$

Waa afar tobnaad

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$$10+10+10+10=40$$

Waa shan tobnaad

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

$$10+10+10+10+10=50$$

Ereyadan waxad ku aragtaa
jidodka, dhimayaasha iyo gawaarida.
Inta badan waxay ku qoranyihiin
xuruuf waaweyn:

ISBITAALKA
GELID
DUKANKA
QUBUUR
FAANOOLE
BIXID
BOOLISKA
JOOGSO

b) $10 + 10 = \square$

f) $20 + \square = 50$

$30 + 10 = \square$

$10 + \square = 80$

$60 + 10 = \square$

$70 + \square = 90$

$20 + 10 = \square$

$40 + \square = 60$

$50 + 10 = \square$

$30 + \square = 70$

j) $20 + 30 = \square$

x) $10 + 60 = \square$

$10 + 20 = \square$

$30 + 50 = \square$

$50 + 40 = \square$

$20 + 50 = \square$

$30 + 20 = \square$

$40 + 40 = \square$

$40 + 30 = \square$

$20 + 70 = \square$

k) $20 + \square = 30$

d) $80 + \square = 90$

$20 + \square = 90$

$60 + \square = 80$

$20 + \square = 20$

$30 + \square = 60$

$20 + \square = 70$

$40 + \square = 80$

$20 + \square = 40$

$20 + \square = 70$

b B t T j J x X d D

r R s S c C g G f F

q Q k K l L m M n N

w W h H y Y a A e E

i I o O u U

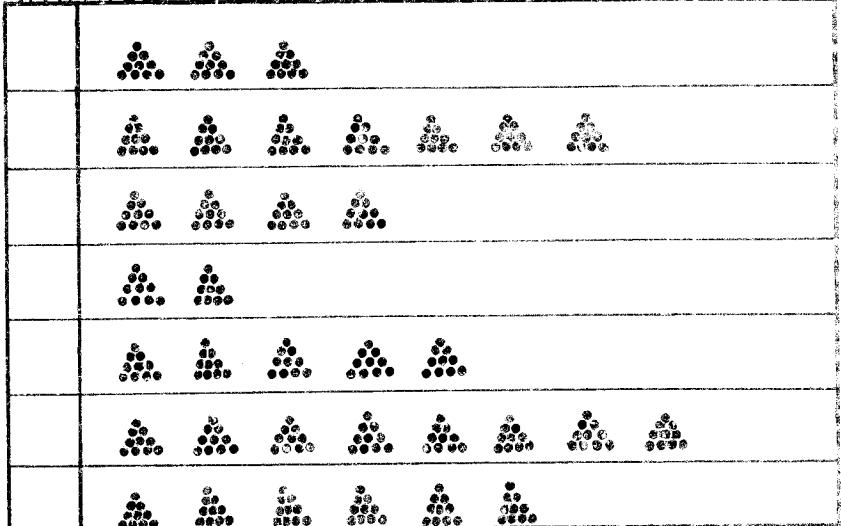
B T J X K H *Kh* D R S

S H *Sb* D H *Db* C G F

Q K L M N W H Y

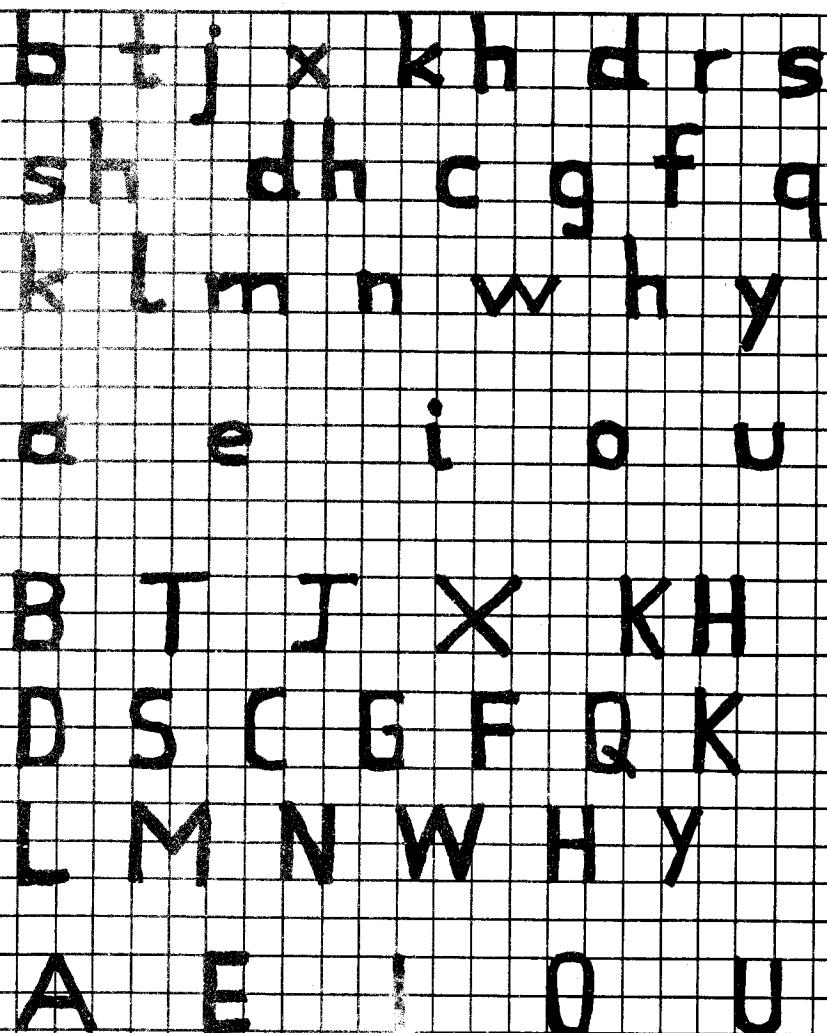
A E I O U

Immisa tabnaad? Waa hal tabnaad



Tiri tobani laa tobani iyo sagash

Qoridda xarfuhu way ku fudud
aanaysaa haddii aad xariiqaha
raacdo. Qiyaasta halkan ka qaado.



$10 + 2 =$

$11 + 2 =$

$10 + 7 =$

$12 + 1 =$

$10 + 3 =$

$14 + 3 =$

$10 + 5 =$

$13 + 2 =$

$10 + 6 =$

$15 + 3 =$

$$\begin{array}{r} 15 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ + 3 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 11 \\ + 4 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 13 \\ + 5 \\ \hline 1 \end{array}$$

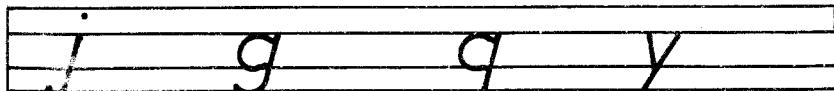
$$\begin{array}{r} 10 \\ + 6 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 14 \\ + 1 \\ \hline 3 \end{array}$$

WAXQORIDDA

Summadaha xarfaha waxay u kala ba
xaan saddex qaybood ee kala ah:

1) LUGLEY:



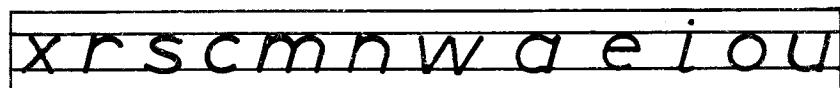
Waa xarfaha hoos uga kaca
xariiqda wax lagu dul qorayo.

