

Ubumenyi n'Ikoranabuhanga Riciriritse

Igitabo cy'Umunyeshuri

Umwaka wa

3

W'Amashuri Abanza

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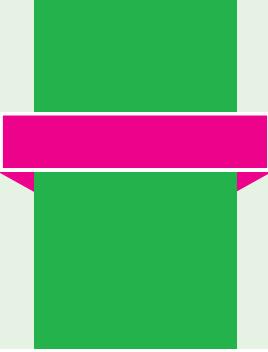
Uburenganzira bw'umuhanzi w'ibikubiye muri iki gitabo bufitwe n'Ikigo
Gishinzwe Guteza Imbere Uburezi mu Rwanda (REB).

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IRIBURIRO

Munyeshuri, isomo ry'Ubumenyi n'Ikoranabuhanga Riciriritse ni umusingi uzatuma ushobora kwiga siyansi mu bihe biri imbere.

Ubumenyi n'Ikoranabuhanga Riciriritse ni intangiriro yo gukunda no gukurikira amasomo ya siyansi n'Ikoranabuhanga mu mashuri yisumbuye.

Ubumenyi n'Ikoranabuhanga Riciriritse ni inkingi fatizo mu iterambere ry'umuntu ku giti ke, umuryango n'Igihugu muri rusange.

Iki gitabo gikubiyemo ibyigwa bizagufasha kugira ubushobozi bwo:

- Kwikorera ibikinisho, ibikoresho by'ibanze n'imfashanyigisho
- Gukoresha terefoni mu buzima busanzwe no mu ikoranabuhanga.
- Gukoresha mudasobwa ya XO.
- Gusobanukirwa akamaro k'ibidukikije ku binyabuzima.
- Gutunganya no kubika uko bikwiye amazi yo kunywa.
- Gutandukanya amoko y'ubutaka n'uburyo bwo kuburinda isuri.
- Gutandukanya amoko y'inyamaswa ushingiye ku rutirigongo.
- Gusobanukirwa isano iri hagati y'ingingo, imikaya n'amagufwa.
- Gutandukanya amoko y'ingufu.
- Gusobanukirwa ibyiza n'ibibi by'amashanyarazi.
- Gusobanukirwa ibyiza n'ibibi bya rukuruzi.

Gushyika ku bumenyi n'ubushobozi bikubiye muri iki gitabo no kugikoresha neza ni ingirakamaro.

Umutwe wa

1

IBIKINISHO, IBIKORESHO BY'IBANZE N'IMFASHANYIGISHO



Mu ishuri ryacu umwana yahanaguje ikibaho intoki kandi bitemewe. Hari n'abana babura icyo bifubika igihe k'imbeho kandi barwaye mu mihogo. Twabigenza dute ngo dukemure ibyo bibazo?



1. Gukora igihanaguzo k'ikibaho mu bitambaro

Igikorwa cya 1

Gukora igihanaguzo mu bitambaro

- a. Itegerezze amashusho 1, 2, 3, 4, 5 na 6 akurikira:



1



2



3



4

5



6



- b. Vuga amazina y'ibikoresho byifashishwa kuri aya mashusho.
- c. Wifashishije ibyo bikoresho kora igihanaguzo wigana uko byakozwe ku mashusho.

Mvumbuye ko:

Iyo ukora igihanaguzo ukenera ibikoresho bikurikira:
udutambaro, urushinge n'urudodo.

Nshoboye:

- Gushyira urudodo mu rushinge no guhina agatambaro mo kabiri.
- Guteranya nkadoda agafuka.
- Gutsindagira udutambaro mu gafuka.
- Kudoda umutwe wo hejuru w'agafuka karimo udutambaro.
- Guhanagura ikibaho nkoresheje igihanaguzo nakoze.

Umwitoto



Tondeka ku buryo buboneye inzira zo gukora igihanaguzo k'ikibaho mu bitambaro.

1. Guteranya agafuka no kugatsindagiramo udutambaro.
2. Gushyira urudodo mu rushinge no guhina agatambaro.
3. Guhanagura ikibaho.
4. Kudoda umutwe wo hejuru w'agafuka.

2. Kuboha imfubikajosi

Igikorwa cya 1

Kuboha imfubikajosi mu mboho bufuro

a. Itegereze amashusho 1, 2, 3, 4, 5, 6, 7 n'iya 8 akurikira:

1



2



3



4



5



6



7



8



- b. Vuga amazina y'ibikoresho binguranye biboneka kuri aya mashusho.
- c. Ni ubuhe bwoko bw'imboho bwakoreshejwe ku mashusho?
- d. Ifashishe ibyo bikoresho ubohe imfubikajosi wigana uko byakozwe ku mashusho.

Mvumbuye ko:

Iyo uboha imfubikajosi mu mboho bufuro ukenera ibikoresho bikurikira: inshinge zo kubohesha, ubudodo n'umukasi.

Nshoboye:

- Gukora ipfundu ringerera.
- Gukora amano 50.
- Kuboha impindure n'impindurize.
- Kuboha kugeza ku burebure nifuza.
- Gusoza no gushyiraho inshunda.
- Gukata inshunda.

Umwitoto



Tahura ibikoresho byo kuboha imfubikajosi biri muri uru rusobe.

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

Umukoro

Boha imfubikajosi mu mboho bufuro, uyihe ababyeyi bawe nk'impano.

Igikorwa cya 2

Kuboha imfubikajosi mu mboho nzirimwe

a. Itegerezze amashusho 1, 2, 3, 4, 5, 6, 7 n'iya 8 akurikira:

1



2



3



4



5



6



7



8



- b. Tanga izina ry'igikoresho usanga mu ishusho ya 8.
- c. Vuga uwoko bw'imboho bwakoreshejwe.
- d. Tegura ibikoresho wamenye ko wakwifashisha uboha imfubikajosi.
- e. Boha imfubikajosi ukurikije intambwe z'ingenzi ubonye ku mashusho.

Mvumbuye ko:

Iyo uboha imfubikajosi mu mboho nzirimwe ukenera ibikoresho bikurikira: inshinge zo kubohesha, ubudodo n'umukasi.

Nshoboye:

- Gukora ipfundu ringerera.
- Gukora amano atarenga 50.
- Kuboha impindure n'impindurize.
- Kuboha kugeza ku burebure nifuza.
- Gusoza no gushyiraho inshunda.
- Kuringaniza inshunda.



Nsuzuma ngusuzume

Boha imfubikajosi mu mboho bufuro nange nyibohe mu mboho nzirimwe. Turebe uwarushije undi.

Imyitozo



1. Vuga amoko y'imboho y'imfubikajosi:
2. Sobanura akamaro k'imfubikajosi:
 - a) Ku bayambara
 - b) Ku bayiboha

Umukoro

Boha imfubikajosi mu mboho nzirimwe, uyihe ababyeyi bawe nk'impano.

3. Kuboha umusambi mu bwatsi

Igikorwa cya 1

Gutegura ibikoresho

- a. Itegereze amashusho 1, 2, 3 na 4 akurikira:



- b. Vuga amazina y'ibikoresho ubona ku mashusho 1, 2 na 3.
c. Sesengura ibiri gukorwa ku mashusho 1 na 2.
d. Sobanura ibiri gukorwa ku mashusho 3 na 4.
e. Mu gace k'iwanyu bifashisha iki iyo baboha umusambi?

Mvumbuye ko:

- Iyo uboha umusambi ukenera ibikoresho bikurikira: urukangaga, imigwegwe, icyuma, urwembe, amazi, ibuye.
- Iyo ugiye kuboha umusambi ubanza gutegura ibikoresho.

Igikorwa cya 2

Kuboha umusambi

- a. Itegereze amashusho 1, 2, 3 na 4 akurikira:



- b. Rondora ibikoresho ubona kuri aya mashusho.
c. Vuga ibyiciro byo kuboha umusambi kugeza wuzuye bigaragara ku mashusho 1, 2, 3 na 4.
d. Boha umusambi uzatangaho impano.

Nshoboye

A. Gutegura ibikoresho biboheshwa umusambi ku buryo bukurikira:

- Guca urukangaga.
- Kuruhonda no kurwanika.
- Guca imigwegwe.
- Kuyihwihura.

B. Kuboha umusambi nkora ibi bikurikira:

- Gutondera umusambi
- Kuboha utagoreka ingenge/umuhiro ukageza ku burebure wifuza.
- Gusoza umusambi no gukegeta umusambi wuzuye.

Umukoro

- a. Boha umusambi mu bwatsi uzawuhe ababyeyi nk'impano.
- b. Boha umusambi mu birere uwutegure imbere y'igitanda uryamaho.
- c. Tanga ingero z'ubundi bwatsi wabohamo umusambi uretse urukangaga.

4. Kuboha uruhago (imvumba) mu birere

Igikorwa cya 1

Gutegura ibikoresho

- a. Itegerezze amashusho 1, 2, 3 na 4 akurikira:



- b. Ni ibihe bikoresho ubona ku mashusho 1, 2, 3 na 4?
- c. Ibikorwa biri ku mashusho bigamije iki?
- d. Sobanura ibiri gukorwa ku mashusho 1, 2, 3 na 4.
- e. Vuga impamvu ari ngombwa kubobeza ibirere mbere yo kubikoresha.

Igikorwa cya 2

Kuboha imvumba

a. Itegereze amashusho 1, 2, 3 na 4 akurikira:



- b. Tanga izina ry'ikibohwa kigaragara ku ishusho ya 4.
c. Sobanura ibiri gukorwa ku mashusho 1, 2, na 3.
c. Ifashishe ibikoresho wabonye ku mashusho ubohe imvumba ukurikiza uburyo bugaragara kuri aya mashusho.

Mvumbuye ko:

- Iyo ubohe imvumba wifashisha ibirere n'icyuma gikata.
- Kuboha imvumba hakorwa ibantu bibiri by'ingenzi ari byo:
Gutegura ibikoresho no kuboha imvumba nyirizina.

Nshoboye

- Guca ibirere mu rutoki.
- Kubobeza ibirere.
- Gusatura ibirere.
- Gutondera imvumba.

- Guhinamo 2 mpiniye ku ngenge y'umuhiro wo gutondera.
- Kuboha imvumba nzenguruka.
- Gusoza no gukegeta imvumba.
- Kuboha umushumi no kuwushyiraho.



Nsuzuma ngusuzume

Boha imvumba mu birere nange mbohe indi mu rukangaga n'imigwegwe turebe uwaboshye inziza.

Umukoro

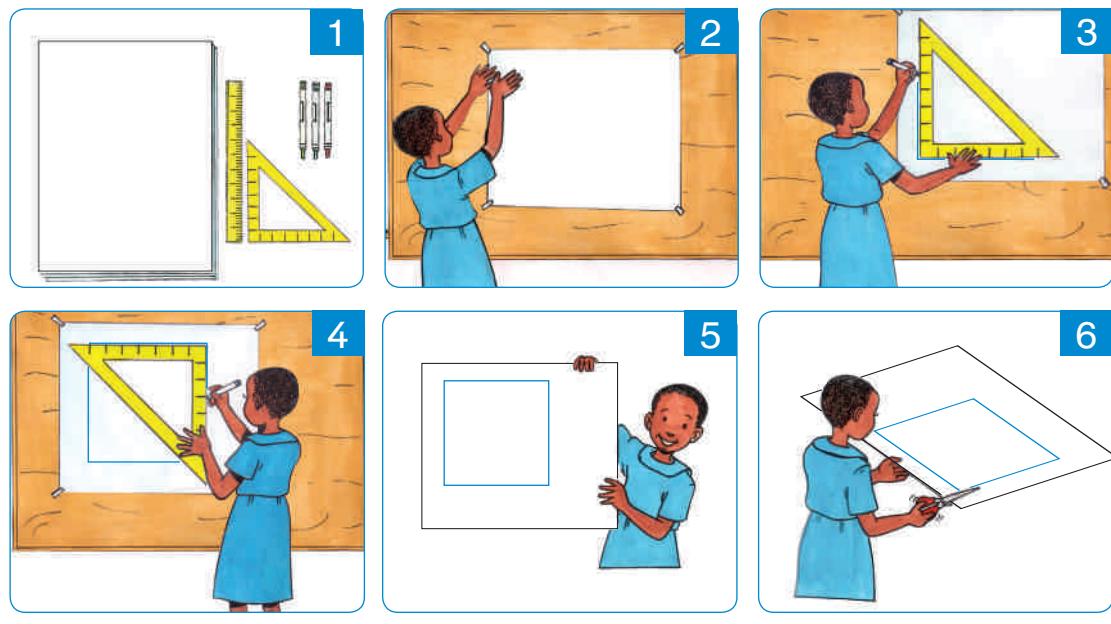
Boha imvumba uzajya utwaramo ibyo bagutumye guhaha.

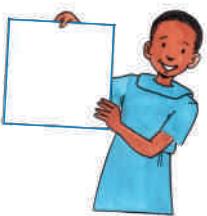
5. Gukora ibinyampande mu mpapuro cyangwa mu bikarito

Igikorwa cya 1

Gukora kare

- a. Itegerezze amashusho 1, 2, 3, 4, 5, 6 na 7 uvuge ibyo uyabonaho:





7

- b. Vuga izina ry'ikinyampande cyakozwe.
- c. Vuga ibikoresho bikenerwa iyo ushaka gukora kare mu mpapuro cyangwa mu gikarito.
- d. Sobanura ibiranga kare.
- e. Kora kare mu rupapuro uyimanike mu ishuri.

Mvumbuye ko:

Iyo ushaka gukora kare ukenera ibikoresho bikurikira: impapuro, ibikarito, umukasi, ameza, ikaramu y'igitu, amakaramu, marikeri, irati cyangwa inguni.

Nshoboye

- Guca imfuruka igororotse nkoreshoje inguni no gupima cm 10 za buri murongo ukoze iyo mfuruka.
- Guca indi mfuruka igororotse iteganye n'iyo naciye mbere.
- Kugenzura ikinyampande nakoze ko gifite impande 4 zingana n'imfuruka 4 zigororotse.
- Gukata kare nakoze nifashishiye umukasi.

Umwitoto



Tondeka ku buryo buboneye inzira zo gukora kare.

1. Gukata kare nakoze.
2. Guca indi mfuruka igororotse iteganye n'iyo naciye mbere.
3. Kugenzura ko impande zingana.
4. Guca imfuruka zigororotse.

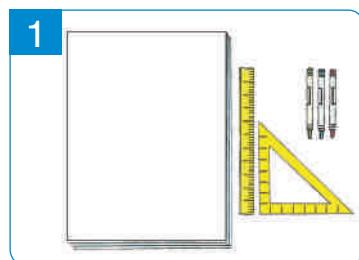
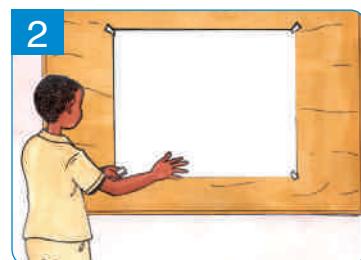
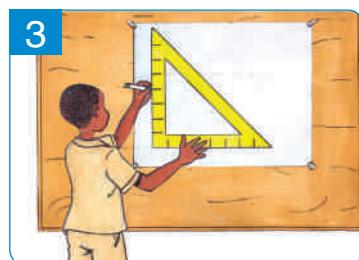
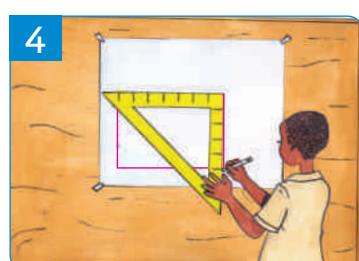
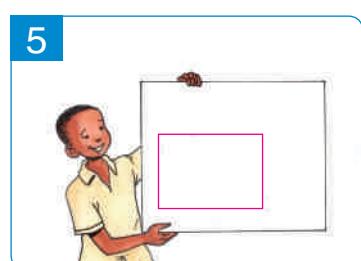
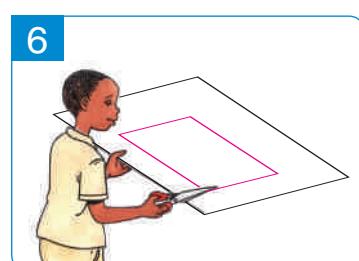
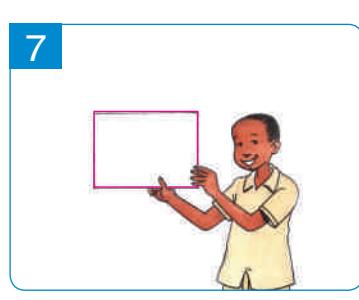
Umukoro

Kora kare mu gikarito uyimanike mu cyumba uraramo.

Igikorwa cya 2

Gukora urukiramende

a. Itegerezze amashusho 1, 2, 3, 4, 5, 6 na 7 akurikira:

- 1 
 - 2 
 - 3 
 - 4 
 - 5 
 - 6 
 - 7 
- b. Vuga izina ry'ikinyampande kiri ku ishusho ya 7.
- c. Vuga ibikoresho bikenerwa iyo ushaka gukora urukiramende.
- d. Sobanura ibiranga urukiramende.
- e. Kora urukiramende mu gikarito maze urumanike mu ishuri ryawe.