2) MADAXLEY:

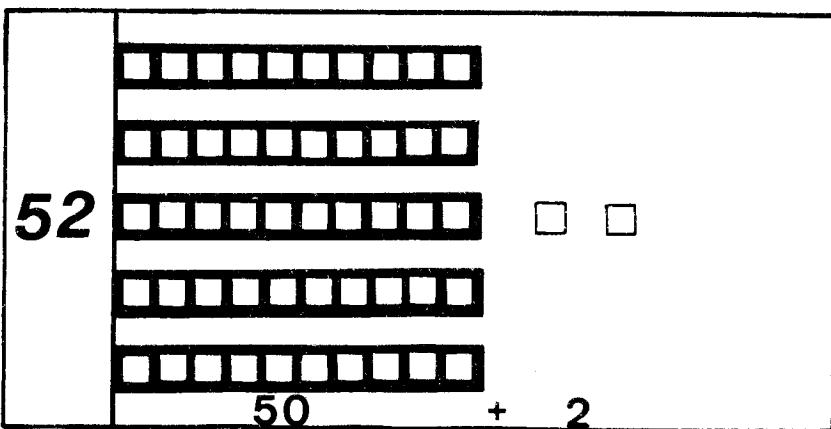
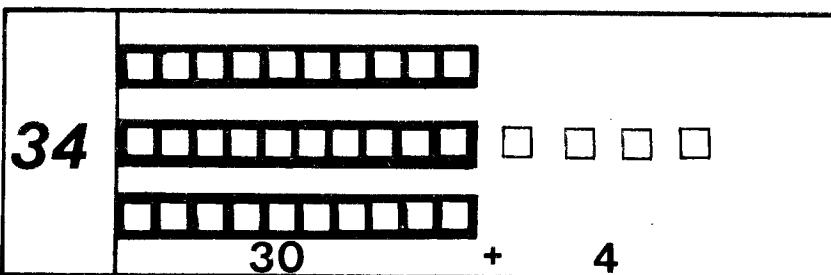
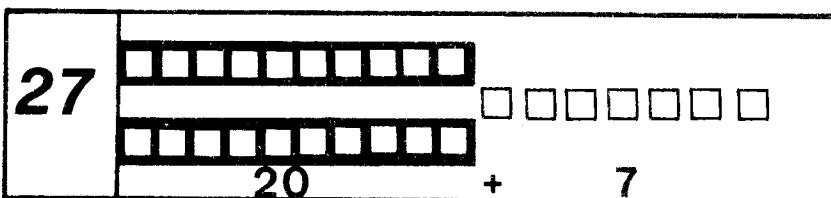
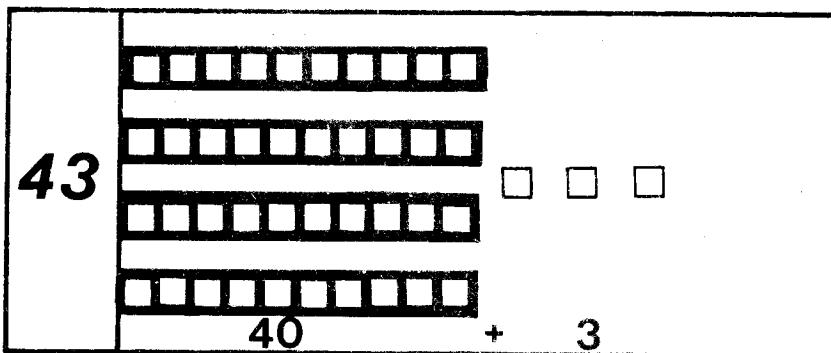


Waa xarfaha kor uga kaca ee ma
daxoodu kor uga taaganyahay
xariiqda wax lagu qoro.

3) UUR KU JIRTO:



Xarfaha badankoodu waa is
dherer le'egyihiin.



1. Galley waa cunto.

2. Waa cunto la kaydiyo.

1. Waxa lagu kaydiyaa meel aan
qoyaan lahayn.

2. Waxa kale oo lagu kaydiyaa
meel daboolan.

1. Cayayaanku yej gelin meeshaas.

2. Laakiin hawadu ha gasho.

3. Hawaddu way engejisaa galleyda
kaydsan.

b) $50+2=$ $\textcircled{t} 40+3=$ $\textcircled{j} 20+$ $=23$
 $70+2=$ $40+6=$ $40+$ $=45$
 $90+2=$ $40+5=$ $70+$ $=79$
 $40+2=$ $40+9=$ $50+$ $=55$
 $60+2=$ $40+7=$ $30+$ $=37$
 $50+2=$ $40+8=$ $60+$ $=62$

x) $10+7=$ \textcircled{k} $50+8=$ \textcircled{d} $\square + 2 = 32$
 $20+3=$ $40+6=$ $+ 4 = 64$
 $90+4=$ $80+3=$ $+ 9 = 19$
 $70+9=$ $90+2=$ $+ 6 = 56$
 $30+5=$ $70+7=$ $+ 3 = 73$
 $50+6=$ $60+5=$ $+ 8 = 48$

$\textcircled{c}) \underline{+ 20} \quad \underline{+ 40} \quad \underline{+ 30} \quad \underline{+ 50}$

$\textcircled{s}) \underline{+ 80} \quad \underline{+ 10} \quad \underline{+ 70} \quad \underline{+ 30}$

1. Horta carada si fiican u qod.
2. Carrada beerta isku sin.
3. Daadku ma qaadayo carro sinka.
4. Haddii aan la simin waa qaadaya.

1. Daadku waa qaadi karaa carra sinka.

-Wuxu keeni karaa nabaad
guur iyo xaaluf.

- Is hortaag nabaadguurka.

Isku sin _____

Daadka wuxu qaadaa_____

Daadku wuxu keeni karaa_____

b) $54 + 2 =$	t) $46 + 3 =$	j) $21 + \boxed{\quad} = 23$
$74 + 2 =$	$46 + 2 =$	$41 + \boxed{\quad} = 45$
$94 + 2 =$	$42 + 5 =$	$71 + \boxed{\quad} = 79$
$44 + 2 =$	$42 + 4 =$	$51 + \boxed{\quad} = 55$
$64 + 2 =$	$42 + 7 =$	$31 + \boxed{\quad} = 37$
$54 + 2 =$	$42 + 6 =$	$61 + \boxed{\quad} = 62$

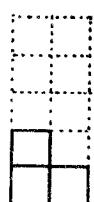
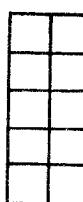
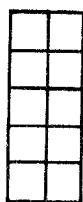
x) $12 + 7 =$	kh) $51 + 6 =$	d) $\square + 2 = 34$
$25 + 3 =$	$42 + 4 =$	$\square + 4 = 65$
$91 + 4 =$	$85 + 2 =$	$\square + 5 = 19$
$74 + 2 =$	$94 + 1 =$	$\square + 3 = 73$
$37 + 1 =$	$72 + 7 =$	$\square + 6 = 47$
$51 + 6 =$	$63 + 4 =$	$\square + 1 = 99$

$$\begin{array}{r} \textcircled{1}) \quad \begin{array}{r} 21 \\ + 50 \\ \hline \end{array} & \begin{array}{r} 35 \\ + 30 \\ \hline \end{array} & \begin{array}{r} 52 \\ + 20 \\ \hline \end{array} & \begin{array}{r} 73 \\ + 10 \\ \hline \end{array} & \begin{array}{r} 47 \\ + 50 \\ \hline \end{array} & \begin{array}{r} 82 \\ + 10 \\ \hline \end{array} \end{array}$$

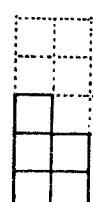
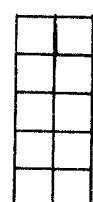
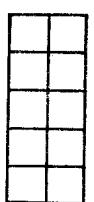
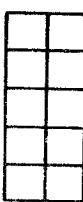
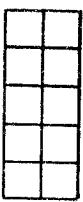
$$\begin{array}{r} s) \end{array} \begin{array}{r} + 60 \\ + 20 \\ \hline 35 \end{array} \quad \begin{array}{r} + 20 \\ + 40 \\ \hline 71 \end{array} \quad \begin{array}{r} + 40 \\ + 40 \\ \hline 44 \end{array} \quad \begin{array}{r} + 40 \\ + 30 \\ \hline 22 \end{array} \quad \begin{array}{r} + 30 \\ + 50 \\ \hline 58 \end{array} \quad \begin{array}{r} + 27 \\ \hline \end{array}$$

1. Beerta abuur roobka ka hor.
2. Kala fogee abuurka.
3. Abuurka god yar u qod.
4. Ku rid oo carro korka kaga qari.
5. Hadduu dusha saaran yahay waa la cunayaa.
6. Waxa cunaya dirxiga iyo shimbiraha.

abuur	abuur ka	cu nid	dix ri
abuu ri da	abuu ris ta	cu na ya	dix ri ga
shim bir		shim bi ro	
shim bi ra ha		shim bi raa ley	



$$23 + \square = 30$$



$$45 + \square = 50$$

b) $52 + 8 = 60$

$$56 + \square = 60$$

$$53 + \square = 60$$

$$55 + \square = 60$$

$$59 + \square = 60$$

t) $35 + 5 = 40$

$$12 + \square = 20$$

$$24 + \square = 30$$

$$27 + \square = 30$$

$$31 + \square = 40$$

j) $46 + \square = 50$

$$61 + \square = 70$$

$$52 + \square = 60$$

$$68 + \square = 70$$

$$43 + \square = 50$$

x) $83 + \square = 90$

$$71 + \square = 80$$

$$78 + \square = 80$$

$$67 + \square = 70$$

$$82 + \square = 90$$

1. Beerta deyr u samee.
2. Deyrka beertaa lagu ilaashaa.
3. Wuxu celiyaa xoolaha, bahalaha iyo dadka.
4. Wuxuu hakiya orodka dabaylaha
iyo duufaanada.

deyr deyr ku
dey ran

duu faan
duu faan ka

da bay la ha
da bay sha

ba ha la ha	ba ha sha	ba ha lo
-------------	-----------	----------

beer ta	beero	xoola ha	xoolo
---------	-------	----------	-------

haki	hakiya	hakiyaan
------	--------	----------

ilaali	ilaalis	ilaalinta
--------	---------	-----------

$$\square\square\square\square\square\square\square\square\square \quad \square\square\square\square\square\square \\ 9 \quad + \quad 6 \quad =$$

$$\boxed{\square\square\square\square\square\square\square\square\square \quad \square} \quad \square\square\square\square\square \\ 9 \quad + \quad 1 \quad + \quad 5 \quad =$$

↓

$$\square\square\square\square\square\square \quad \square\square\square\square\square \\ 10 \quad + \quad 5 \quad =$$

$$9 + 6 = 9 + 1 + 5 = 10 + 5 = 15$$

$$\square\square\square\square\square\square\square\square \quad \square\square\square\square\square\square \\ 8 \quad + \quad 7 \quad =$$

↓

$$\boxed{\square\square\square\square\square\square\square \quad \square\square} \quad \square\square\square\square\square \\ 8 \quad + \quad 2 \quad + \quad 5 \quad =$$

↓

$$\square\square\square\square\square\square \quad \square\square\square\square\square \\ 10 \quad + \quad 5 \quad =$$

$$8 + 7 = 8 + 2 + 5 = 10 + 5 = 15$$

1. Beerta waa inaad carro rogtaa.

2. Cayayaanka kor u soo saar.

3. Qoraxdu waxay dishaa cayaanka.

1. Cawska iyo dhirta yaryar ka gur beerta.

2. Cawsku wuxu hakiyaa bixida galleyda.

LAYLI:

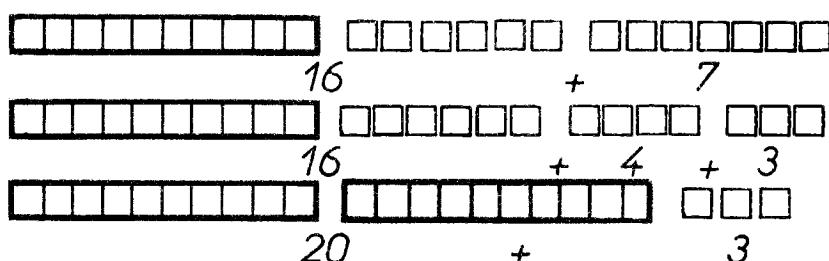
Beerta waa in la _____ rogaad.

Cayayaanka waa dila _____

Bixida dhirta waxa hakiya _____

b) $\begin{array}{r} + 8 \\ \hline 5 \end{array}$ $\begin{array}{r} + 4 \\ \hline 9 \end{array}$ $\begin{array}{r} + 7 \\ \hline 5 \end{array}$ $\begin{array}{r} + 6 \\ \hline 8 \end{array}$ $\begin{array}{r} + 9 \\ \hline 3 \end{array}$

t) $\begin{array}{r} + 8 \\ \hline 3 \end{array}$ $\begin{array}{r} + 7 \\ \hline 8 \end{array}$ $\begin{array}{r} + 6 \\ \hline 5 \end{array}$ $\begin{array}{r} + 7 \\ \hline 6 \end{array}$ $\begin{array}{r} + 5 \\ \hline 9 \end{array}$



$$16 + 7 = 16 + 4 + 3 = 20 + 3 = 23$$

j) $\begin{array}{r} + 18 \\ \hline 5 \end{array}$ $\begin{array}{r} + 14 \\ \hline 9 \end{array}$ $\begin{array}{r} + 17 \\ \hline 5 \end{array}$ $\begin{array}{r} + 18 \\ \hline 8 \end{array}$ $\begin{array}{r} + 16 \\ \hline 7 \end{array}$

x) $\begin{array}{r} + 17 \\ \hline 19 \end{array}$ $\begin{array}{r} + 12 \\ \hline 19 \end{array}$ $\begin{array}{r} + 19 \\ \hline 19 \end{array}$ $\begin{array}{r} + 18 \\ \hline 19 \end{array}$ $\begin{array}{r} + 16 \\ \hline 19 \end{array}$

kh) $\begin{array}{r} + 23 \\ \hline 34 \end{array}$ $\begin{array}{r} + 45 \\ \hline 52 \end{array}$ $\begin{array}{r} + 34 \\ \hline 35 \end{array}$ $\begin{array}{r} + 56 \\ \hline 21 \end{array}$ $\begin{array}{r} + 12 \\ \hline 77 \end{array}$

d) $\begin{array}{r} + 47 \\ \hline 35 \end{array}$ $\begin{array}{r} + 65 \\ \hline 27 \end{array}$ $\begin{array}{r} + 39 \\ \hline 24 \end{array}$ $\begin{array}{r} + 74 \\ \hline 19 \end{array}$ $\begin{array}{r} + 56 \\ \hline 35 \end{array}$

1. Carradu waxay rabtaa nafaqo.
 2. Waxa lagu nafaqeeyaa digada xoolaha.
 3. Digada ku shub carrada roobka ka hor.
-
1. Carrada iyo digadu way isku milmaan.
 2. Waxay isku milmaan marka roobku da'o.

LAYLI:

Carrada waxa lagu nafaqeeya _____.
Way isku milmaan _____ iyo _____.

1. Galleydu carrada san bay ku baxdaa.
2. Waxay ku baxdaa carrada furfuran.
3. Galleydu kuma baxdo meelaha
biyahu fariistaan.

1. Galleydu saddex bilood bay ku baxdaa.
 - Way ku baxda biyaha roobka.
 - Waxay ku roontahay in la waraabsho.

LAYL:

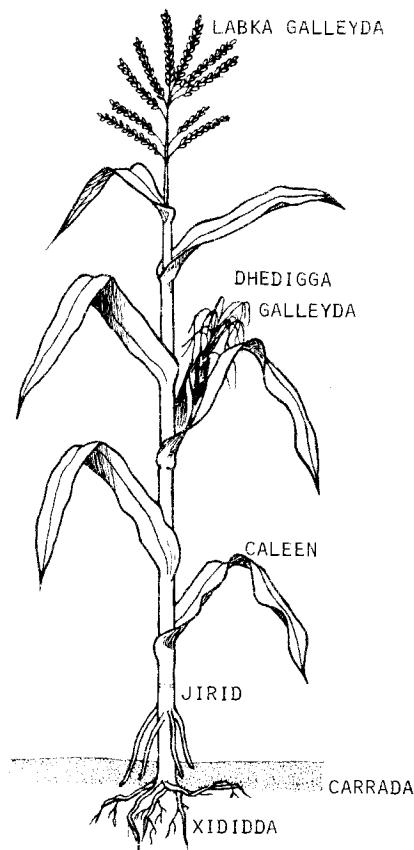
Galleydu kuma baxdo biyaha _____

Muddo _____ ah bay ku baxdaa galleydu.

Waxay galleydu ku roontahay in la _____

GALLEYDA

Galleedu waxay ka mid tahay waxyaala dal-keena laga beerto, kuwa ugu badan. Cunta ahaan marka laga eego galleydu waa cunta-da ay ka siman tahay bulshada oo dhami. Galleydu waa raashinka ugu badan ee xaaska soomaaliyeed uu cuno maalintii. Galleyda waxaynu ka samaysanaa cuntooyin kala geddisan. Waxa ka mid ah: garowga, la-xooxda soorta iwm.