Mvumbuye ko:

Iyo ushaka gukora urukiramende ukenera ibikoresho bikurikira: impapuro cyangwa ibikarito, ameza, umukasi, ikaramu y'igit, amakaramu, marikeri, irati cyangwa inguni.

Nshoboye

- Guca imfuruka igororotse nkoresheje inguni no gupima cm 12 z'uburebure na cm 6 z'ubugari ku mirongo igize ya mfuruka.
- Guca indi mfuruka igororotse iteganye n'iya mbere, ngahuza imirongo y'imfuruka ya mbere n'imirongo y'imfuruka ya kabiri.
- Kugenzura ikinyampande nakoze ko gifite impande ebyirebyiri ziteganye kandi zingana n'imfuruka 4 zigororotse.
- Gukata urukiramende nakoze nifashishije umukasi.

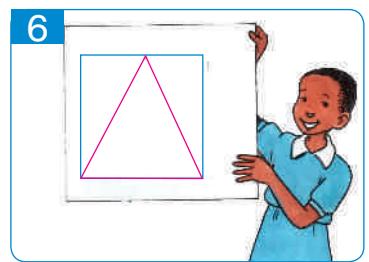
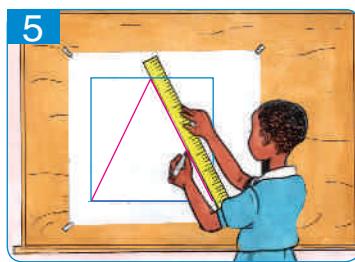
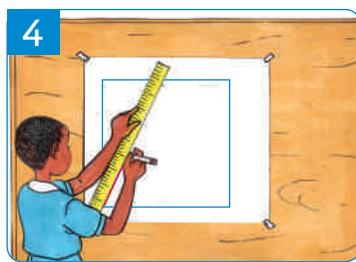
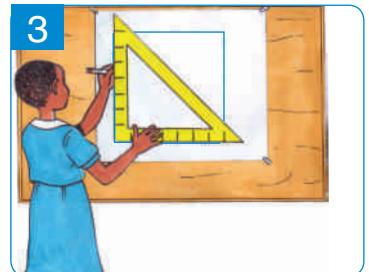
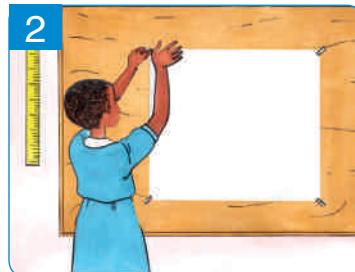
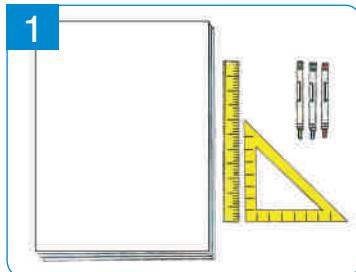
Umukoro

Kora urukiramende mu rupapuro urumanike mu cyumba uraramo.

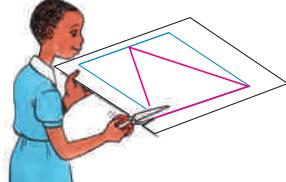
Igikorwa cya 3

Gukora mpandeshatu

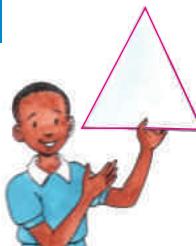
a. Itegerezze amashusho 1, 2, 3, 4, 5, 6, 7 n'iya 8 akurikira:



7



8



- b. Vuga izina ry'ikinyampande kiri ku ishusho ya 8.
- c. Vuga ibikoresho bikenerwa iyo ushaka gukora mpandeshatu mu rupapuro cyangwa mu ikarito.
- d. Sobanura ibiranga mpandeshatu.
- e. Kora mpandeshatu mu gikarito uyimanike mu ishuri.

Mvumbuye ko:

Iyo ushaka gukora mpandeshatu ukenera ibikoresho bikurikira: impapuro cyangwa ibikarito, ameza, umukasi, ikaramu y'igitu, amakaramu, marikeri, irati cyangwa inguni.

Nshoboye

- Gushushanya kare cyangwa urukiramende nkoresheje inguni.
- Gushyira akadomo mu murongo w'uruhande rumwe rwa kare cyangwa urukiramende.
- Guhuza ako kadomo n'inguni yo ku murongo wo hasi wa kare cyangwa urukiramende.
- Kugenzura ko nakoze ikinyampande gifite impande 3.
- Gukata mpandeshatu nakoze.

Umukoro

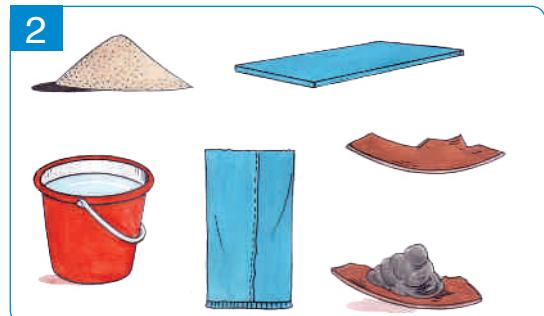
Kora mpandeshatu uyimanike mu cyumba uraramo.

6. Kubumba ikibindi mu ibumba

Igikorwa cya 1

Gutegura ibikoresho

a. Itegereze amashusho 1 na 2 akurikira:



b. Sesengura ishusho ya 1 n'iya 2

Igikorwa cya 2

Kubumba ikibindi

a. Itegereze amashusho 1, 2, 3, 4, 5 n'iya 6 akurikira:





- b. Vuga amazina y'ibikoresho bigaragara ku mashusho.
- c. Wifashishiye ibikoresho biboneka ku mashusho, bumba ikibindi ukurikiza intambwe wabonye.

Mvumbuye ko:

Iyo ushaka kubumba ikibindi ukenera ibikoresho bikurikira: ibumba, amazi, insibo, igikubyo, urujyo, n'inkogoto.

Nshoboye

- | | |
|----------------------|--------------------|
| – Gukata ibumba. | – Kubumba urugara. |
| – Kubumba indiba. | – Gusena. |
| – Kubumba umubyimba. | |

Umwitoto



Tahura ibikoresho bikenerwa mu kubumba ikibindi.

i	i	n	k	o	g	o	t	o	d
n	a	s	d	f	g	h	j	k	l
s	v	i	b	u	m	b	a	d	r
i	g	i	k	u	b	y	o	r	f
b	b	b	n	m	a	m	a	z	i
o	u	r	u	j	y	o	m	n	b

Umukoro

Bumba akabindi ugashyiremo ubutaka maze uteremo ururabo uzaha ababyeyi bawe.

7. Gukora imodoka y'igikinisho mu mikwege

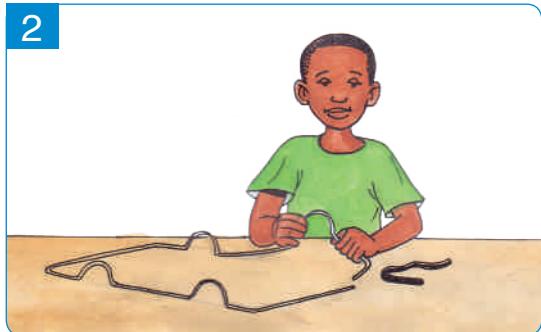
Igikorwa

a. Itegerezze amashusho 1, 2, 3, 4, 5, 6, 7, n'iya 8 akurikira

1



2



3



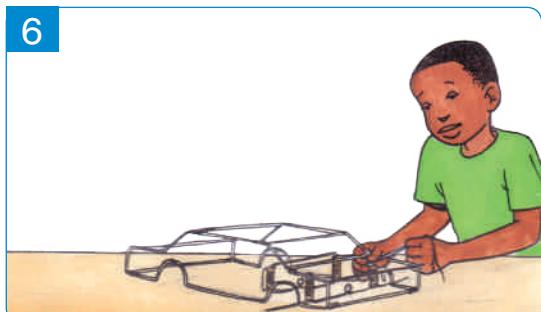
4



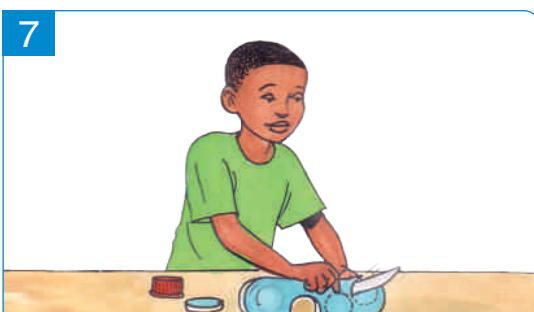
5



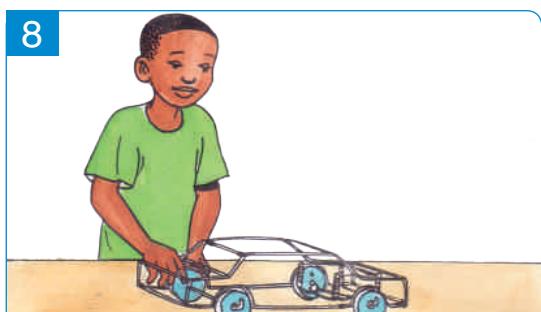
6



7



8



- b. Vuga amazina y'ibikoresho bigaragara ku mashusho.
- c. Wifashishije ibyo bikoresho kora imodoka mu mikwege ukurikiza intambwe wabonye kuri ayo mashusho.

Mvumbuye ko:

Iyo ushaka gukora imodoka ukenera ibikoresho bikurikira: imikwege, imikoba, amapine, imifuniko y'amacupa, imigano ikora amoritiseri, urwembe.

Nshoboye

- Kugonda umukwege ngakora igice cyo hasi.
- Kugonda umukwege ngakora igice cyo hejuru.
- Gukora imitambiko ihuza impande ebyiri z'igice cyo hejuru uringaniza ku bugari bw'igice cyo hasi.
- Gukora igice gifasha amapine y'imbere gukata.
- Gufatishaho icyo gice gifasha amapine y'imbere gukata.
- Gukora amapine.
- Gushyiraho amapine.

Umwitoto



Tahura ibikoresho bikenerwa mu gukora imodoka y'igikinisho.

a	u	r	w	e	m	b	e	i	t
i	m	o	d	o	k	a	n	m	a
u	m	u	k	o	b	a	n	i	g
i	m	i	m	i	k	w	e	g	e
f	i	r	i	p	a	d	m	a	k
a	m	a	p	i	n	e	n	n	n
i	m	i	f	u	n	i	k	o	b
v	e	r	m	e	t	e	r	o	s

Umukoro

Kora imodoka mu mikwege yo mu bwoko bw'ivatiri uzayihe mubyara wawe nk'impano.

8. Isuzuma risoza umutwe wa 1

1. Boha:
 - a. Imfubikajosi mu mboho bufuro.
 - b. Imfubikajosi mu mboho nzirimwe.
 - c. Umusambi.
 - d. Imvumba.
2. Kora ibinyampande bikurikira mu mpapuro cyangwa mu bikarito:
 - a. Kare
 - a. Urukiramende
 - c. Mpandeshatu
3. Kora imodoka mu mikwege
4. Bumba akabindi gato.
5. Rondora ibikoresho wakwifashisha ugiye gukora ibi bikurikira:
 - a. Kuboha umusambi
 - b. Kuboha imvumba
 - c. Gukora ibinyampande
 - d. Kubumba akabindi
 - e. Gukora imodoka
6. Sobanura akamaro k'ibikoresho by'ibaneze bikurikira:
 - a. Imfubikajosi
 - b. Umusambi
 - c. Imvumba
 - d. Akabindi
 - e. Igihanaguzo k'ikibaho
7. Kora igihanaguzo k'ikibaho mu bitambaro.

IMIKORESHEREZE YA TEREFONI



Abaturage ba Kabagari bafite terefoni nyamara bakora urugendo rurerure bajya kugura umuriro. Rimwe na rimwe barara mu kizima kuko batabashije kuwugura. Wafasha iki abana babo biga mu mwaka wa gatatu ngo babashe gufasha ababyeyi babo?

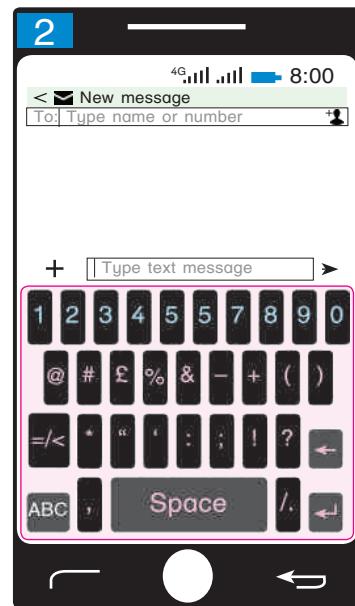


1. Ibice bigize mwandikisho ya terefoni

Igikorwa cya 1

Gutandukanya ibice bigize mwandikisho ya terefoni

- Itegereze amashusho akurikira:



- Vuga izina ry'igice cya terefoni kiri mu kazu k'umutuku ku materefoni witegereeje.

- c. Vuga ibice by'ingenzi ubona kuri icyo gice byanditse mu mabara akurikira:
1. Ubururu
 2. Umweru
 3. Umutuku

Mvumbuye ko:

Mwandikisho ya terefoni igizwe n'ibice bikurikira:

1. Inyuguti
2. Imibare
3. Ibimenyetso byihariye

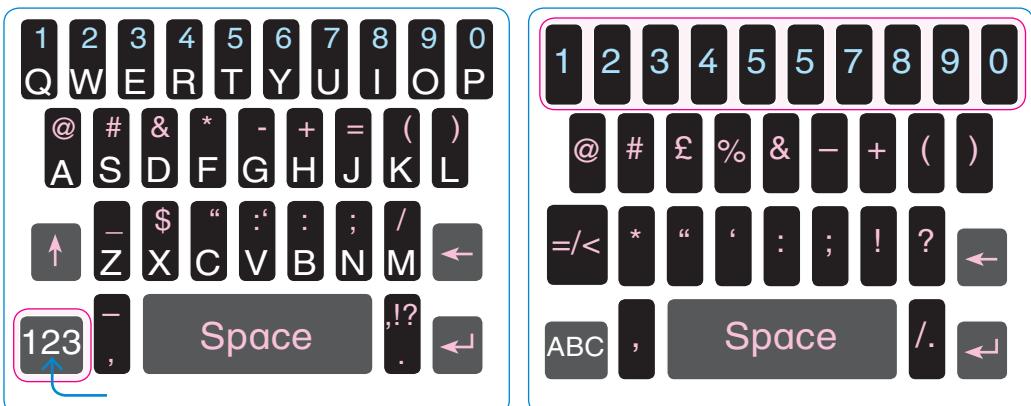
Umwitotozo

1. Tanga ingero 5:
 - a. Z'inayuguti
 - b. Z'imibare
 - c. Z'ibimenyetso ubona kuri mwandikisho ya terefoni witegereje ku rupapuro rubanza.

Igikorwa cya 2

Kwinjira mu gice k'imibare kuri mwandikisho

- a. Itegerezze amashusho akurikira:



- b. Erekana aho unyura kugira ngo ugere ku gice k'imibare ya mwandikisho.
- c. Mwandikisho witegereje iriho imibare ingahe?
- d. Imibare iri kuri mwandikisho itangirira ku wuhe mubare ikarangirira ku wuhe?
- e. Vuga akamaro k'imibare iri kuri mwandikisho witegereje.

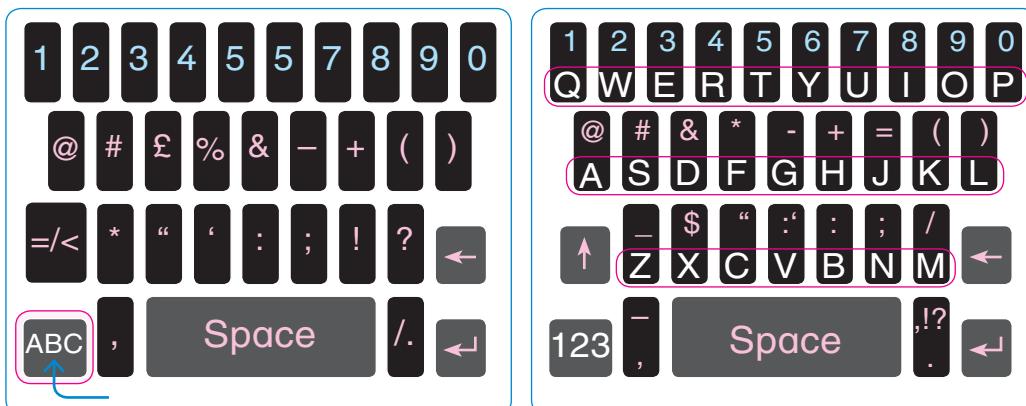
Mvumbuye ko:

- Iyo winjira ku gice k'imibare cya mwandikisho ya terefoni ukanda kuri button yanditseho imibare **123**.
- Imibare iri kuri mwandikisho ya terefoni ari 10 (1, 2, 3, 4, 5, 6, 7, 8, 9, 0).
- Imibare iri kuri mwandikisho itangirira kuri 1 ikarangirira kuri 0. (1, 2, 3, 4, 5, 6, 7, 8, 9, 0). Akamaro k'ijo mibare ni ugukora ibi bikurikira:
 - Kwandika inomero za terefoni
 - Kwandika amafaranga
 - Kwandika umubare w'ibanga
 - Kwandika isaha n'iminota (igihe)
 - Kwandika amatariki

Igikorwa cya 3

Kwinjira mu gice k'inyuguti kuri mwandikisho

- a. Itegereze amashusho akurikira.