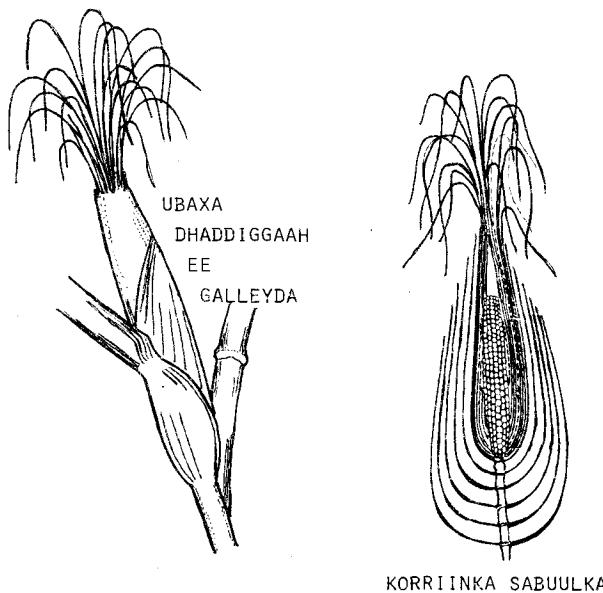
ASTAAMAHAG EEDKA GALLEYDA

Galleydu waa geed gu' jire ah oo marka koritaankiisu dhammaado, dhererkiiisu gaa-dho ilaa 4 mitir. Galleydu waxay jirridda ku leedahay kurtimo garaaro ah oo ku wa-reegsan jirridda. Wuxu geedku leeyahay caleemo balballaadhan. Galleydu waxay madaxa sare ka bixisaa ubax weyn oo bul leh.

Muddada ay galleydu ku bixiso ubaxa kuna qaan gaartaa wey kala duwan tahay. Waxay ku xidhan tahay nooceeda iyo sabada lagu beero. Hase yeeshiee nooca badanaa dalkeena laga beertaa, waxay ubax ku bixisaa bil iyo badh ilaa laba bilood. Waxayna ku qaan gaadhaa saddex bilood ilaa afar bilood.

Casharka 46aad
SABADA GALLEYDU KU BAXDO

Geedka galleydu marka uu yar yahay wuu u adkeysan karaa biyo yarida. Hase yeeshiee, waxaanu u adkaysan karin carrada xun iyo nafaqa yarida. Gaar ahaan afarta ilaa shanta toddobaad ee ugu horreysa. Muddada geedku yar yahay (4-5 toddobaad) wuxuu u baahan yahay in uu ku baxo reys fiican. Haddi biyo ay dhulka fadhiistaana ma koro geedku.



*Toddobaadka shanaad iyo inta ka dambaysa
geedka galleydu uma adkaysan karo biyo
yarida. Marka ay ugu daran tahay waa mar-
kaas oo caleemuhu dhadhaan haddii biyo
yari ay hesho. Marka midhuhu ay bislaa-
nayaana, bisha ugu dambaysa, waxa galley-
du u baahan tahay milic badan si ay carra-
du u engegto.*

LAYLI:

1. *Waa maxay astaamaha waaweyn ee geedka galleydu lee yahay?*
2. *Maxaa ku dhaca marka biyo ku fadhiistaan geedka galleyda ah?*

3. Afarta todobaad ee ugu horeeya qoyaan intee le' eg ayaa geedku u baahan yahay?
4. Marka geedka galleyda ahi todoba todo-baad jiro biyo intee le' eg ayuu u baahan yahay?
5. Qeyb yar oo beertaada ka mid ah ka dhig tijaabo, oo fiiri waxa dhaca had-dii geedka biyaha lagu yareeyo marka uu jiro shan todobaad.

Casharka 47aad

WAXYAALAHU GEEDKU U BAAHAN YAHAY

Nooluhu wuxu u baahan yahay waxyaalo no-loshiisa lagama maarmaan u ah.

Hase yeeshi, waxyaalaha geeduhi u baahan yihiin wey ka duwan yihiin, waxyaalaha xooluhu u baahan yihiin.

Geedku wuxu u baahan yahay:

1. Biyo.
2. Macdan ku jirta carrada.
3. Kul ama cimilo habboon.
4. Hawo.

Afartaas shey ee aan kor ku soo sheegnay waxay lagama maarmaan u yihiin nolosha iyo koritaanka geedka.

b) $2 + 4 + 5 =$ t) $13 + 5 + 7 =$

$3 + 6 + 4 =$ $15 + 9 + 7 =$

$4 + 5 + 6 =$ $18 + 4 + 6 =$

$8 + 2 + 7 =$ $17 + 3 + 8 =$

$6 + 5 + 8 =$ $19 + 5 + 6 =$

j) $\begin{array}{r} \underline{-} 14 \\ \underline{\quad 3} \end{array}$ $\begin{array}{r} \underline{-} 19 \\ \underline{\quad 7} \end{array}$ $\begin{array}{r} \underline{-} 17 \\ \underline{\quad 2} \end{array}$ $\begin{array}{r} \underline{-} 18 \\ \underline{\quad 5} \end{array}$ $\begin{array}{r} \underline{-} 16 \\ \underline{\quad 4} \end{array}$ $\begin{array}{r} \underline{-} 15 \\ \underline{\quad 4} \end{array}$

x) $\begin{array}{r} \underline{-} 39 \\ \underline{\quad 5} \end{array}$ $\begin{array}{r} \underline{-} 86 \\ \underline{\quad 5} \end{array}$ $\begin{array}{r} \underline{-} 95 \\ \underline{\quad 5} \end{array}$ $\begin{array}{r} \underline{-} 47 \\ \underline{\quad 5} \end{array}$ $\begin{array}{r} \underline{-} 68 \\ \underline{\quad 5} \end{array}$ $\begin{array}{r} \underline{-} 36 \\ \underline{\quad 5} \end{array}$

kh) $\begin{array}{r} \underline{-} 84 \\ \underline{\quad 3} \end{array}$ $\begin{array}{r} \underline{-} 36 \\ \underline{\quad 4} \end{array}$ $\begin{array}{r} \underline{-} 49 \\ \underline{\quad 5} \end{array}$ $\begin{array}{r} \underline{-} 27 \\ \underline{\quad 6} \end{array}$ $\begin{array}{r} \underline{-} 85 \\ \underline{\quad 5} \end{array}$ $\begin{array}{r} \underline{-} 78 \\ \underline{\quad 4} \end{array}$

d) $\begin{array}{r} \underline{-} 45 \\ \underline{\quad 20} \end{array}$ $\begin{array}{r} \underline{-} 38 \\ \underline{\quad 20} \end{array}$ $\begin{array}{r} \underline{-} 59 \\ \underline{\quad 20} \end{array}$ $\begin{array}{r} \underline{-} 27 \\ \underline{\quad 20} \end{array}$ $\begin{array}{r} \underline{-} 46 \\ \underline{\quad 20} \end{array}$ $\begin{array}{r} \underline{-} 69 \\ \underline{\quad 20} \end{array}$

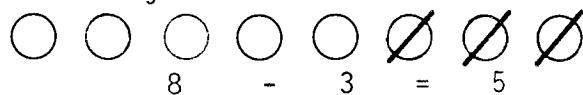
dh) $\begin{array}{r} \underline{-} 93 \\ \underline{\quad 50} \end{array}$ $\begin{array}{r} \underline{-} 37 \\ \underline{\quad 30} \end{array}$ $\begin{array}{r} \underline{-} 64 \\ \underline{\quad 40} \end{array}$ $\begin{array}{r} \underline{-} 25 \\ \underline{\quad 10} \end{array}$ $\begin{array}{r} \underline{-} 85 \\ \underline{\quad 60} \end{array}$ $\begin{array}{r} \underline{-} 76 \\ \underline{\quad 20} \end{array}$

r) $\begin{array}{r} \underline{-} 36 \\ \underline{\quad \square} \end{array}$ $\begin{array}{r} \underline{-} 48 \\ \underline{\quad \square} \end{array}$ $\begin{array}{r} \underline{-} 27 \\ \underline{\quad \square} \end{array}$ $\begin{array}{r} \underline{-} 59 \\ \underline{\quad \square} \end{array}$ $\begin{array}{r} \underline{-} 38 \\ \underline{\quad \square} \end{array}$ $\begin{array}{r} \underline{-} 74 \\ \underline{\quad \square} \end{array}$

Cali waxu haystaa 8 shilin.