- b. Erekana kuri mwandikisho aho unyura kugira ngo ugere ku gice k'inyuguti.
- c. Vuga umubare w'inyuguti ziri kuri iyi mwandikisho.
- d. Ni akahe kamaro k'inyuguti ziri kuri mwandikisho witegereeje?

Mvumbuye ko:

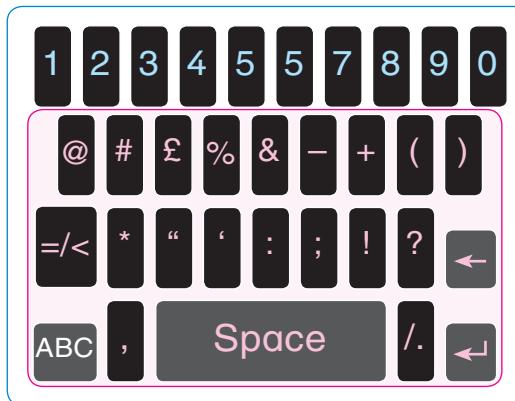
Iyo winjira ku gice k'inyuguti cya mwandikisho ukanda kuri ABC

Mwandikisho igizwe n'inyuguti 26 zifashishwa mu kwandika amagambo.

Igikorwa cya 4

Gutandukanya akamaro k'ibimenyetso byihariye kuri mwandikisho ya terefoni

- a. Itegereze iyi mwandikisho ikurikira:



- b. Sobanura akamaro k'ibimenyetso bizengurutswe n'umurongo utukura.

Mvumbuye ko:

Akamaro k'ibimenyetso biri kuri mwandikisho ya terefoni gakubiye mu mbonerahamwe ikurikira:

Ikimenyetso	Akamaro kacyo
	Guhamagara
	Gusoza guhamagara (gukupa).

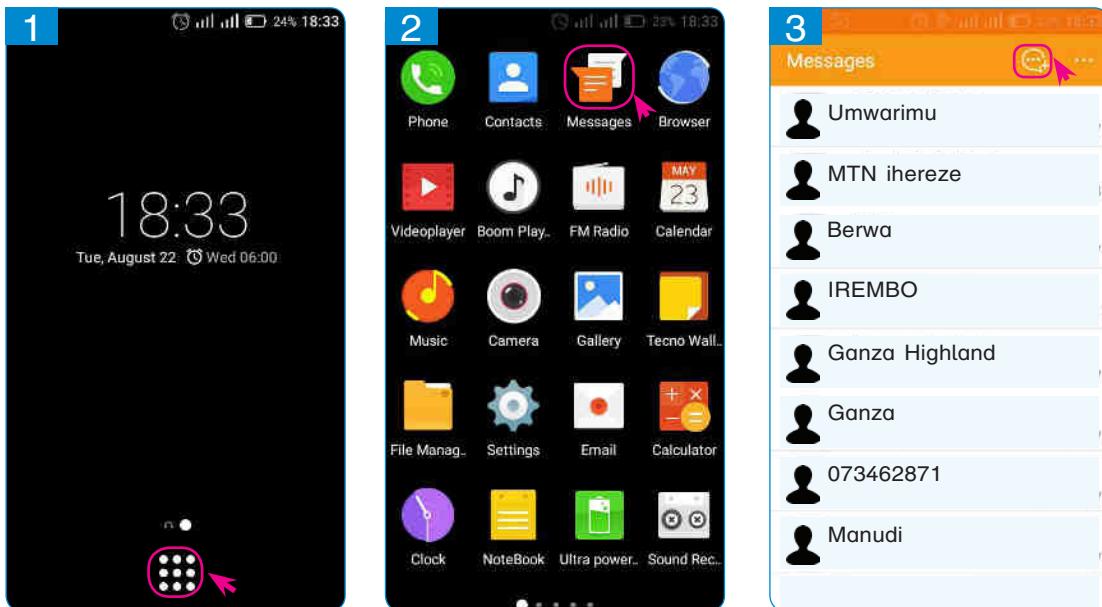
! ? () , ; :	Utwatuzo dufasha kunoza imyandikire y'ubutumwa.
< > + _ X : =	Ibimenyetso bikoreshwa mu mibare.
* #	Kureba cyangwa gushyiramo amafaranga.
Space	Gushyira umwanya hagati y'ibyanditswe.
⬅	Gusiba ibyo wanditse.
➡	Kujya ku murongo ukurikira iyo uri kwandika ubutumwa.
ABC, abc	Kwinjira mu gice k'inguguti za mwandikisho ya terefoni.
123, 12#	Kwinjira mu gice k'imibare ya mwandikisho.

2. Kwandika, kohereza no kwakira ubutumwa bugufi

Igikorwa cya 1

Kwandika no kohereza ubutumwa bugufi

- a) Itegereze amashusho 1, 2, 3, 4, 5 na 6 akurikira:



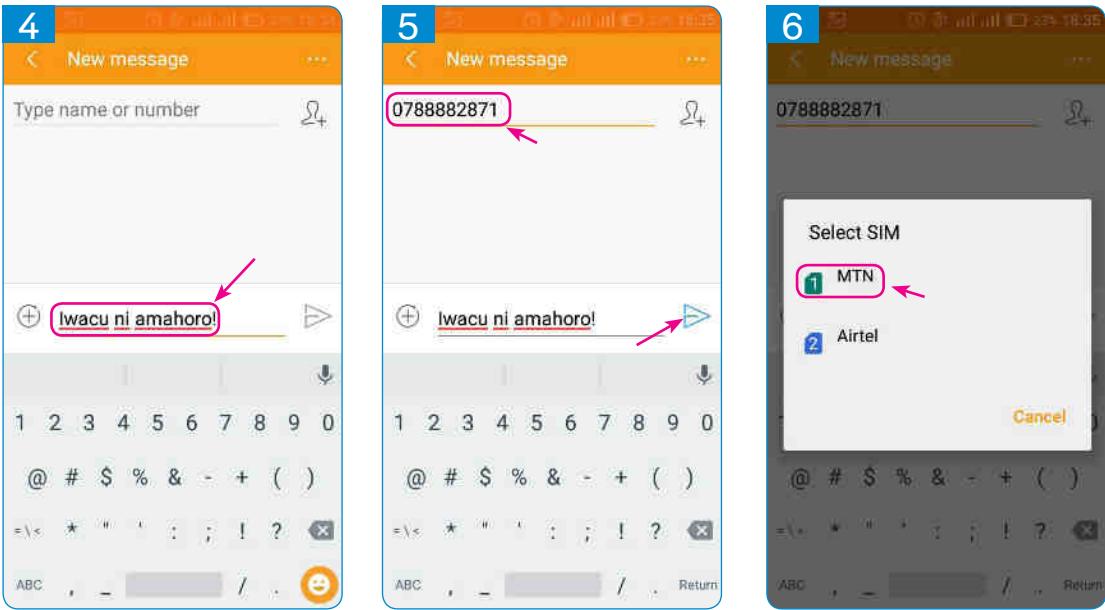
- b) Igana inzira zo kwandika ubutumwa bugufi maze uvuge icyo uvumbuye ku mashusho 1, 2 na 3.
c) Vuga ishusho ya porogaramu yo kwandika ubutumwa bugufi.

Mvumbuye ko:

Ishusho igaragaza porogaramu yo kwandika ubutumwa bugufi ari 2.

Kwandika ubutumwa bugufi muri terefoni ukora ibi bikurikira:

- Gukanda kuri “button” ya “menu”.
- Gukanda ku gashusho ka porogaramu yo kwandika ubutumwa bugufi (sms/messages) .
- Gukanda kuri “button” yo kwandika ubutumwa bushya .



Nyuma yo gukora inzira zerekanywe ku mashusho 1, 2 na 3, komereza ku byo ubona ku mashusho 4, 5 na 6 kandi ugaragaze icyo uvumbuye.

Mvumbuye ko:

Nyuma yo gukora inzira ziri ku mashusho 1, 2 na 3, inzira ziri ku mashusho 4, 5 na 6 ari izi zikurikira:

- Kwandika ubutumwa ukoresheje mwandikisho.
- Kwandika inomero z'uwo ugiye kubwoherereza. Ugakanda kuri “button” ya “send” ➤.
- Guhitamo umurongo w'itumanaho ushaka gukoresha (MTN, Airtel, Tigo), ukabona ubutumwa bukwereka ko ibyo wohereje byagiye cyangwa bitagiye.

Umwitoto

Ifashishe terefoni uhawe n'umwarimu wawe wandikire ababyeyi ubutumwa bugufi ubabwira ko wageze ku ishuri.



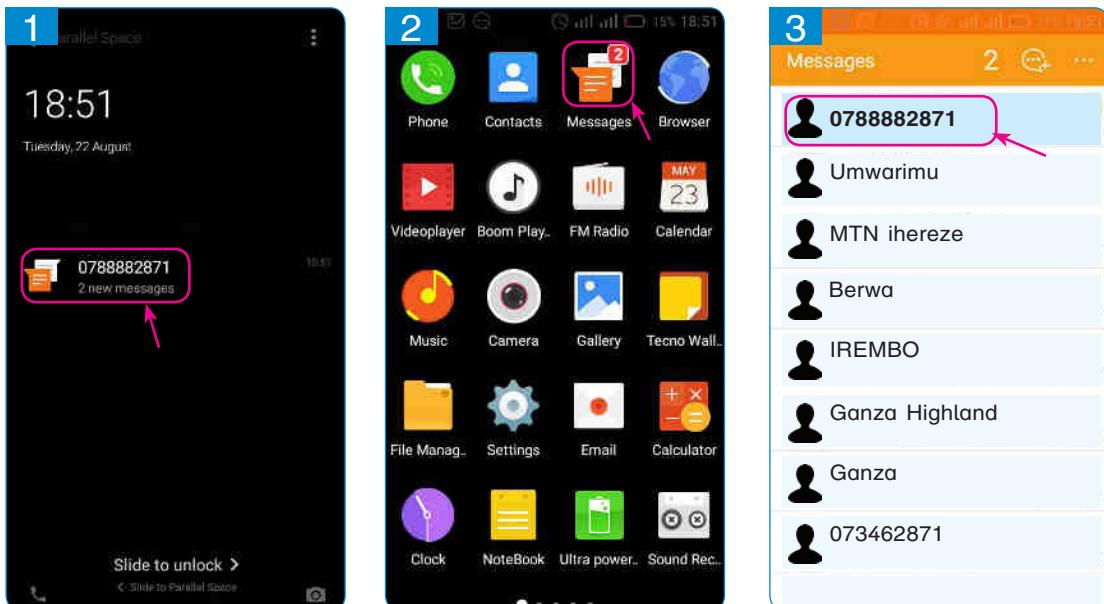
Reka nisuzume

Ukoresheje terefoni uhawe n'umwarimu wawe andikira ababyeyi bawe ubutumwa bugufi, ubabwira uko wize.

Igikorwa cya 2:

Kwakira ubutumwa bugufi

a. Itegerezze amashusho 1, 2, 3 na 4 akurikira:



- b. Hitamo ishusho igaragaza ko umuntu yakiriye ubutumwa bugufi.
c. Igana unagaragaze icyo uvumbuye ku mashusho 1, 2, 3 na 4.

Mvumbuye ko:

- Ishusho igaragaza ko haje ubutumwa bugufi ari 1.
- Gusoma ubutumwa bugufi kuri terefoni ukora ibi bikurikira:
 - Gukanda ku gashusho ka porogaramu yo kwandika ubutumwa bugufi (sms/messages)
 - Gukanda ku butumwa bushya bwaje.
 - Gusoma ubwo butumwa.





Nsuzuma ngusuzume

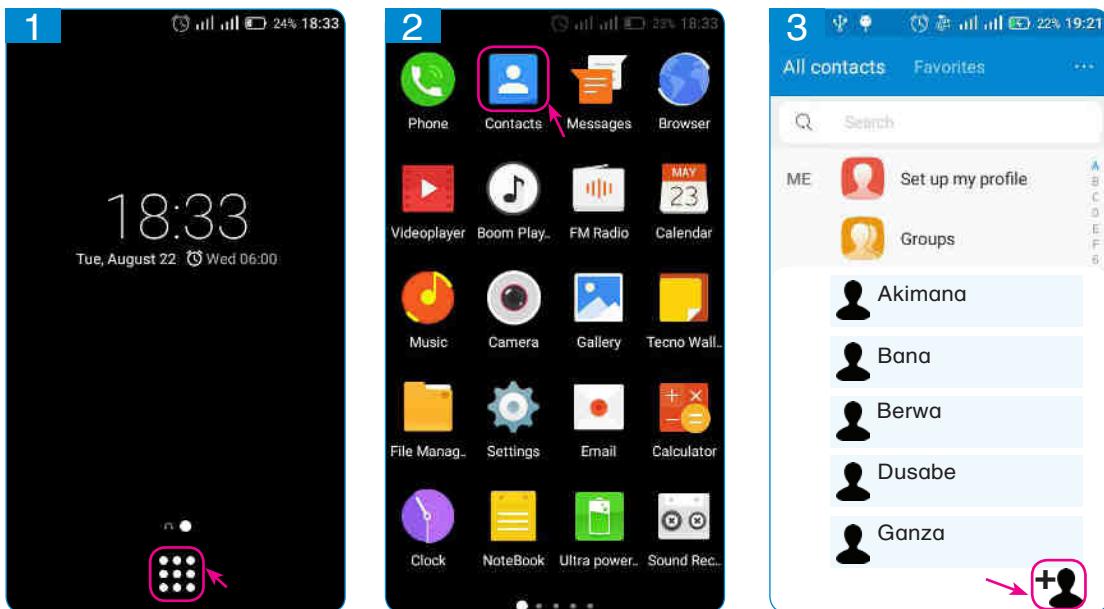
Dukoresha terefoni unyandikire ubutumwa bugufi ubunyoherereze nange ngusubize.

3. Kubika inomero no guhamagara

Igikorwa cya 1

Kubika inomero muri terefoni

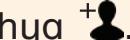
a) Itegerezze amashusho 1, 2, 3, 4 na 5 akurikira:

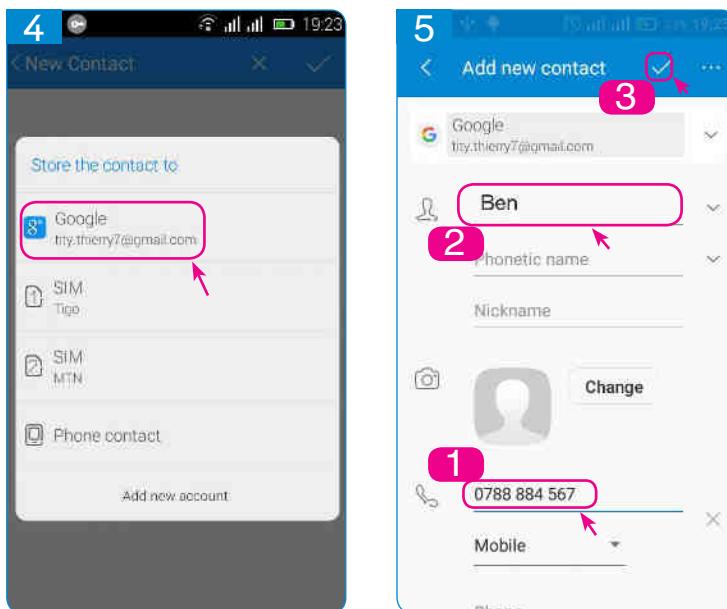


b) Igana kandi ugaragaze icyo uvumbuye ku mashusho 1, 2 na 3.

Mvumbuye ko:

- Ishusho igaragaza porogaramu yo kubika inomero muri terefoni ari 2
- Kubika inomero muri terifoni ukora ibi bikurikira:
 - Gukanda kuri “button” ya “menu”

- Gukanda ku gashusho ka porogaramu yo kubika inomero  (contacts).
- Gukanda kuri “button” yo gushyiramo inomero nshya .



c. Gerageza kwigana ibyo ubona ku mashusho 4 na 5 kandi ugaragaze icyo uvumbuye.

Mvumbuye ko:

Nyuma yo gukora inzira ziri ku mashusho 1, 2 na 3, inzira ziri ku mashusho 4 na 5 ari izi zikurikira:

- Guhitamo aho ubika inomero.
- **Ingero:** Terefoni, “simcard”, “google” n’ahandi.
- Kwandika inomero n’amazina hanyuma ugakanda kuri  (Add new contact) nk’uko bigaragazwa n’imibare 1, 2 na 3.

Umwitoto

Wifashishije terefoni baza inshuti yawe mwigana inomero z’ababyeyi be maze uzibike.

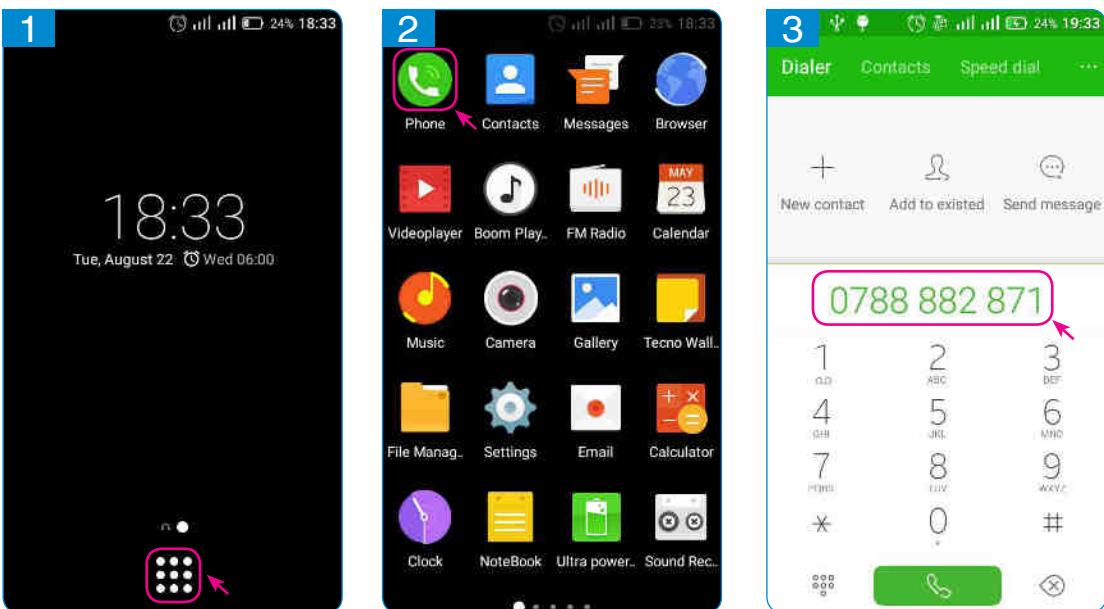
Reka nisuzume

Biranyoroheye kwandika no kubika inomero za terefoni?

Igikorwa cya 2

Guhamagara kuri terefoni

a) Itegerezze amashusho 1, 2, 3, 4, 5 na 6 akurikira:

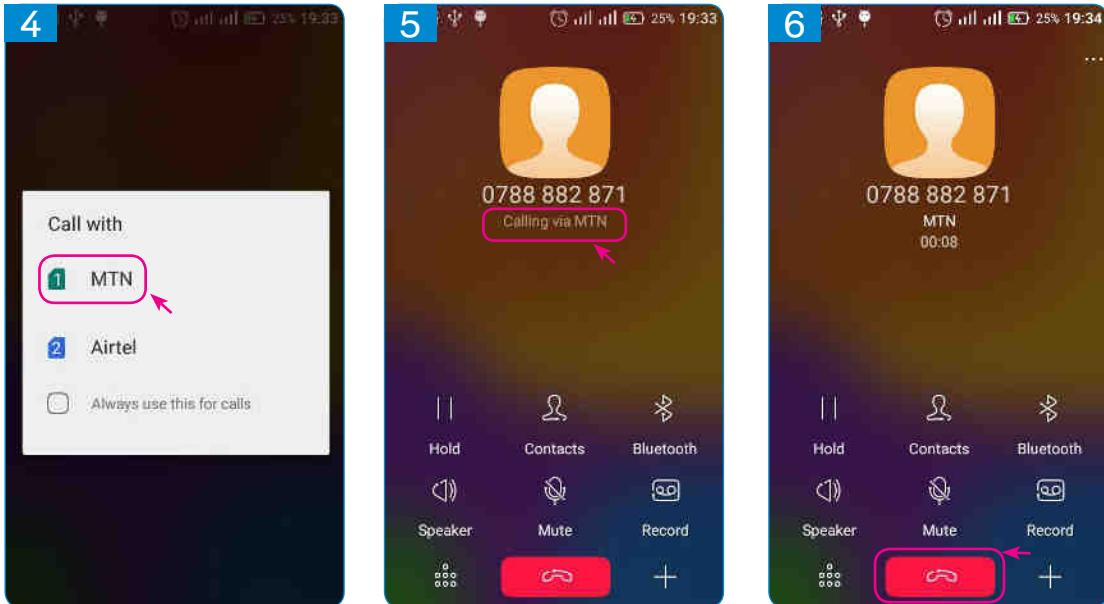


- b) Hitamo ishusho igaragaza porogaramu yo guhamagara.
- c) Igana unagaragaze icyo uvumbuye ku mashusho 1, 2 na 3.

Mvumbuye ko:

- Ishusho igaragaza porogaramu yo guhamagara ari 2
- Guhamagara inomero ya terefoni ukora ibi bikurikira:
 - Gukanda kuri “button” ya “menu” .
 - Gukanda ku kimenyenso kihariye  cya porogaramu yo guhamagara kuri terefoni.
 - Gushyiramo inomero nshaka guhamagara.

- d) Igana ibyo ubona ku mashusho 4, 5 na 6 kandi ugaragaze icyo uvumbuye.



Mvumbuye ko:

Nyuma yo gukora inzira ziri ku mashusho 1, 2 na 3, inzira ziri ku mashusho 4, 5 na 6 ni izi zikurikira:

- Guhitamo umurongo w'itumanaho (MTN, Tigo, Airtel, ...)
- Gutegereza ko uwo uhamagaye akwitaba, mukavugana.
- Gukanda “buton” ☎ isoza guhamagara.

Imyitozo

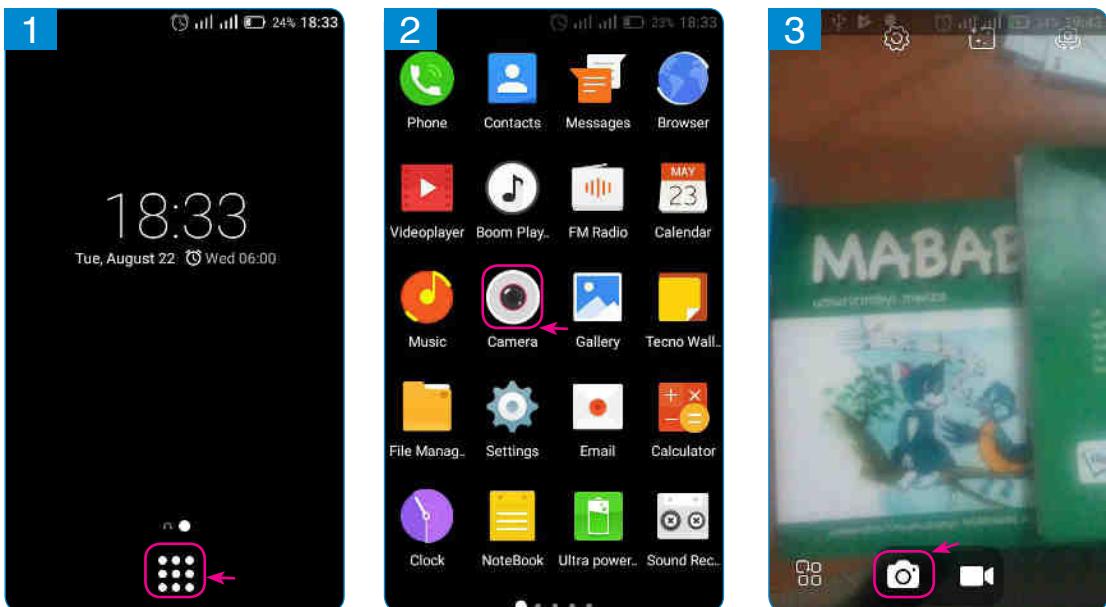
1. Wifashishiye terefoni baza mugenzi wawe inomero ye, umuhamagare umubaze ko ibyo yize yabyumvise.
2. Wifashishiye terefoni andika inomero z'ababyeyi bawe, ubahamagare ubabwire ko wamenye gukoresha terefoni.
3. Hitamo inomero imwe mu ziri muri terefoni maze uyihamagare.
4. Reba inomero zahamagaye muri terefoni utabashije kwitaba maze uhamagaremo imwe muri zo.

4. Gufata amafoto n'amajwi ukoresheje terefoni

Igikorwa cya 1:

Gufata amafoto

- a. Itegerezze amashusho 1, 2 na 3 akurikira:



- b. Hitamo ishusho igaragaza porogaramu yo gufotora.
c. Igana ugaragaze icyo uvumbuye ku mashusho 1, 2 na 3

Mvumbuye ko:

- Ishusho igaragaza porogaramu yo gufotora ari 2.
- Gufotora ukoresheje terefoni ukora ibi bikurikira:
 - Gukanda kuri "button" ya "menu".
 - Gukanda ku gashusho ka porogaramu yo gufotora (camera).
 - Kureba ko icyo ushaka gufotora ukibona neza maze ugakanda kuri "button" yo gufotora

Imyitozo

- a. Koresha terefoni ufotore bagenzi bawe mwigana.
b. Fata ifoto y'ikibaho mwigiraho uyereke abandi.

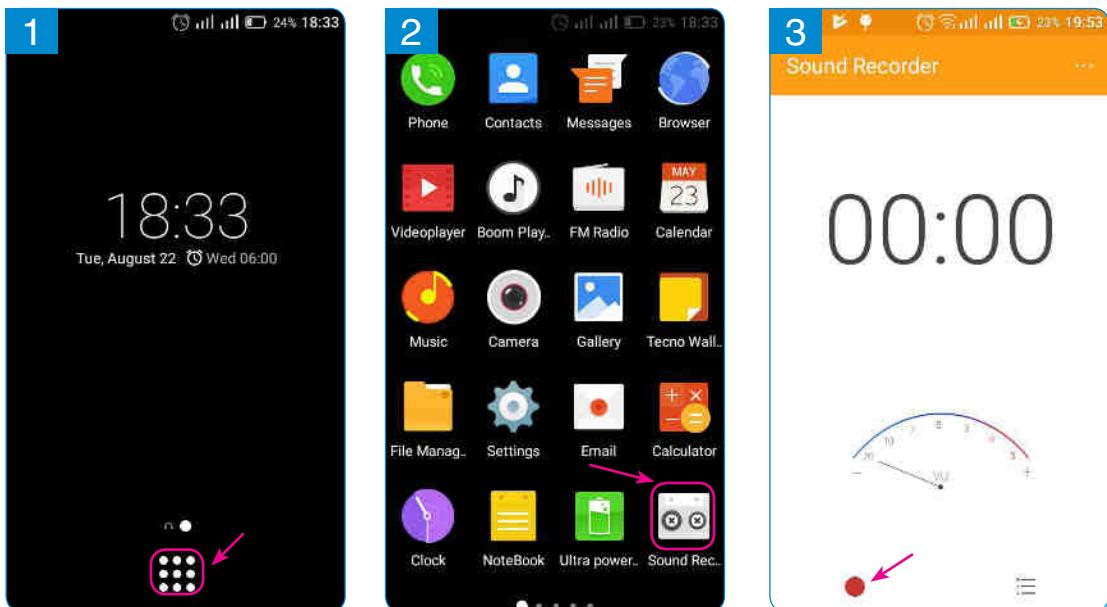
Umukoro

Koresha terefoni ufotore inzu mubamo.

Igikorwa cya 2

Gufata amajwi

- a. Itegereze amashusho 1, 2 na 3 akurikira:

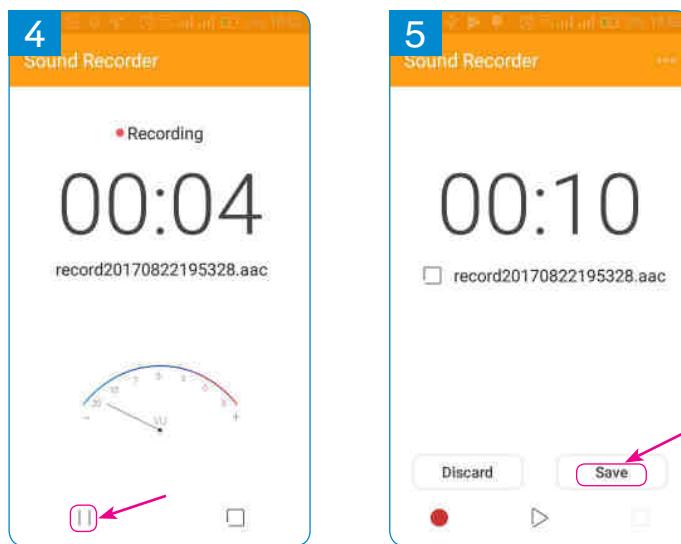


- b. Hitamo ishusho igaragaza porogaramu yo gufata amajwi.
c. Igana kandi ugaragaze icyo uvumbuye ku mashusho 1, 2 na 3.

Mvumbuye ko:

- Ishusho igaragaza porogaramu yo gufata amajwi ari 2
- Gufata amajwi ukoresheje terefoni ukora ibi bikurikira:
 - Gukanda kuri “button” ya “menu”
 - Gukanda ku gashusho ka porogaramu yo gufata amajwi (Sound Rec).
 - Gukanda kuri “button” itukura • (gutangira gufata amajwi)

d. Itegereze amashusho 4 na 5 akurikira:



e. Igana kandi ugaragaze icyo uvumbuye ku mashusho 4 na 5.

Mvumbuye ko:

Nyuma yo gukora inzira ziri ku mashusho 1, 2 na 3, ukomereza kuri izi nzira zikurikira:

- Guhagarika gufata amajwi ukanda kuri “button” yo guhagarika .
- Kubika amajwi wafashe ukanda kuri “button” ya  hanyuma ugakanda “save”.

Umwitozo



Wifashishije terefoni ririmba, kandi wifate amajwi.



Reka nisuzume



Nsabe mugenzi wange aririmbe, mufate amajwi nkoresheje terefoni, hanyuma numve ko nayafashe neza.



Nsuzuma ngusuzume

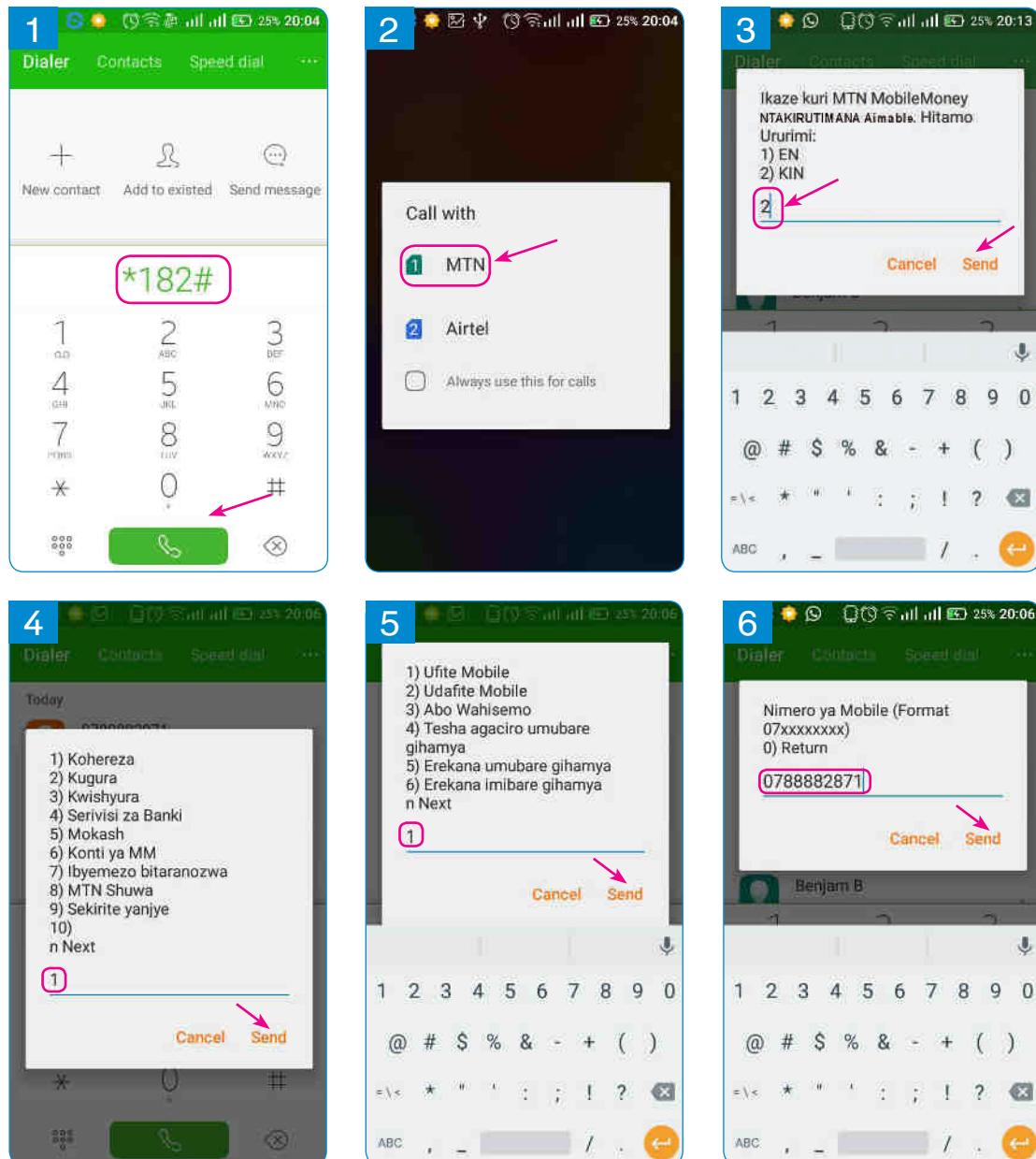
Mfata amajwi nange nyagufate dukoresheje terefoni maze twumve ko twamenye gufata amajwi neza.