Hadduu isticmaalay 3 shilin, immisaa u hadhay?



Nin baa 5 halaad leh.



Saddex ka mid ah ayuu iibiyey.



Waa immisa geela u hadhay?

$$5 - 3 = \square$$

b) $7 - 3 = \square$ t) $12 - 2 = \square$ j) $27 - 3 = \square$

$8 - 5 = \square$ $15 - 3 = \square$ $87 - 3 = \square$

$9 - 2 = \square$ $19 - 7 = \square$ $77 - 3 = \square$

$6 - 4 = \square$ $18 - 2 = \square$ $57 - 3 = \square$

$5 - 1 = \square$ $16 - 4 = \square$ $67 - 3 = \square$

x) $53 - \square = 51$

kh) $64 - \square = 61$

$47 - \square = 41$

$89 - \square = 85$

$85 - \square = 82$

$55 - \square = 50$

$99 - \square = 91$

$46 - \square = 45$

$64 - \square = 62$

$37 - \square = 34$

HAWADA, MACDANTA IYO CIMILADA

Cimiladu waxa weeye xaaladda kulka, qabowga iyo inta ay roob leedahay meeli. Geeduuhu waxay ku badan yihiin oo si wanaagsan uga baxaan meeliba meesha ay ka cimila fiican tahay.

Geedaha qaar waxay ku baxaan oo jecel yihiin, meelaha kulul ee roobka yar; Qaarna waxay ku baxaan meelaha qabow. Sidaas dar-teed marka wax la beerayo, waxa lagama maaarmaan ah in la yaqaanno cimilada ay ku bixi karaan. Tusaale, galleydu meesha ay biyuhu fadhiyaan, iyo meesha aad u roobka yar, midna si wanaagsan uguma baxdo.

Casharka 50aad

BIYAH

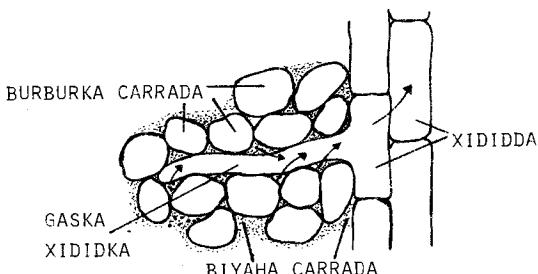
Noolaha noloshiisu waxay ku xidhan tahay biyaha. Haddaan biyo jirin nololi ma jirtteen.

Geedku nafaqada carrada ku jirta kama soo nuugi kareen haddii aaney ku milneyn biyaha. Macadanta iyo nafaqada carrada ku jirta ee uu u baahan yahay geedku ma mari karaan xididada geedka, haddii aanay ku milmin biyo. Sidoo kale nafaqadaasi ma gaadhi karteen qeybaha kale ee geedka,

haddii aanay biyaha la socon. Sida xoo-luhuba ay u kala badsadaan biyaha ayaa geeduhuna u kala bursadaan. Galleysda, masagada iyo sisintu waxay u baahan yihiin biyo yar. Badanaaba mar ama laba jeer oo keli ah ayaa ku filan in la wa-raabiyo.

Bariis iyo qasabku waxay u baahan yihiin biyo aad u badan inta ay baxayaan oo dhan.

SIDA HAWADA IYO NAFAQADU UGU GUDBAAN XIDIDADA



LAYLI

1. *Ka sheekhee siyaalaha ay biyuhu lagama maarmaan ugu yihiin nolosha geedka.*
2. *Waa maxay sababta aanu geedku uga faa' iideysan karayn macdanta haddaanay biyo ku mileyn?*
3. *Sheeg shan geed oo la beerto oo ku baxa biyaha yar?*

b) $2 + 4 + 5 =$

$3 + 6 + 4 =$

$4 + 5 + 6 =$

$8 + 2 + 7 =$

$6 + 5 + 8 =$

t) $13 + 5 + 7 =$

$15 + 9 + 7 =$

$18 + 4 + 6 =$

$17 + 3 + 8 =$

$19 + 5 + 6 =$

j) $\begin{array}{r} -14 \\ \hline 3 \end{array}$ $\begin{array}{r} -19 \\ \hline 7 \end{array}$ $\begin{array}{r} -17 \\ \hline 2 \end{array}$ $\begin{array}{r} -18 \\ \hline 5 \end{array}$ $\begin{array}{r} -16 \\ \hline 4 \end{array}$ $\begin{array}{r} -15 \\ \hline 4 \end{array}$

x) $\begin{array}{r} -39 \\ \hline 5 \end{array}$ $\begin{array}{r} -86 \\ \hline 5 \end{array}$ $\begin{array}{r} -95 \\ \hline 5 \end{array}$ $\begin{array}{r} -47 \\ \hline 5 \end{array}$ $\begin{array}{r} -68 \\ \hline 5 \end{array}$ $\begin{array}{r} -36 \\ \hline 5 \end{array}$

kh) $\begin{array}{r} -84 \\ \hline 3 \end{array}$ $\begin{array}{r} -36 \\ \hline 4 \end{array}$ $\begin{array}{r} -49 \\ \hline 5 \end{array}$ $\begin{array}{r} -27 \\ \hline 6 \end{array}$ $\begin{array}{r} -85 \\ \hline 5 \end{array}$ $\begin{array}{r} -78 \\ \hline 4 \end{array}$

d) $\begin{array}{r} -45 \\ \hline 20 \end{array}$ $\begin{array}{r} -38 \\ \hline 20 \end{array}$ $\begin{array}{r} -59 \\ \hline 20 \end{array}$ $\begin{array}{r} -27 \\ \hline 20 \end{array}$ $\begin{array}{r} -46 \\ \hline 20 \end{array}$ $\begin{array}{r} -69 \\ \hline 20 \end{array}$

dh) $\begin{array}{r} -93 \\ \hline 50 \end{array}$ $\begin{array}{r} -37 \\ \hline 30 \end{array}$ $\begin{array}{r} -64 \\ \hline 40 \end{array}$ $\begin{array}{r} -25 \\ \hline 10 \end{array}$ $\begin{array}{r} -85 \\ \hline 60 \end{array}$ $\begin{array}{r} -76 \\ \hline 20 \end{array}$

r) $\begin{array}{r} -36 \\ \hline \square \end{array}$ $\begin{array}{r} -48 \\ \hline \square \end{array}$ $\begin{array}{r} -27 \\ \hline \square \end{array}$ $\begin{array}{r} -59 \\ \hline \square \end{array}$ $\begin{array}{r} -38 \\ \hline \square \end{array}$ $\begin{array}{r} -74 \\ \hline \square \end{array}$

HAWADA

Sida xoolumu ugu baahan yihiin hawada ayaa geeduhuna ugu baahan yihiin. Geeduhi waxay u baahan yihiin hawo taas oo ay nolosha iyo koritaanka geeduhi ku xidhan yihiin.

Marka la beerayo abuur, waxa marka hore la qodaa oo la burburiyaa carrada. Ujeedoo-yinka arrintaas laga leeyahay waxa ka mid ah:

In hawo ay dhex gasho carrada dhexdeeda si uu geedku uga faa'iidayasan karo.

Casharka 53aad

MACDAN

Macdantu waa waxyaalo ku jira carrada: Macdantu waa waxyaalaha uu ka samayo cuntada geedku. Macdanta la'aantood geedku ma koro. Macdantu waxay ku milantaa biyaha; Kaddibna waxay kor u raacdaa xididdada geedka iyo jirriddisa, Si ay caleenta u gaadhaan, kaddibna cunto looga sameeyo.

L A Y L I

1. Wax ka sheeg siyaalaha uu geedku ugu baahan yahay waxyaalaha soo socda:
 1. Hawada,
 2. Biyaha,
 3. Macdanta iyo
 4. Cimilada.