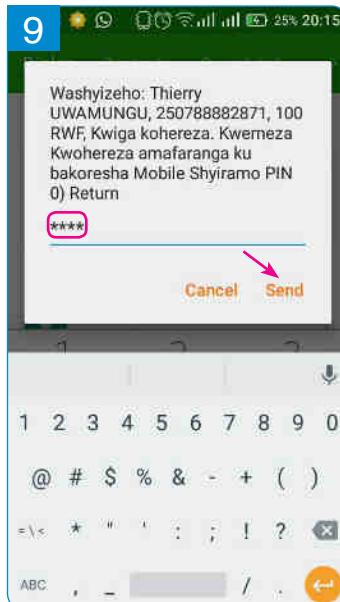
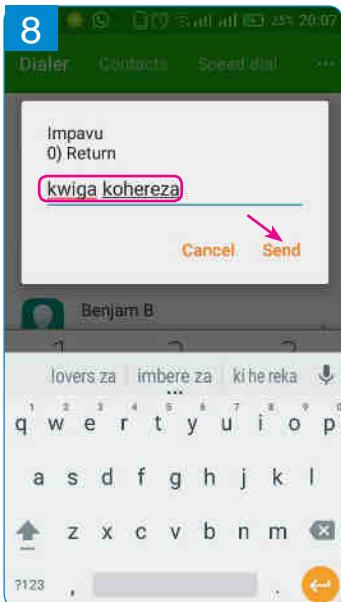
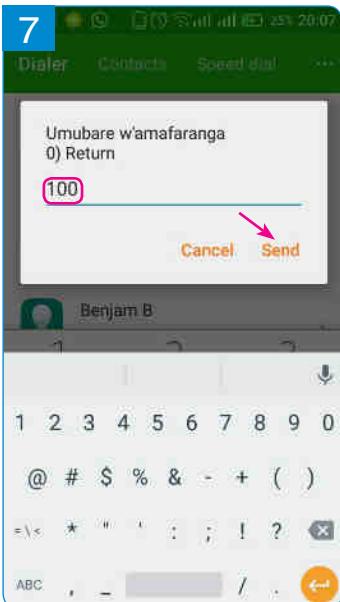
5. Terefoni mu ikoranabuhanga rusange

Igikorwa cya 1

Kohereza amafaranga kuri “MTN Mobile money”

a. Itegereze amashusho 1, 2, 3, 4, 5, 6, 7, 8 na 9 akurikira:





- b. Igana kandi ugaragaze icyo uvumbuye ku mashusho 1, 2, 3, 4, 5, 6, 7, 8 n'iya 9.

Mvumbuye ko:

Kohereza amafaranga ukoresheje terefoni bikorwa ku buryo bukurikira:

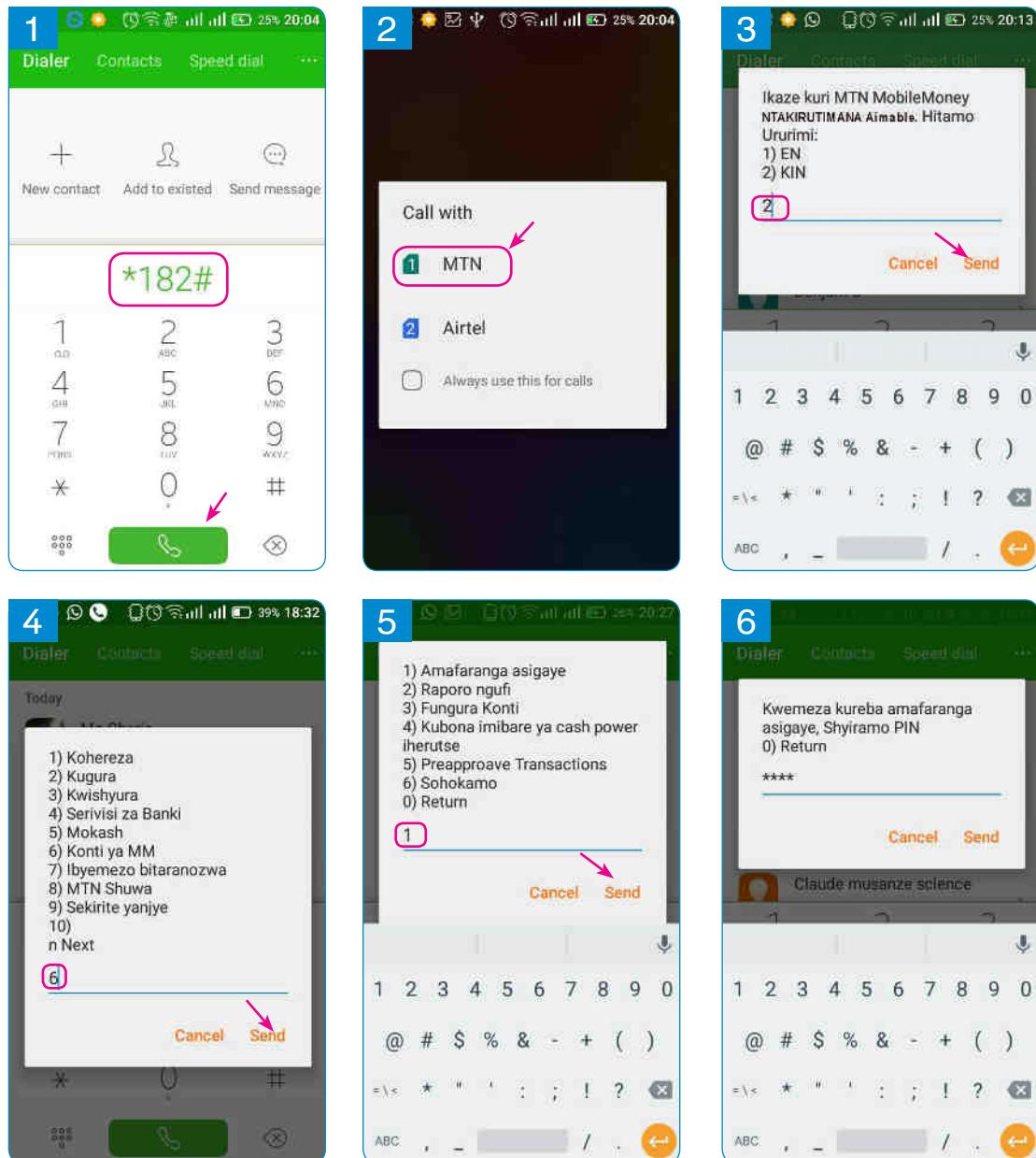
- Guhamagara *182#
- Guhitamo umurongo w'itumanaho wa “MTN”.
- Guhitamo ururimi ugakanda “send”.
- Guhitamo kohereza [ushyiramo 1 ugakanda “send”].
- Guhitamo niba uwo woherereza ari muri “Mobile money” [ushyiramo 1, ugakanda “send”].
- Kwandika inomero ya terefoni, ugakanda “send”.
- Kwandika umubare w'amafaranga, ugakanda “send”.
- Kwandika impamvu ugakanda “send”.
- Gushyiramo umubare w'ibanga nyuma yo kugenzura ko amazina, inomero n'amafaranga bihuye n'ibyo ushaka, ugakanda “send”.

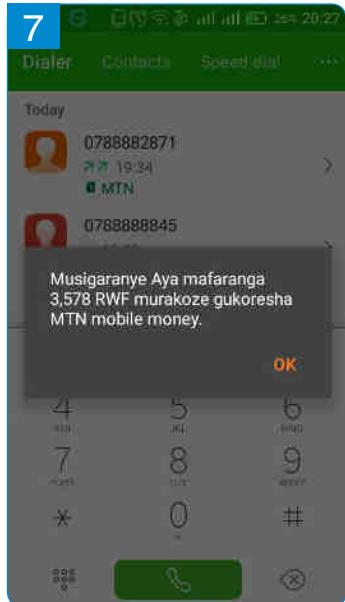
Ikitonderwa: Ubona ubutumwa bukwereka uko ibyo umaze gukora byagenze.

Igikorwa cya 2

Uko bareba amafaranga asigaye kuri konti ya Mobile money

a. Itegereze amashusho 1, 2, 3, 4, 5, 6 na 7 akurikira:





- b. Igana kandi ugaragaze icyo uvumbuye ku mashusho 1, 2, 3, 4, 5, 6, na 7

Mvumbuye ko:

Kureba amafaranga ari kuri konti ya “Mobile money”, ukora ibi bikurikira:

- Guhamagara *182#
- Guhitamo umurongo w’itumanaho wa MTN.
- Guhitamo ururimi, ugakanda “send”.

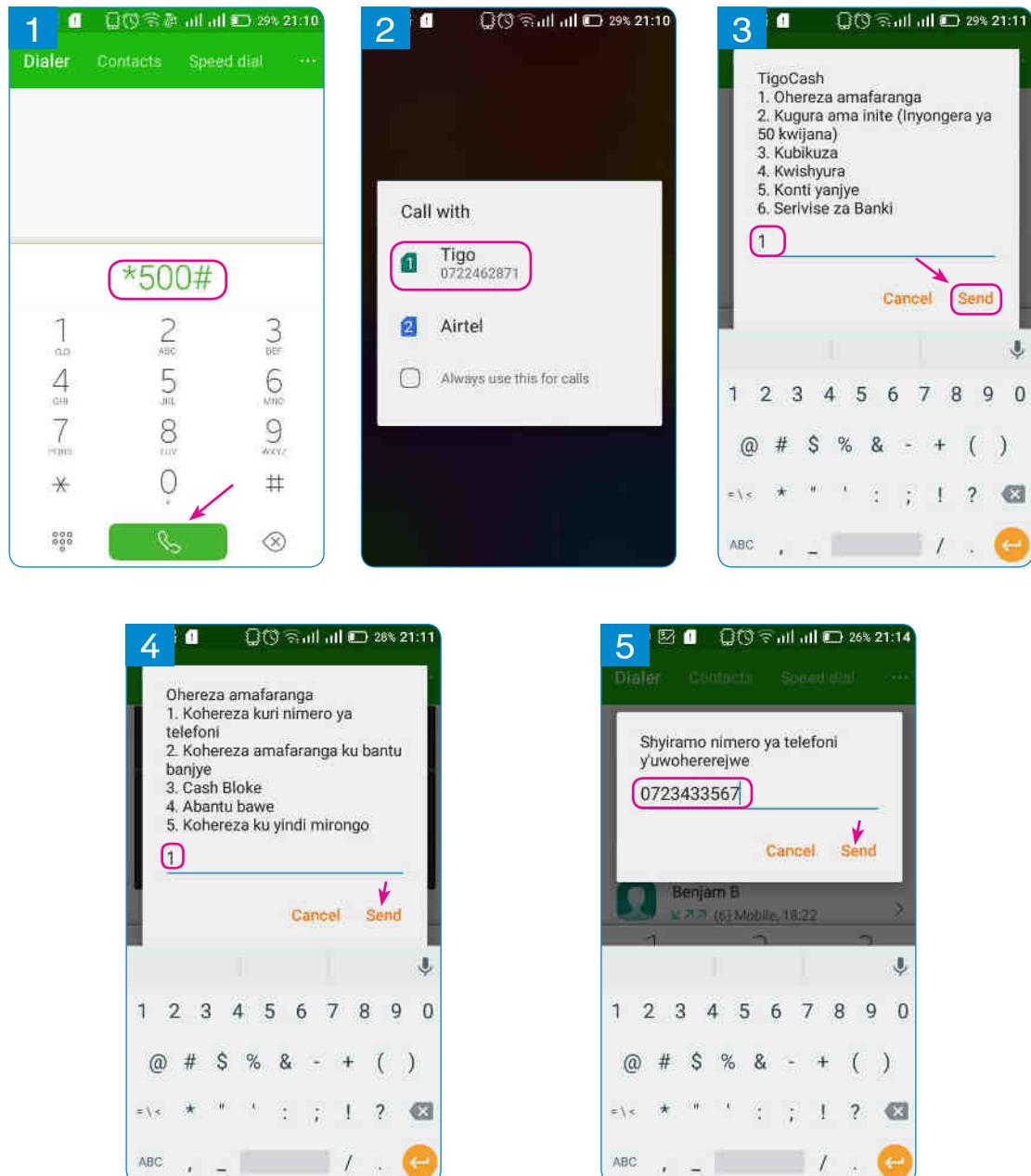
- Guhitamo konti ya “Mobile money” wandika 6 ugakanda “button” ya “send”.
- Guhitamo amafaranga asigaye wandika 1 maze ugakanda “send”.
- Gushyiramo umubare w’ibanga ugakanda “send”.

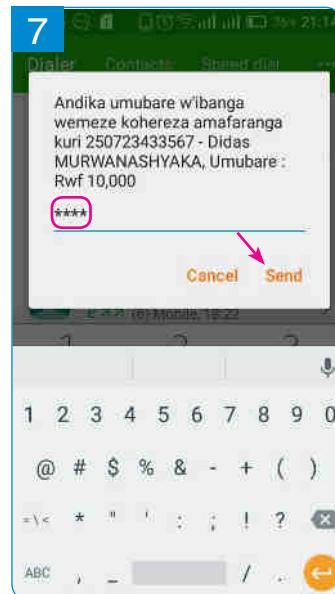
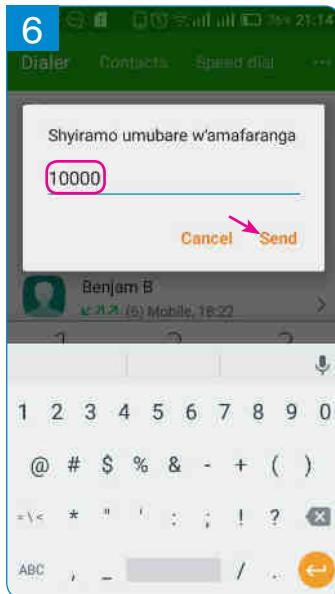
Ikitonderwa: Ubona ubutumwa bukwereka amafaranga usigaranye.

Igikorwa cya 3

Kohereza amafaranga kuri “Tigo Cash”

a. Itegereze amashusho 1, 2, 3, 4, 5, 6 na 7 akurikira:





- b. Igana kandi ugaragaze icyo uvumbuye ku mashusho 1, 2, 3, 4, 5, 6 na 7.

Mvumbuye ko:

Kohereza amafaranga kuri terefoni ukoresheje “Tigo Cash” ukora ibi bikurikira:

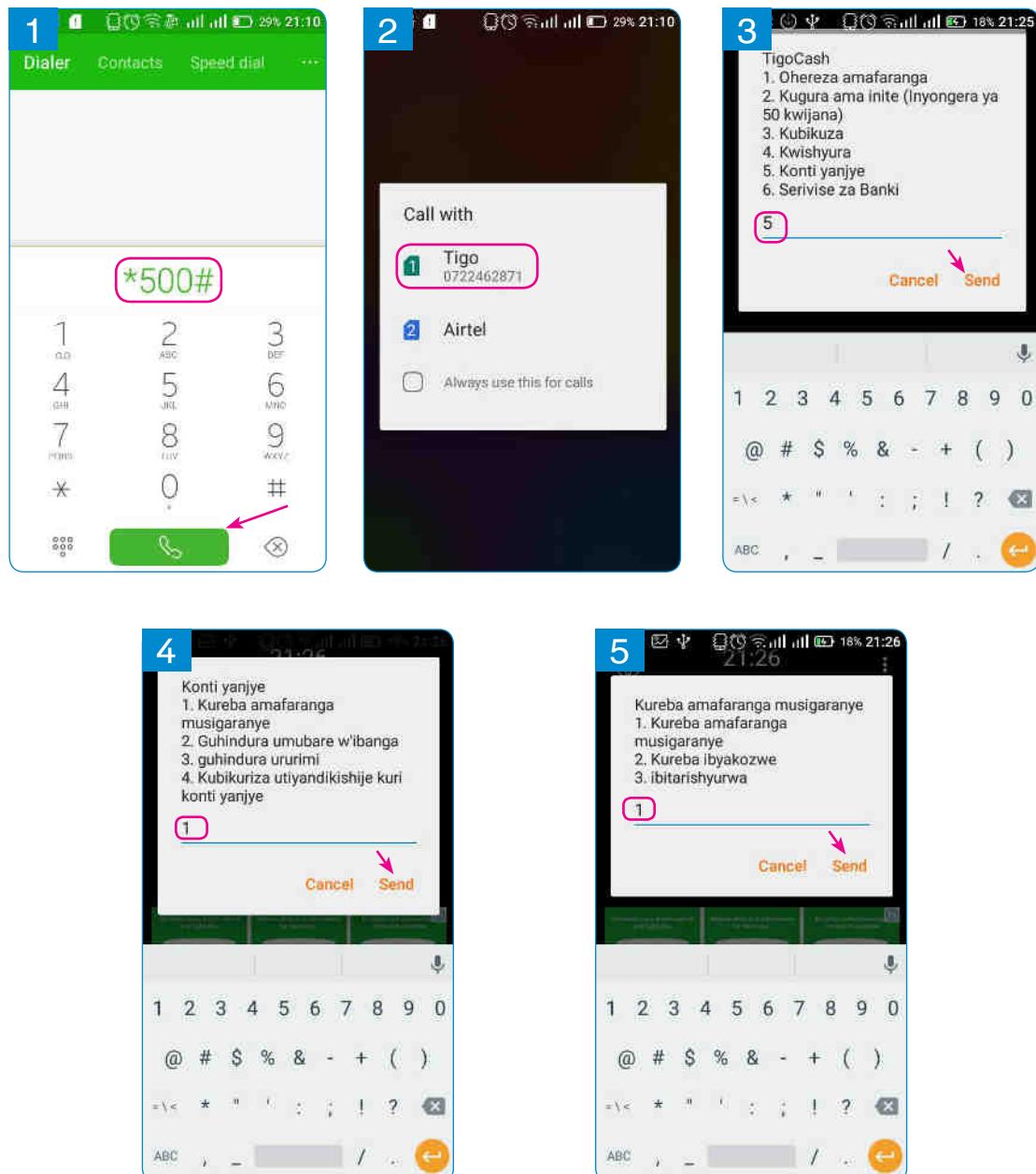
- Guhamagara *500#
- Guhitamo umurongo w’itumanaho rya Tigo
- Guhitamo “Ohereza amafaranga”, wandika 1 ugakanda “send”.
- Guhitamo “Kohereza kuri inomero ya terefoni”, wandika 1, ugakanda “send”.
- Kwandika inomero ushaka koherezaho amafaranga ugakanda “send”.
- Kwandika umubare w’amafaranga ushaka koherereza, ugakanda “send”.
- Kwandika umubare w’ibanga nyuma yo kugenzura ko amazina, inomero n’amafaranga bihuye n’ibyo ushaka, maze ugakanda “send”.

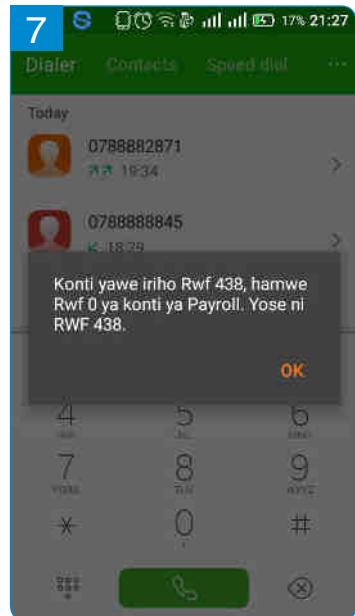
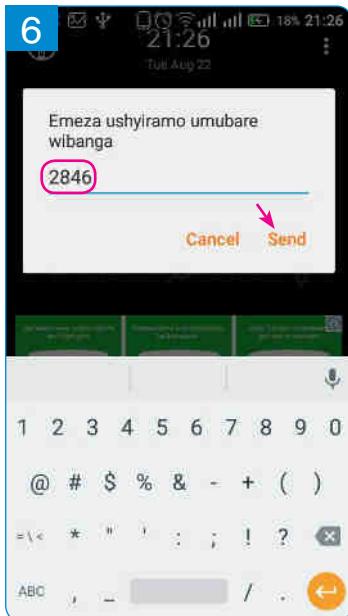
Ikitonderwa: Ubona ubutumwa bukwereka ibyo umaze gukora uko byagenze.

Igikorwa cya 4

Uko ureba amafaranga asigaye kuri konti ya “Tigo Cash”

a. Itegereze amashusho 1, 2, 3, 4, 5, 6 na 7 akurikira:





- b. Igana kandi ugaragaze icyo uvumbuye ku mashusho 1, 2, 3, 4, 5, 6 na 7.

Mvumbuye ko:

Kureba amafaranga asigaye kuri konti ya “Tigo Cash” ukora ibi bikurikira:

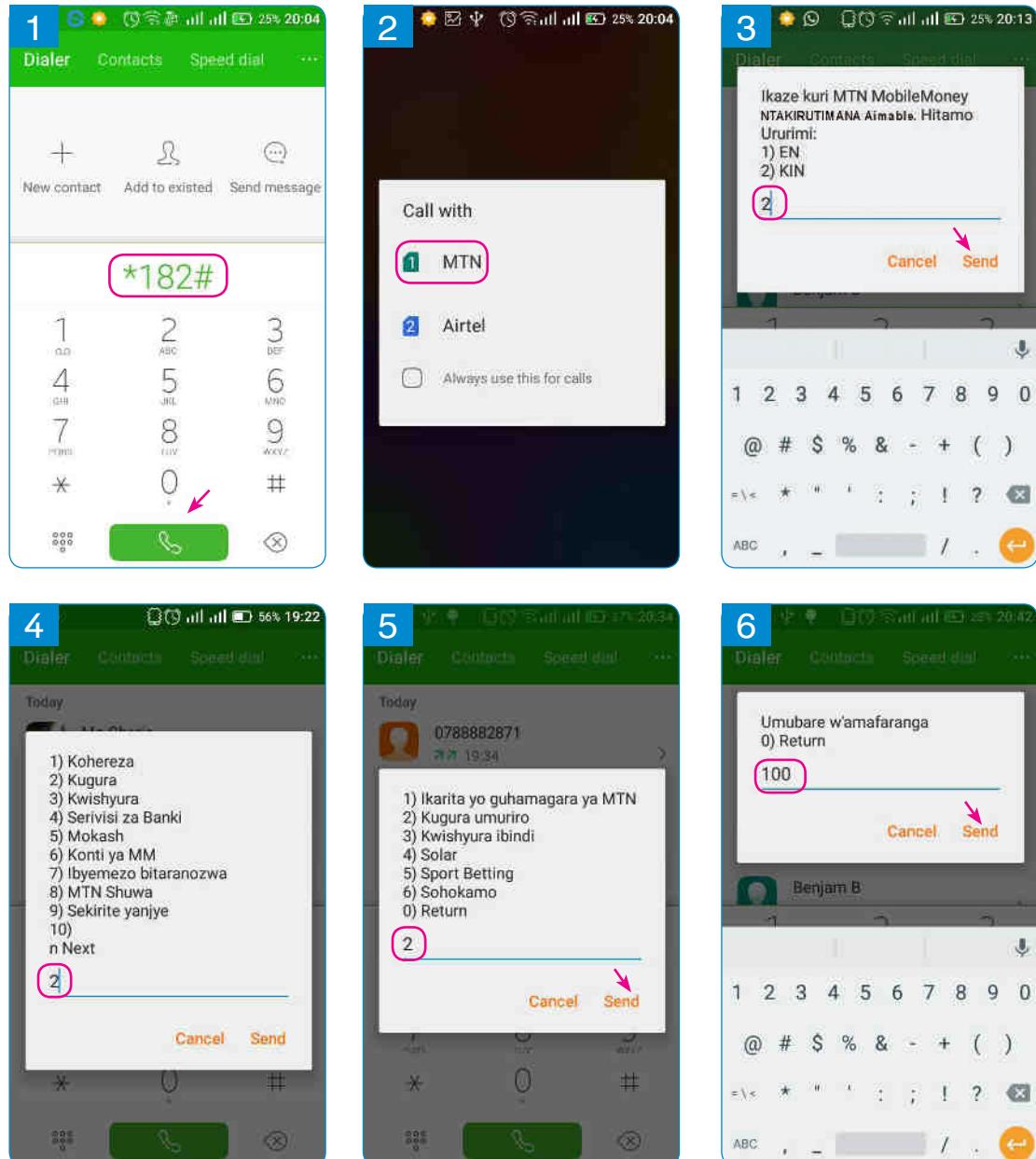
- Guhamagara *500#
- Guhitamo umurongo w’itumanaho wa Tigo.
- Guhitamo “Konti yange”, wandika 5 hanyuma ugakanda “send”.
- Guhitamo “Kureba amafaranga usigaranye”, wandika 1, ugakanda “send”.
- Kwandika umubare w’ibanga, ugakanda “send”.

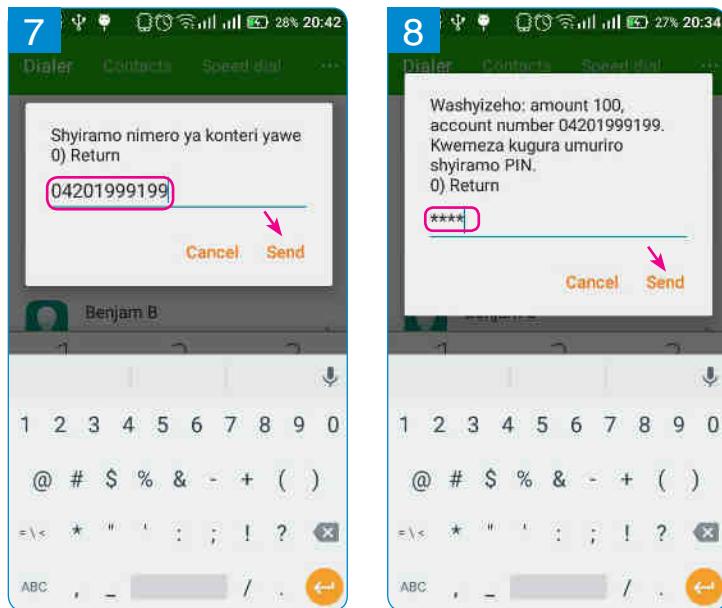
Ikitonderwa: Gusoma ubutumwa bwerekana amafaranga asigaye kuri konti ya “Tigo Cash”.

Igikorwa cya 5

Kugura umuriro ukoresheje terefoni

a. Itegerezze amashusho 1, 2, 3, 4, 5, na 6 akurikira:





- b. Igana kandi ugaragaze icyo uvumbuye ku mashusho 1, 2, 3, 4, 5, 6, 7 na 8.

Mvumbuye ko:

Kugura umuriro ukoresheje “MTN Mobile money” ukora ibi bikurikira:

- Guhamagara *182#
- Guhitamo umurongo w’itumanaho wa MTN.
- Guhitamo ururimi, ugakanda “send”.
- Guhitamo “kugura” wandika 2, ugakanda “send”.
- Guhitamo “kugura umuriro” wandika 2 ugakanda “send”.
- Kwandika umubare w’amafaranga ushaka kwishyura umuriro, ugakanda “send”.
- Kwandika inomero ya konteri, ugakanda “send”.
- Kwandika umubare w’ibanga nyuma yo kugenzura ko inomero ya mubazi n’amafaranga bihuye n’ibyo ushaka, ugakanda “send”,

Ikitonderwa: Ubona ubutumwa bukwereka uko ibyo umaze gukora byagenze

Imyitozo



- Koresha terefoni, ugure umuriro ukoresheje “Tigo Cash”.
- Koresha terefoni, ugure umuriro ukoresheje “Airtel money”.



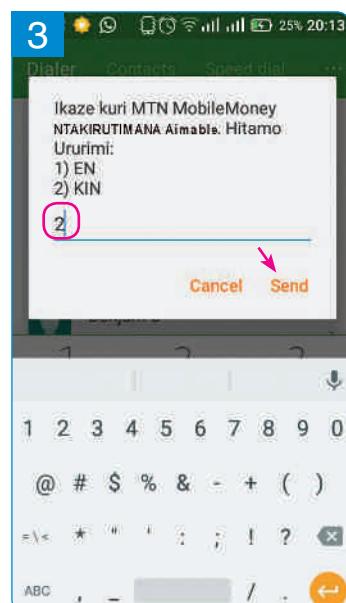
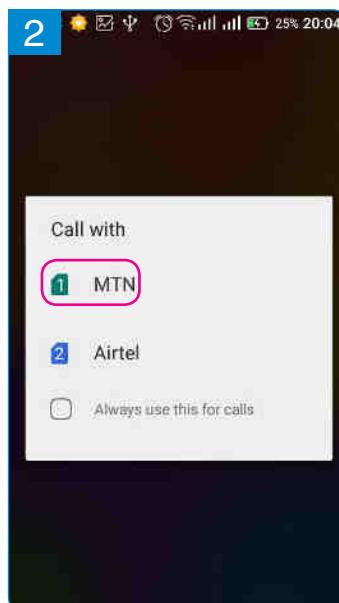
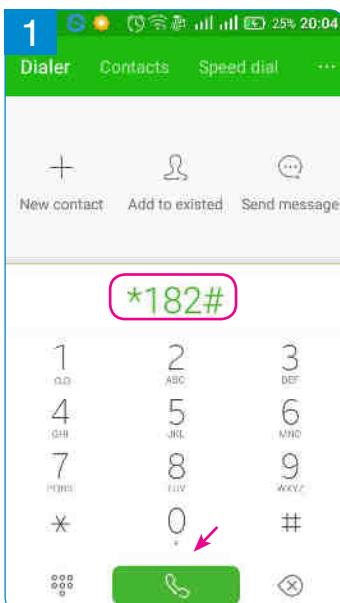
Nsuzuma ngusuzume

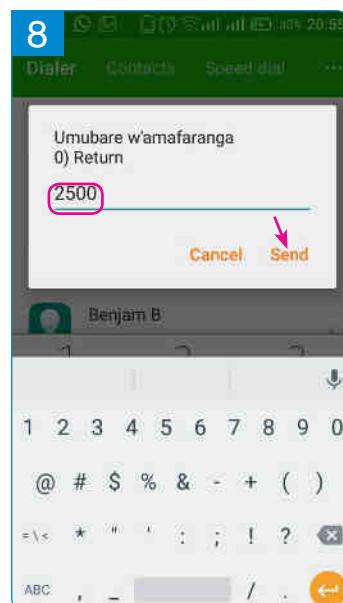
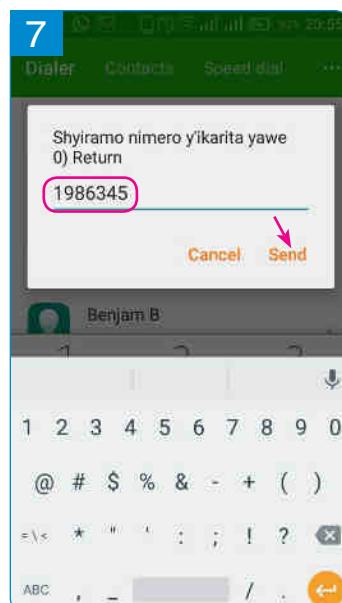
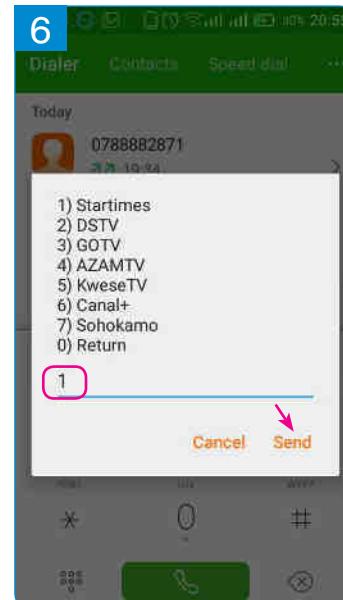
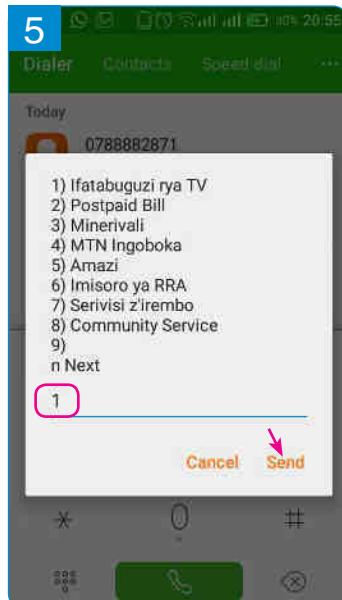
Koresha terefoni, ugure umuriro uwohereze muri mubazi y’iwacu, nange ngure umuriro nohereze muri mubazi y’iwanyu maze turebe uwabikoze neza.