2. Waa maxay faa'i idada ay leedahay in carrada si fiican loo qodo intaan abuur-ka lagu beerin?

•

Casharka 54aad

NOOCYADA CARRADA

Geedka galleydu waxu si wanaagsan ugu baxaa carrada aan biyo qabatinka badnayn, ee biyo aaney fadhiisan. Galleydu waxay u baahan tahay carro nafaqo badani ay ku jirto sida carra madowda webiyada jiinkooda. Galleydu uma adkeysato haddii carrada ay biyo fadhiistaan maalin keliyana ha noqotee. Geedka galleydu kuma baxo carrada ay milixdu ku badan tahay. Haddi beertu ay leedahay geedo yar yar oo aan ahayn kuwa la beeray ama haramaayo, galleydu si wanaagsan uma baxdo.

LAYLI

1. Waa maxay nooca carrada ugu habboon beerista galleyda?
2. Waa maxay faaiidooyinka diyaarinta carradu?
3. Dhowr carro oo kala jaad ah ku beer galley ka dibna u fiirso siday u kala dheereyso bixistoodu.

$$12 - 5 = ? \rightarrow \boxed{} \quad \boxed{}$$

$$12 - 2 = 10 \rightarrow \boxed{} \quad \boxed{\cancel{0}\cancel{0}}$$

$$10 - 3 = 7 \rightarrow \boxed{} \quad \boxed{\cancel{0}\cancel{0}\cancel{0}}$$

$$12 - 2 - 3 = 7 \quad 12 - 5 = 7$$

$$\text{b) } 13 - 5 = \quad \text{t) } 12 - 7 = \quad \text{j) } 15 - 9 =$$

$$12 - 4 = \quad 15 - 6 = \quad 17 - 8 =$$

$$11 - 2 = \quad 16 - 9 = \quad 14 - 6 =$$

$$12 - 5 = \quad 14 - 8 = \quad 16 - 8 =$$

$$13 - 6 = \quad 13 - 4 = \quad 12 - 9 =$$

$$\text{x) } 23 - 6 = \quad \text{kh) } 35 - 7 = \quad \text{d) } 42 - 4 =$$

$$25 - 7 = \quad 32 - 5 = \quad 43 - 6 =$$

$$26 - 9 = \quad 34 - 8 = \quad 45 - 6 =$$

$$24 - 8 = \quad 33 - 5 = \quad 44 - 9 =$$

$$22 - 3 = \quad 35 - 9 = \quad 43 - 5 =$$

$$\text{dh) } \begin{array}{r} \underline{-27} \\ \underline{14} \end{array} \quad \begin{array}{r} \underline{-45} \\ \underline{14} \end{array} \quad \begin{array}{r} \underline{-38} \\ \underline{14} \end{array} \quad \begin{array}{r} \underline{-57} \\ \underline{14} \end{array} \quad \begin{array}{r} \underline{-68} \\ \underline{14} \end{array} \quad \begin{array}{r} \underline{-76} \\ \underline{14} \end{array}$$

$$\text{r) } \begin{array}{r} \underline{-45} \\ \underline{23} \end{array} \quad \begin{array}{r} \underline{-26} \\ \underline{14} \end{array} \quad \begin{array}{r} \underline{-48} \\ \underline{15} \end{array} \quad \begin{array}{r} \underline{-59} \\ \underline{32} \end{array} \quad \begin{array}{r} \underline{-57} \\ \underline{25} \end{array} \quad \begin{array}{r} \underline{-36} \\ \underline{26} \end{array}$$

DIYAARINTA DHULKA

Marka dhulka loo diyaarinayo, waxa lagu qodaa gacanta iyada oo la adeegsanayo qalabka ay ka mid yihiin yaambo iwm. ama dibi ama waxa la isticmaalaa makiinado. Tallaabada ugu horreysa ee diyaarinta, waa qodaalka carrada. Taas waxa looga dangleeyahay laba ujeeddo:

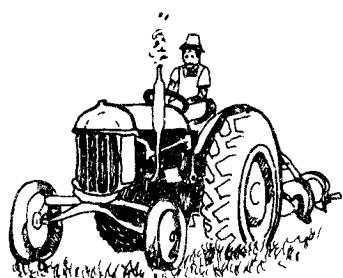
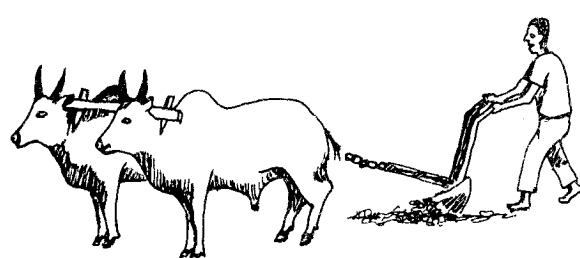
1. *In la burburiyo carrada korkeeda sare ee adag si iniinuhu ay ugu bixi karaan.*
2. *Si loo carra rogo oo carrada nafaqada leh ee hoose ay kor u soo marto. In hawo ay dhex gasho carrada, biyo qabatina ay u yeelato carradu.*

Beerta marka la falo, mararka qaarkood waa la isku simaa carrada, mararna sideeda ayaa loo dhaafaa. Labada siyaalood midkastiba waxay leedahay faa'iidooyin iyo dhibaatooyinba. Hase yeeshoo waxaan kugula talineynaa in aad carrada korkeeda isku sintid.

LAYLI

1. *Waa maxay faa'iidooyinka beerta carradeedu isku siman tahay?*
2. *Waa maxay dhibaatooyinka ay leedahay beerta aan carradeedu isku sineyn?*

CARRO LAGU QODAYO YAAMBO

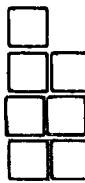
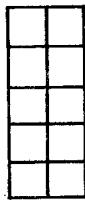


CARRO LAGU QODAYO

DIBI

AMA

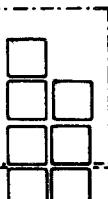
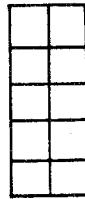
CAGAF



32

-

7

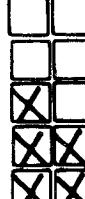


20

+ 12

-

7



32

-

7

=

25

$$32 - 7 = 20 + 12 - 7$$

$$12 - 7 = 5$$

$$32 - 7 = 20 + 5 = 25$$

$$\underline{- 34} \\ 17$$

$$\underline{- 45} \\ 27$$

$$\underline{- 24} \\ 18$$

$$\underline{- 47} \\ 19$$

$$\underline{- 25} \\ 16$$

$$\underline{- 58} \\ 39$$

$$\underline{- 26} \\ 17$$

WAQTIGA ABUURKA

Waqtiga la abuuro galleyda waa arrin aad u muhiim ah. Waxay raad weyn ku leedahay tacabka kuu go'aya. Haddii aad waqtii habboon abuurtid galleyda, waxaad goosanaysaa tacab fara badan.

Taas micnaheedu wuxu yahay waxa abuurka lagu ridaa carrada iyada oo engegan oo aan reys lahayn.

Haddii aad dalkeenna eegtid roobka guxga iyo deyrtu ma laha waqtiiyo sugar oo ay bilowdaan. Hase yeeshii waxa habboon in laga horreysiyo roobka, 7 ilaa 10 maalmood. Waqtiga gugii waxa habboon in beer-ta la abuuro kowda Abril ilaa 25keeda.

Deyrtiina 15ka Oktoobar ilaa 15ka Nofem-bar roobka hortii waxay yihiin:

1. *Waqtiga ka horreeya bilowga roobku, waa waqtiga ugu habboon ee iniinuhu biqlaan, marka laga eego qoyaanka hawada ku jira iyo heerka kulka.*
2. *Waxa abuurku ku faa'iideystaa nafaqada faraha badan leh ee roobka ugu horree-ya uu ka meydho carrada.*
3. *Badanaaba waxa ku yaraada cudurada ku dhasha xididdadà geedka, haddii carro engegan lagu abuuro.*

LAYLI

1. *Waa maxay waxtarka ay leedahay, haddii waqtii habboon la beero galleyda.*
2. *Iyama habboon in galleyda la beero, roobka hortii ama roobka gadashii?*

GU

1	10	20	1	10	20	1	10	20	1	10	20
MAARSO	ABRILE		MAAJO		JUUNYO						
ROOB YAR	WAQTIGA ABUURIDDA		ROOB BADAN		ROOB YAR						

DAYR

1	10	20	1	10	20	1	10	20	1	10	20
SETEMBER	OKTOOBER		BARNOFEMBER		DISEMBER						
ROOB YAR	WAQTIGA ABUURIDDA		ROOB BADAN		ROOB YAR						

WAQTIGA BEER-ABUURKA EE DEGMOOYINKY WAA KALA GADDISAN YAHAY;
TAAS OO KU XIRAN SIDA AY ROOBKA U KALA HOR HELAAN.