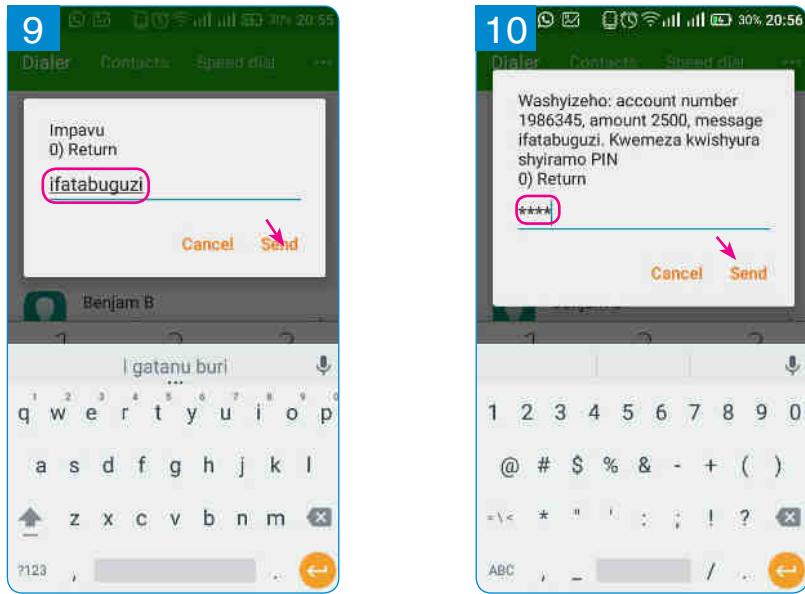
Igikorwa cya 6

Kugura ifatabuguzi rya tereviziyo (TV) kuri “MTN Mobile money”

- Itegereze amashusho 1, 2, 3, 4, 5, 6, 7, 8, 9 na 10:







- b. Igana kandi ugaragaze icyo uvumbuye ku mashusho 1, 2, 3, 4, 5, 6, 7, 8, 9 n'iya 10

Mvumbuye ko:

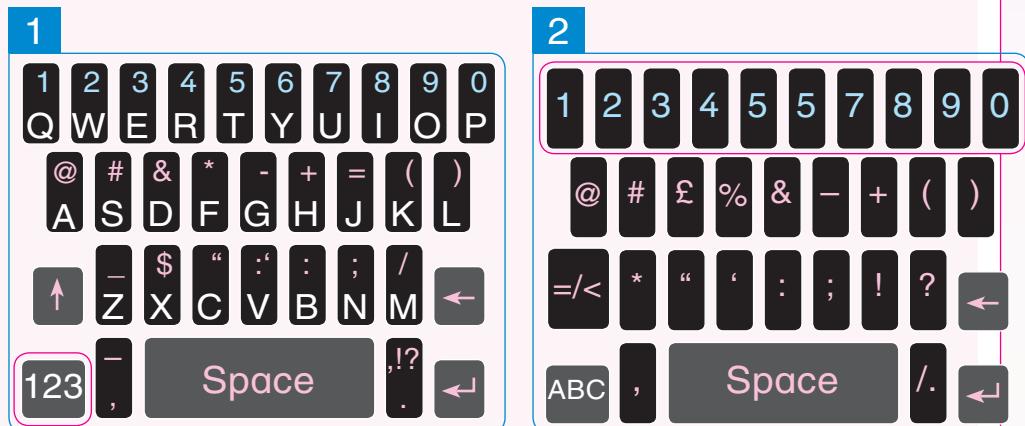
Kugura ifatabuguzi rya “Startimes” ukoresheje “Mobile money” ukora ibi bikurikira:

- Guhamagara *182#
- Guhitamo umurongo w’itumanaho wa MTN
- Guhitamo ururimi, ugakanda “send”.
- Guhitamo “kwishyura” wandika 3, ugakanda “send”.
- Guhitamo “ifatabuguzi rya TV” wandika 1, ugakanda “send”.
- Guhitamo “Startimes” wandika 1, ugakanda “send”
- Kwandika inomero y’ikarita y’ifatabuguzi, ugakanda “send”.
- Kwandika umubare w’amafaranga, ugakanda “send”.
- Kwandika impamvu, ugakanda “send”.
- Kugenzura ko inomero y’ifatabuguzi n’amafaranga bihueye n’ibyo ushaka
- Kwandika umubare w’ibanga, ugakanda “send”

Ikitonderwa: Ubona ubutumwa ku byo umaze gukora.

6. Isuzuma risoza umutwe wa 2

1. Itegerezze amashusho akurikira ugaragaze izina rya buri gice kizengurutswe n'umurongo utukura ku ishusho 1 na 2.



2. Vuga akamaro k'ibimenyetso byihariye bikurikira
- * na #
 -
 - Space
3. Sobanura akamaro k'ibi bikurikira:
- Igice k'inyuguti.
 - Igice k'ibimenyetso byihariye.
 - Igice k'imibare.
4. Vuga akamaro k'ibice byagaragajwe ku ishusho ikurikira:



5. Koresha terefoni ubike inomero yahamagaye idasanzwe muri terefoni.
6. Vuga ibintu binyuranye wakora ukoresheje *182#:
 - a. “MTN Mobile money”
 - b. “Airtel money”
7. Ganiriza bagenzi bawe akamaro ka terefoni.
8. Koresha terefoni uhamagare umubyeyi wawe umubwire ko mwize gukoresha terefoni.
9. Sobanura uko ibi bikurikira bikorwa :
 - a. Guhamagara inomero idasanzwe muri terefoni
 - b. Guhamagara inomero isanzwe muri terefoni.
 - c. Kugura ifatabuguzi rya “DSTV” ukoresheje “MTN Mobile money”.
 - d. Kugura ifatabuguzi rya “AZAM TV” ukoresheje “Airtel money”.
 - e. Kugura ifatabuguzi rya “Startimes” ukoresheje “Tigo Cash”.
10. Usibye kugura ikarita yo guhamagara, kugura umuriro no kugura ifatabuguzi rya tereviziyo, tanga ibindi bintu ushobora kugura ukoresheje “MTN Mobile money”, “Tigo Cash” cyangwa “Airtel money”.
11. Sobanura inzira zikurikizwa iyo ufata:
 - a. Amajwi ukoresheje terefoni.
 - b. Amashusho ukoresheje terefoni.
12. Andika ubutumwa bugufi ubwoherereze umubyeyi wawe maze uze gusoma igisubizo uhawе.
13. Koresha terefoni wohereze amafaranga ku inomero uhawе.

INSHUTI YANGE MUDASOBWA



Mu kiganiro bava ku ishuri, Yohana na Marita bafashe umwanzuro wo kwimukira ku rindi shuri, kuko barangije umwaka wa kabiri w'amashuri abanza, batazi no gufungura porogaramu zo muri mudasobwa xo.



1. Porogaramu (program) yo gukoresha mwandikisho

Igikorwa cya 1

Gutandukanya ibice by'ingenzi bigize mwandikisho ya mudasobwa XO

- Itegereze iyi shusho ikurikira:



- Vuga ibice by'ingenzi byerekanywe mu tuzu dutandukanye kuri mwandikisho.

Mvumbuye ko:

Mwandikisho ya mudasobwa XO igira ibice by'ingenzi bikurikira:

- Igice k'inyuguti.
- Igice k'imibare.
- Igice k'ibimenyetso byihariye:

Igikorwa cya 2

Gusesengura igice k'inyuguti kuri mwandikisho ya mudasobwa XO

- Itegerezze iyi shusho ikurikira:



- Inyuguti ziri kuri mwandikisho ni zingahe?
- Mwandikisho ibaho imirongo ingahe y'inyuguti?

Mvumbuye ko:

Kuri Mwandikisho ya mudasobwa XO hariho inyuguti 26 zikoze imirongo itatu.

- Umurongo wo hejuru uriho inyuguti zikurikira:

Q W E R T Y U I O P

- Umurongo wo hagati uriho inyuguti zikurikira:

A S D F G H J K L

- Umurongo wo hasi uriho inyuguti zikurikira:

Z X C V B N M

Igikorwa cya 3

Kurondora imibare iri kuri mwandikisho ya mudasobwa XO

- a. Itegerezze iyi mwandikisho ikurikira:



- b. Mwandikisho ya mudasobwa XO igizwe n'imibare ingahe?

Mvumbuye ko:

Mwandikisho ya mudasobwa XO iriho imibare 10 itondetse gutya 1, 2, 3, 4, 5, 6, 7, 8, 9, 0.



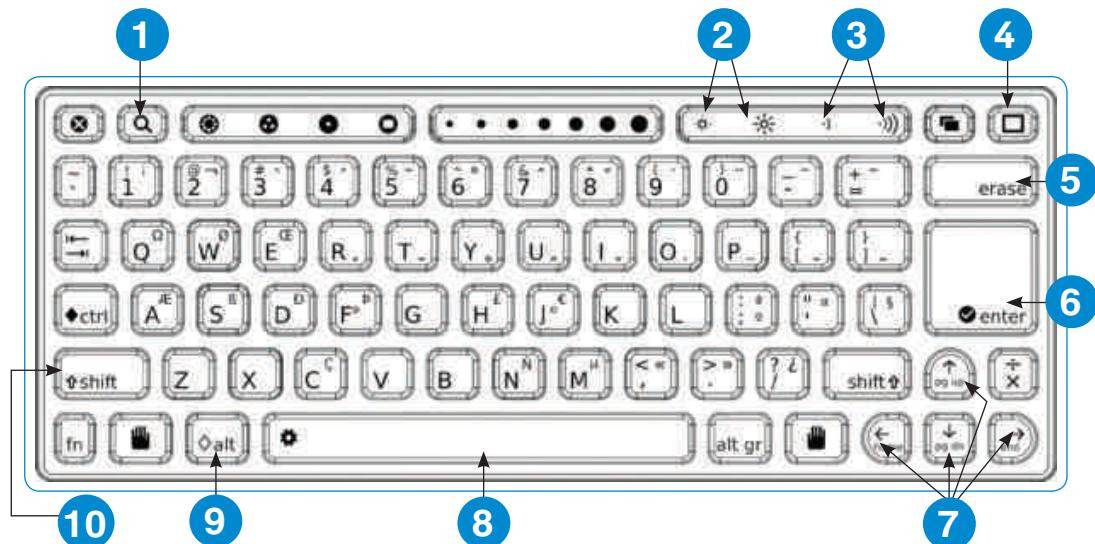
Reka nisuzume

1. Mbonye ibice bingahe by'ingenzi bigize mwandikisho ya mudasobwa XO?
2. Mvumbuye izihe nyuguti ku murongo wo hejuru kuri mwandikisho ya mudasobwa XO?
3. Mbonye inyuguti zingahe ku murongo wo hagati kuri mwandikisho ya mudasobwa XO?

Igikorwa cya 4

Gutandukanya akamaro k'ibimentyetso byihariye biri kuri mwandikisho ya mudasobwa XO

a. Itegerezze iyi shusho ikurikira:



b. Vuga amazina y'ibimentyetso byerekanywe n'imibare
ikurikira: 1 2 3 4 5 6 7 8 9 10

Mvumbuye ko:

Kuri mwandikisho ya mudasobwa XO tuhabona
ibimentyetso bitandukanye harimo:

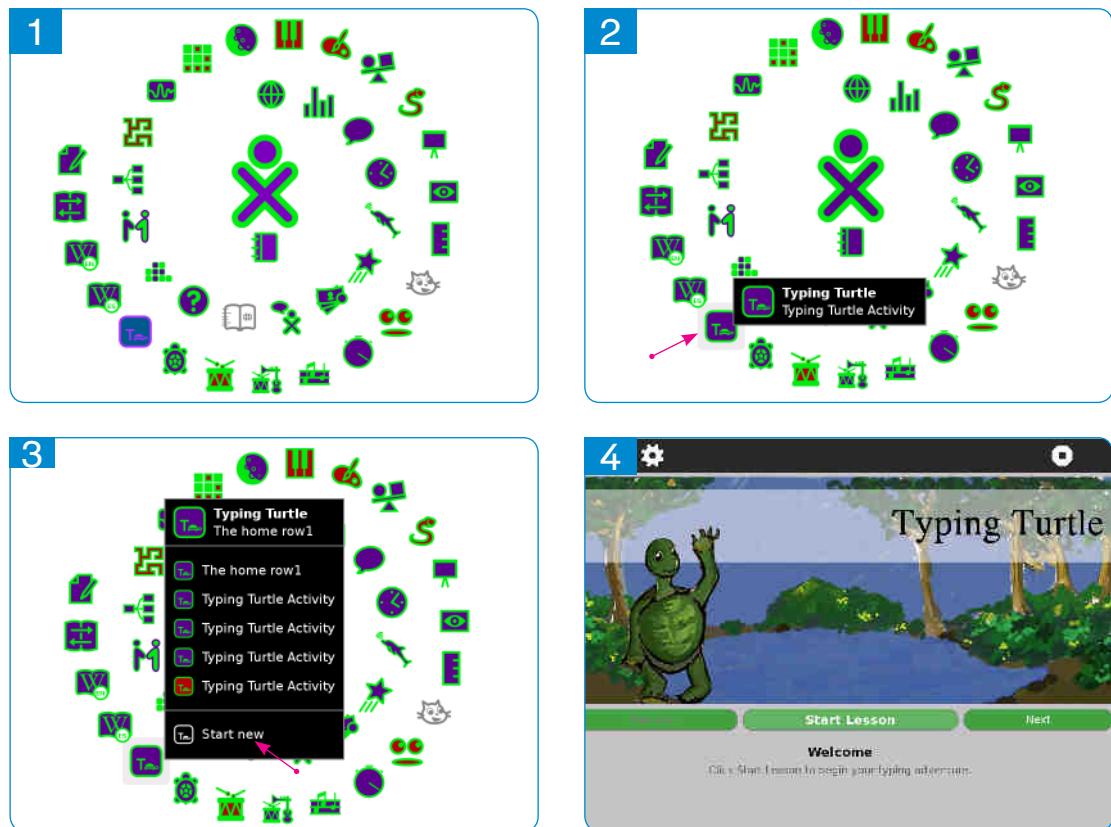
- 1— Aho bashakishiriza.
- 2— Aho bagabanyiriza cyangwa bongerera urumuri.
- 3— Aho bagabanyiriza cyangwa bongerera ijwi.
- 4— Aho bagabanyiriza cyangwa bongerera “window” kuri “screen” ya mudasobwa.
- 5— Aho basibira.
- 6— Aho bakora bemeza cyangwa bajya ku murongo ukurikira iyo wandika.
- 7— Amerekezo (kujya iburyo, ibumoso, hejuru no hasi).
- 8— Ahasiga umwanya hagati y'amagambo abiri.
- 9— Ahatuma wandika ibimentyetso.
- 10— Ahatuma wandika inguguti nkuru cyangwa nto.

2. Porogaramu (program) ya “typing turtle”

Igikorwa cya 1

Gufungura porogaramu (program) ya “typing turtle”

a. Itegereze amashusho 1, 2, na 3 akurikira:



b. Igane kandi ugaragaze icyo uvumbuye ku ishusho 1, 2, 3 na 4

Mvumbuye ko:

Gufungura porogaramu (program) ya “typing turtle” kuri mudasobwa XO ukora ibi bikurikira;

- Kujya kuri “Home view” ya mudasobwa yawe.
- Gushyira “pointer” ➔ kuri porogaramu ya “typing turtle”
- Gukanda kuri “start new”.

Igikorwa cya 2

Gukoresha porogaramu ya “typing turtle”.

a. Itegerezze amashusho 1, 2, 3 na 4 akurikira:



b. Igane kandi ugaragaze icyo uvumbuye ku ishusho 1, 2, 3 na 4.

Mvumbuye ko:

Kugira ngo ugere ku nyemezabushoboz muri “typing turtle” ukora ibi bikurikira:

- Gukanda kuri “button” ya “start lesson”.
- Gukanda inshuro ebyiri ikimenyetso gisiga umwanya, ukoreshheje urutoki rwa nyangufi nyirazo rw’iburyo.
- Gukanda inshuro ebyiri kuri “button” ya “Enter” ukoreshheje urutoki rwa meme rw’iburyo.

Igikorwa cya 3

Kwandika inyuguti ziri ku murongo wo hagati kuri mwandikisho ya mudasobwa XO (The home row)

a. Itegereze amashusho 1, 2, na 3 akurikira:

The image contains three screenshots of the "Typing Turtle" software interface:

- Screenshot 1:** Shows a green turtle standing on a grassy bank next to a body of water. The title "Typing Turtle" is at the top. Below it are buttons for "Start Lesson" and "Next". A red arrow points to the "Start Lesson" button. A message below says "Welcome Click Start Lesson to begin your typing adventure."
- Screenshot 2:** Similar scene, but the "Start Lesson" button is now labeled "The Home Row". A red arrow points to this label. A message below says "This lesson features your first stroke, e.g., h,j,k and l keys in the middle of the keyboard. These keys are called the home row."
- Screenshot 3:** Shows a close-up of a computer keyboard with the "The Bottom Row" title at the top. It says "In this lesson, you will learn the z, x, c, v, b, n and m keys. Press the enter key with your right little finger." Below is a green "start" button. At the bottom is a large image of a keyboard with various keys highlighted in yellow and red, and a red arrow points to the "Enter" key.

b. Igane kandi ugaragaze icyo uvumbuye ku ishusho 1, 2 na 3.