ABUURIDDA BEERTA

Marka galleyda lagu ridayo carrada, waxaa habboon in god yar carrada looga faago. Kaddibna carro dusha lagaga qariyo. Haddii aad abuurka ku ridid god aad u dheer oo carra badani ay korka ka fuusho ma biglo.

Isla sidoo kale haddii aad korka sare iska saartid abuurka adiga oo aan carro ku qarin, waxa ay halis u yihiin in ay cunaan qudhaanjo, shimbiro iwm.



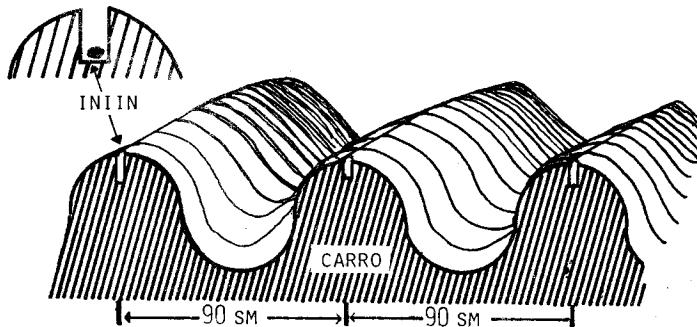
HAYSKA DAADIN ABUURKA, MAXAA DHACAYA HADDII DHIRTU
MEEL KU YARAATO MEELA KU BADATO ?



GALLEYDA SAFAF U ABUUR. BEERTA SI FIICAN U BAXAYSA.

Sidaas darteed carrada rayska ah waxa habboon in abuurka lagu rido god hoos u qodan 3 - 5 sentimitir ama 1 - 2 hiish.

Haddii carradu engegan tahay waxa wanaagsan in abuurka lagu rido god hoos u qodan 10 sentimitir ama 4 hiish.



Waxa habboon in carrada loo sameeyo moosas. Taas oo leh meel sare iyo meel hoose (eeg masawirka). Iniinaha ku rid meesha kor u taagan. Haddii aad meesha godan ku ridid iniinaha , biyaha ayaa qaada. Labadii moosba waxa habboon in ay isu jiraan 90 sentimitir.

LAYLI

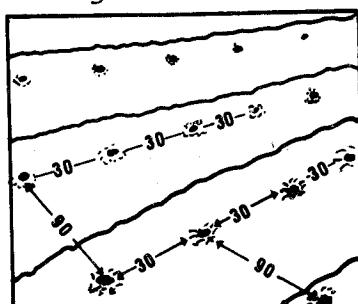
1. Maxaa dhaca haddii abuurka aan god lagu ridin?
2. Maxaad filaysaa in ay dhici karaan haddii aan abuurka god dheer lagu ridin?
3. Immisa ayaa la kala durkiya abuurka galleyda? Waayo?

Marka aad beerta abuurka ku rideyso gobol yar oo ka mid ah abuurka ku kor yaaci adiga oo aan ciid ku qarin, gaar kalena godad aad u dheer ku rid. U fiirso waxa dhaca.

KALA DURKINTA GEEDAH A GALLEYDA

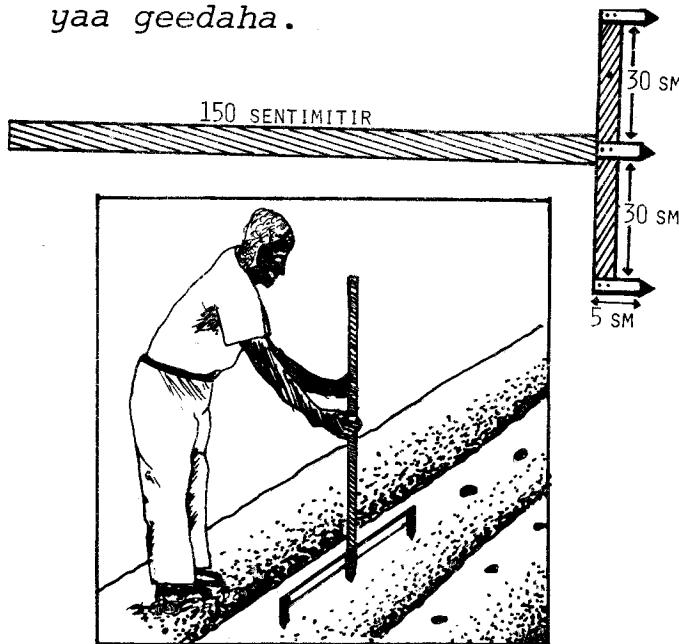
Marka abuurka la beerayo waxa habboon in la kala durkiyo si aaney geeduhi isu cidhii-dhin. Una kala waayin, biyo, nafaqo iyo hawo. Isla sidoo kale ma habboona in aad loo kala durkiyo. Waayo, tirada geedaha ee aad beeri kartid ayaa yaraanaysa. Si dhibaa-tooyinkaa looga badbaado, waxa habboon in talaabooyinka hoose la tixgeliyaa marka abuurka la beerayo.

1. *Meelaha carradu ay engegan tahay ee roobku ku yar yahay, waxa la qaatay in geedaha in badan la kala durkiyo, si aaney biyo u kala waayin.*
2. *Waxa badanaa wanaagsan in ugu yaraan 30 sentimitir ama hal fuudh la kala durkiyo, marka la beerayo abuurka. Wuxuu qiyasaa kartaa hal talaabo oo qof caadi ah.*
3. *Geeduhi isku bataan, biyaha ayay kala waayaan. Cidhiidhku wuxu dhiiri geliyaa in biyo fadhisstaan ama in aboor, qudhaanjo iyo cuduro ay dhibaato gaadhsiiyaan geedaha.*



LAYLI

1. Waa maxay qiyaasta ugu habboon ee la kala durkiyo geedaha galleyda?
2. Waa maxay dhibaatooyinka ka imman kara marka ay geeduhi isku bataan?
3. Akhri weedhahan kaddibna sheeg ta runta ah:
 - b) Meesha roobka badan waa la kala durkiyaa galleyda.
 - t) Meelaha roobka yar waa la isku dhaweyya geedaha si ay isu dugsadaan.
 - j) Meesha roobka yar waa la kala durkiyaa geedaha.



QALABKA SAWIRKA KU MUUJISANI WUXU KA SAMAYSANYAHAY
LABA GORI, WAXA LAGU DALOOLIYAA GODADKA ABUURKA LAGU RIDO; WAXANA LAGU CABBIIRAA INTA AY ISU JIRAYAAN,

1. Qoys baa 93 ari ah leh. Haddii 36 ido tahay. Immisaa riyo ah?
2. Reer baa waxa u foofay 42 ari ah, 17 lo' ah iyo 26 geel ah. Guud ahaa immisay xoolo haystaan?
3. Wuxaan haysataa 20 geel ah. 8 ka mid ah ayaa rimay ah. Haddii midi dhicisay todobana dhashay. Immisa geel ah ayaad isku haysataa?
4. Xaawo ayaa neef soo iib qaysay. Waxuu baxay 97 shilin. Hadday 58 shilin ashcaar u qaadataay, immisay naqad u qaadataay?
5. Nin caano diiq ah baa 4 dhiilood oo caano ah maqaalo u soo iib qeeyey. Mid waxa ku jiray 13 koombo, midna 20 koombo, labada kalena min saddex iyo sodon koombo. Guud ahaan immisa koombo oo caano ah ayuu soo iib qeeyey?

HARAMAYNTA

Beerta yaanay harame ama geedo aan loo baahnayni ka bixin. Waxay ka mid tahay sababaha uu tacabku u yaraado. Wuxa la ogaa-day in haddii inta uu geedka galleydu yar-yahay uu harame ka baxo beerta, in aan galleydu ka soo kaban oo ay waxyeelo gaa-dho koritaankiisa. Sidaas darteed waxa habboon in saddex jeer la harameeyo beerta.

1. Marka geedka dhererkiisu gaadho 7 - 8 sentimitir ama 3 hiish.
2. Marka uu yahay 45 sentimitir ama 18 hiish.
3. Marka uu gadho 90 sentimitir ama 36 hiish.

LAYLI

1. Waa maxay dhibaatada ay haramuhu u gey-sato gallayda?
2. Goorma ayaa galleydu ugu taag daran tahay oo haramuhu dhibaato weyn u geysataa?
3. Waa goorma waqtiyada ay ku habboon tahay in la harameeyo galleyda?

ama ?

b) 12 <input type="checkbox"/> 7 = 19	t) 23 <input type="checkbox"/> 8 = 15	j) 45 <input type="checkbox"/> 2 = 43
14 <input type="checkbox"/> 5 = 9	35 <input type="checkbox"/> 7 = 28	67 <input type="checkbox"/> 5 = 72
17 <input type="checkbox"/> 6 = 11	42 <input type="checkbox"/> 6 = 48	83 <input type="checkbox"/> 7 = 90
19 <input type="checkbox"/> 3 = 22	39 <input type="checkbox"/> 2 = 41	92 <input type="checkbox"/> 4 = 88
18 <input type="checkbox"/> 9 = 9	47 <input type="checkbox"/> 7 = 40	85 <input type="checkbox"/> 6 = 91

x) 99 + 1 = 100	kh) 599 + 1 =
199 + 1 = 200	699 + 1 =
299 + 1 = 300	799 + 1 =
399 + 1 = 400	899 + 1 =
499 + 1 = 500	999 + 1 =

d) 200 + 300 =	dh) 300 + 400 =
400 + 200 =	500 + 400 =
100 + 500 =	200 + 600 =
300 + 600 =	700 + 200 =
200 + 600 =	600 + 300 =

<u>$\begin{array}{r} 150 \\ + 300 \\ \hline \end{array}$</u>	<u>$\begin{array}{r} 340 \\ + 200 \\ \hline \end{array}$</u>	<u>$\begin{array}{r} 420 \\ + 500 \\ \hline \end{array}$</u>	<u>$\begin{array}{r} 530 \\ + 400 \\ \hline \end{array}$</u>	<u>$\begin{array}{r} 630 \\ + 100 \\ \hline \end{array}$</u>
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BACRIMIYAYAAL

Inta kaaga go'aysa beertu, waxa ay hadba ku xidhan tahay:

1. *In waqtii habboon lagu rido abuurka.*
2. *In si wacan loo kala durkiyo geedaha, si ay nafago iyo hawo u kala helaan.*
3. *In si fiican loo harameeyo.*
4. *In abuur faya qaba la beero.*

Haddii arrimahaas aad dhawrto waxa kuu go'aya tacab wanaagsan. Si loo dhawro na-faqada carrada ku jirta, oo aanay u ya-raan waxa habboon in digada xoolaha lagu shubo carrada. Digada xooluhu waxay na-fageysaa carrada.

Waxa wacan in aad digada ku shubtid carra-da roobka hortiis, si marka roobku u da'o ay u maydhanto oo carrada u gasho.

Waxa kala oo jira bacrimiyayaal dadku sa-meeyaan oo carrada lagu nafaqeeyo. Hase yeeshee haddii aan si fiican oo qiyaas ah loo isticmaalin, dhibaato ayey u keen-aan beerta. Sidaas darteed la kaasho aqoon-yahanada beeraha ee degmadaada.

LAYLI

1. Waa maxay waxyaalaha ay habboon tahay in aad dhawrtid, si aad u goosatid tacab wanaagsan, marka aad wax beeraysid?
2. Waa maxay faa'iidada ay leedahay carrada oo lagu shubo digada?
3. Goormay habboon tahay in digada lagu shubo carrada?

Casharka 65aad

CAYAYAANKA DULINKA AH

Cayayaanku, sida haramaha oo kale ayay qasaare balaaran gaadhsiiyaan geedka galleyda. Cayayaan kala geddisan ayaa galleyda cuna. Qaarkood waxay ku dhashaan sabuulka, qaarna jirridda iyo xididka.

Cayayaanka qaar waxay ku dhashaan caleenta, qaar kalena waxay ku dhashaan marka la kaydsho.

Hoos waxa ku qoran cayayaanka dulinka ah qaarkood, meelaha ay ka galaan geedka, iyo calaamadaha lagu garto.

Nooca Cayayaanka

1. Cayayaanka cuna xididada

Meesha ay galaan

Waxay cunaan abuurka iyo xididada

Calaamadaha:

Geedaha ayaa cilin noqda.

Meelo abuur lagu riday ayaa madhnaada oo aan geed ka soo bixin. Dhismaha geedka oo noqdo mid taag daran.

2. Dhuun-qabad

Meesha ay galaan: Caleemaha

Calaamadaha: Caleemaha oo diirma amarifma.

Caleemaha oo daloollo yar-yar yeeshaa.

3. Kobojaa

Meesha ay galaan: Caleemaha

Calaamadaha: Caleemaha ayaa hareeraha ka soo googo'a. Qaarkoodna waa madhaan marka la cunno.

4. Dixri Dhuleedka Galleysa

Meesha ay galaan: Sabuulka iyo bulkissa

Calaamadaha: Midhaha sabuulka ayey beerka kala baxaan. Qolofta dusha ayaa soo hadha.

5. Cayayaanka galà galleysa lala keydshay

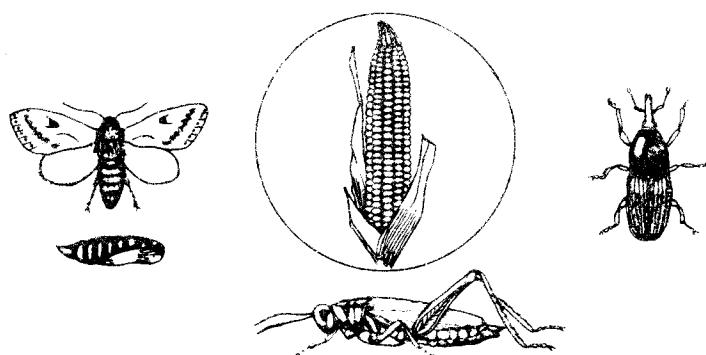
Midhaha ayaa dalolo aad ku arkaysaa iyo, kuwo beerka lagala baxay.

Cayayaankaas oo dhami waxay leeyihiin sun lagula dagaalamo; qof aqoon u leh oo qudha ayaana isticmaali kara. Haddii lagu badsho geedka iyo haddii laga yareeyaba dhibaato ayaa geedka gaadha. Sidaas dar-teed la kaasho dhakhtarada Beeraha, mar-ka aad isticmaaleysid.

KEYDINTA MIDHAHA

Galleyda waxa weerara cayayaan badan mar-ka la keydsho. Waxay u geystaan dhibaatoo-yin badan. Si dhibaatooyinka cayayaankaas looga badbaado taloooyinka hoos ku qoran ayaa la raacaa.

1. *Midhaha waa in lagu kaydiyaa meelo ka xijaaban xayawaanka cuna midhaha.*
2. *Midhaha waa in laga ilaaliyaa roobka.*



3. *Dhulka lagu kaydinayo midhaha waa in marka hore aad loo nadiifiyaa.*
4. *Midhaha cusub iyo midhaha xilligii hore la tabcaday waa in aan meel lagu wada kaydin.*
5. *Haddii aad damacdo inaad midho cusub ku kaydisid meel hore midhaha loogu kaydin jirey, waa inaad marka hore na-diifisid meesha, ama sun ku buufisid.*
6. *Haddii dantu kuu suurta gelin waydo inaad midhaha cusub meel gooniya ku kaydisid, waxaa habboon inaad buufiso kaydkii hore intaadan midhaha cusub kula kaydin.*

b t j x

d r s c

g f q k

l m n w

h y

a e i o u

1 2 3 4 5 6 7 8 9 0