Mvumbuye ko:

Kwandika inyuguti ziri ku murongo wo hagati muri “typing turtle”, ukora ibi bikurikira:

- Gukanda kuri “button” ya “next” ku idirishya ribanza rya “typing turtle”.
- Gukanda kuri “button” ya “start lesson”.
- Gukanda kuri “button” ya “Enter” ukoreshheje urutoki weretswe kuri mwandikisho.
- Kwandika inyuguti baguhaye ukoreshheje urutoki rukwiye, maze ukareba amanota uhabwa (WPM).

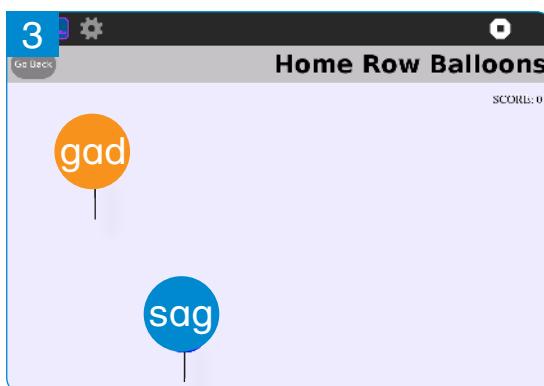
Reka nisuzume

Ni izihe nyuguti mbonye ku murongo wo hagati kuri mwandikisho ya mudasobwa XO muri “typing turtle”?

Igikorwa cya 4

Kwandika amagambo akozwe n’inyuguti ziri ku murongo wo hagati kuri mwandikisho ya mudasobwa XO (Home row balloons)

a. Itegereze amashusho 1, 2 na 3 akurikira:



b. Igane kandi
ugaragaze icyo
uvumbuye ku ishusho
1, 2 na 3

Mvumbuye ko:

Kwandika amagambo ari ku murongo wo hagati muri “typing turtle”, ukora ibi bikurikira:

- Gukanda kuri “button” ya “next” ku idirishya ribanza rya “Home Row”.
- Gukanda kuri “button” ya “start lesson”.
- Kwandika amagambo baguhaye ari mu dupurizo, maze ukareba amanota ugira (score).



Nshoboye kwandika amagambo 10 mpawe mu dupurizo muri “typing turtle”?

Igikorwa cya 5

Kwandika inyuguti ziri ku murongo wo hejuru kuri mwandikisho ya mudasobwa XO (The Top Row)

a. Itegerezze amashusho 1, 2 na 3 akurikira:



b. Igane kandi
ugaragaze icyo
uvumbuye ku ishusho
1, 2 na 3

Mvumbuye ko:

Kwandika inguguti ziri ku murongo wo hejuru muri “typing turtle”, ukora ibi bikurikira:

- Gukanda kuri “button” ya “next” ku idirishya ribanza rya “Home Row Balloons”.
- Gukanda kuri “button” ya “start lesson”.
- Gukanda kuri “button” ya “Enter” ukoreshsheje urutoki weretswe kuri mwandikisho ya mudasobwa yawe, ukandika inguguti wahawe maze ukareba amanota ugira (WPM).



Reka nisuzume

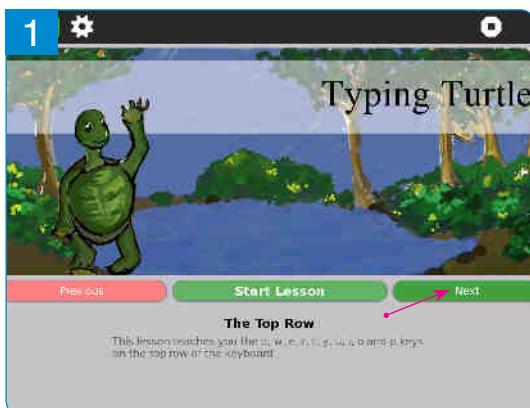


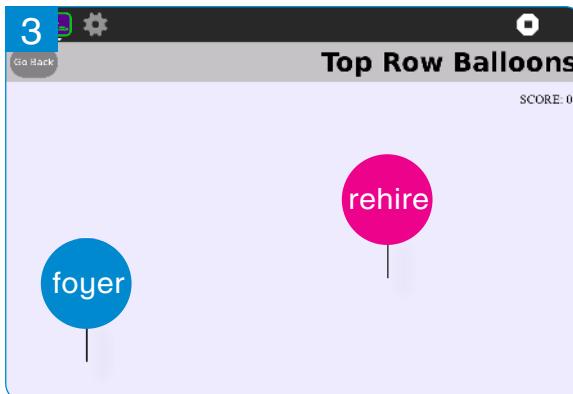
Nshoboye kwandika inguguti zo ku murongo wo hejuru kuri mwandikisho ya mudasobwa XO muri “typing turtle”?

Igikorwa cya 6

Kwandika amagambo akozwe n’inyuguti ziri ku murongo wo hejuru n’uwo hagati kuri mwandikisho ya mudasobwa XO (The Top Row Balloons)

a. Itegerezze amashusho 1, 2 na 3 akurikira:





- b. Igane kandi
ugaragaze icyo
uvumbuye ku
mashusho 1, 2
na 3.

Mvumbuye ko:

Kwandika amagambo ari ku murongo wo hejuru muri “typing turtle”, ukora ibi bikurikira:

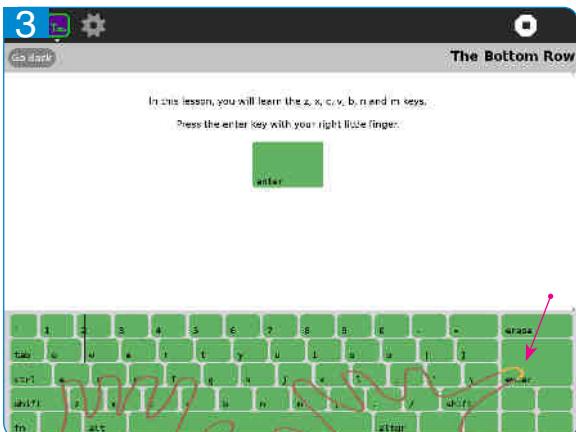
- Gukanda kuri “button” ya “next” ku idirishya ribanza rya “The Top Row”.
- Gukanda kuri “button” ya “start lesson”.
- Kwandika amagambo baguhaye mu dupurizo, ukareba amanota ugira (score).

Igikorwa cya 7

Kwandika inyuguti ziri ku murongo wo hasi kuri mwandikisho ya mudasobwa XO (The Bottom Row)

- a. Itegerezze amashusho 1, 2 na 3 akurikira:





b. Igane kandi
ugaragaze icyo
uvumbuye ku
mashusho 1, 2 na 3.

Mvumbuye ko:

Kwandika inguguti ziri ku murongo wo hasi kuri mwandikisho ya mudasobwa XO muri “typing turtle”, ukora ibi bikurikira:

- Gukanda kuri “button” ya “next” ku idirishya ribanza rya “The Row Balloons”.
- Gukanda kuri “button” ya “start lesson”.
- Gukanda kuri “button” ya “Enter” ukoresheje urutoki weretswe kuri mwandikisho. Kwandika inguguti baguhaye ukoresheje urutoki rukwiye maze ukareba amanota uhabwa (WPM).

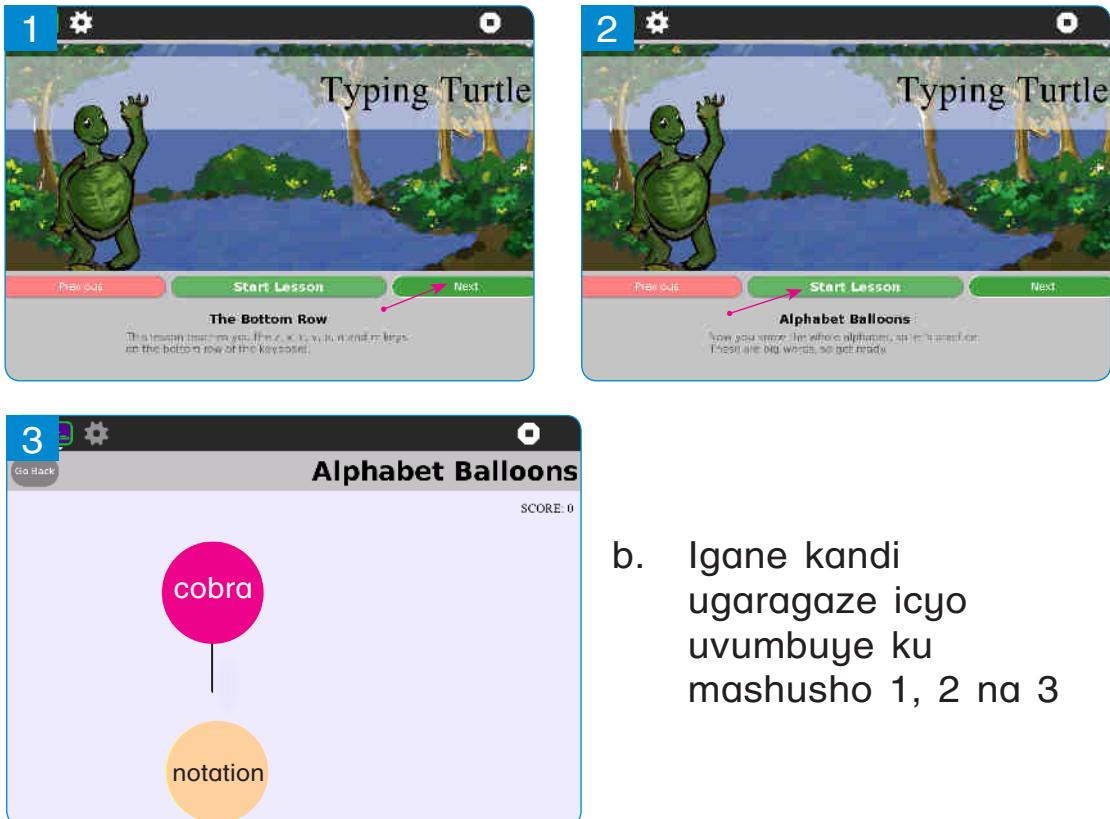
Reka nisuzume

Ndigana kwandika inguguti zo ku murongo wo hasi kuri mwandikisho ya mudasobwa XO muri “typing turtle”.

Igikorwa cya 8

Kwandika amagambo akozwe n'inyuguti ziri ku mirongo yose kuri mwandikisho ya mudasobwa XO (Alphabet Balloons)

a. Itegerezze amashusho 1, 2 na 3 akurikira:



b. Igane kandi
ugaragaze icyo
uvumbuye ku
mashusho 1, 2 na 3

Mvumbuye ko:

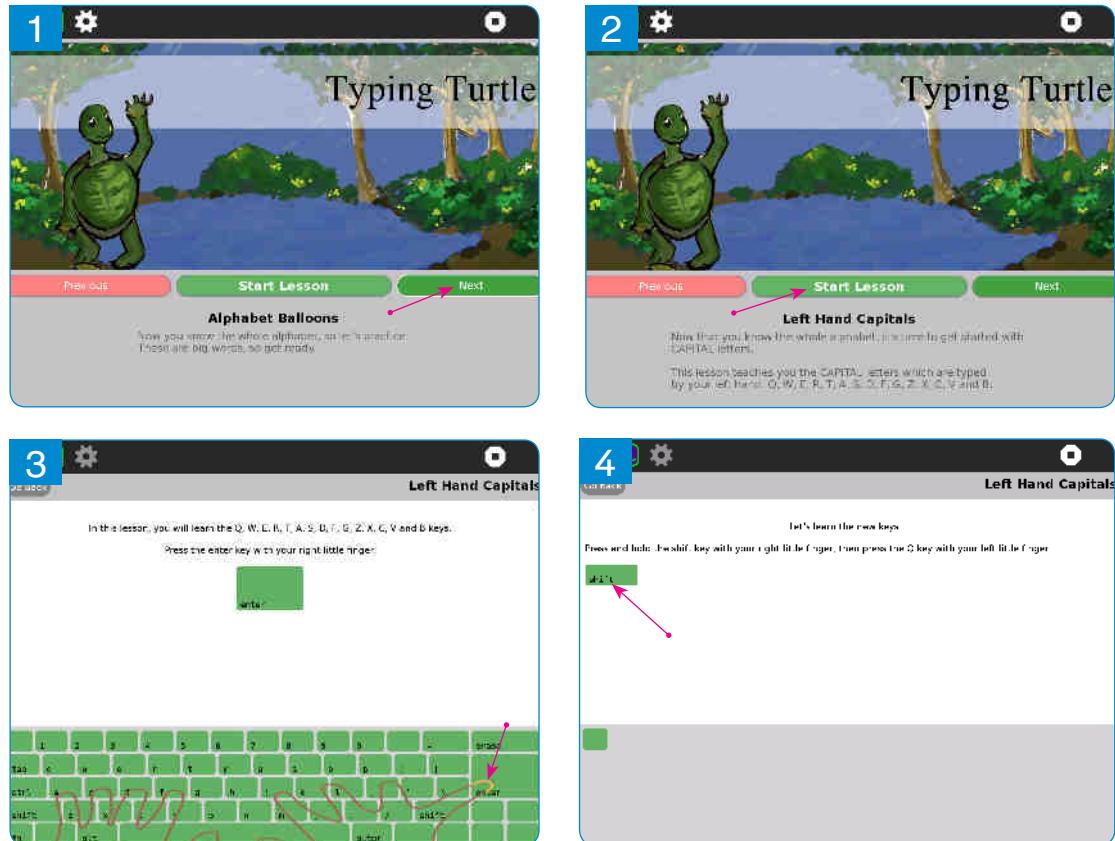
Kwandika amagambo akozwe n'inyuguti ziri ku mirongo yose ya mwandikisho ya mudasobwa XO ari mu dupurizo muri "typing turtle", ukora ibi bikurikira:

- Gukanda kuri "button" ya "next" ku idirishya ribanza rya "The bottom Row".
- Gukanda kuri "button" ya "start lesson".
- Kwandika amagambo baguhaye mu dupurizo maze ukareba amanota ugira (score).

Igikorwa 9

Kwandika inyuguti nkuru ukoresheje ikiganza k'ibumoso kuri mwandikisho ya mudasobwa XO (Left Hand Capitals)

a. Itegerezze amashusho 1, 2, 3 na 4 akurikira:



b. Igane kandi ugaragaze icyo uvumbuye ku ishusho 1, 2, 3 na 4.

Mvumbuye ko:

Kwandika inyuguti nkuru muri “typing turtle” ukoresheje ikiganza k'ibumoso kuri mwandikisho ya mudasobwa XO, ukora ibi bikurikira:

- Gukanda kuri “button” ya “next” ku idirishya ribanza rya “Alphabet Balloons”.

- Gukanda kuri “button” ya “start lesson”.
- Gukanda kuri “button” ya “Enter” kuri mwandikisho ya mudasobwa XO.
- Gukanda kuri “button” ya “shift” kuri mwandikisho ukoresheje urutoki rwa meme rw’iburyo, ukandika inyuguti wahawe maze ukareba amanota ugira (WPM).

Igikorwa cya 10

Kwandika inyuguti nkuru ukoresheje ikiganza k’iburyo kuri mwandikisho ya mudasobwa XO (Right Hand Capitals)

a. Itegerezze amashusho 1, 2, 3 na 4 akurikira:

The image contains four screenshots of a computer keyboard interface, each with a cartoon turtle in a forest setting. The screens are labeled 1, 2, 3, and 4 in the top left corner.

- Screenshot 1:** Shows a green turtle standing on a log. The text "Typing Turtle" is at the top. Below are three buttons: "Press caps", "Start Lesson", and "Next". A pink arrow points to the "Start Lesson" button. A grey box at the bottom contains the text: "Now that you know the whole alphabet, you can get started with CAPITAL letters." and "This lesson teaches you the CAPITAL letters which are typed by your left hand: Q, W, E, R, T, A, S, D, F, G, Z, X, C, and B."
- Screenshot 2:** Similar scene with the turtle. The text "Typing Turtle" is at the top. Below are three buttons: "Press caps", "Start Lesson", and "Next". A pink arrow points to the "Start Lesson" button. A grey box at the bottom contains the text: "This lesson teaches you the CAPITAL letters which are typed with the right hand: Y, U, I, O, P, H, J, K, L, N and M."
- Screenshot 3:** Shows a green turtle standing on a log. The text "Right Hand Capitals" is at the top. Below are three buttons: "Press caps", "Start Lesson", and "Next". A pink arrow points to the "Start Lesson" button. A grey box at the bottom contains the text: "In this lesson, you will learn the Y, U, I, O, P, H, J, K, L, N and M keys." and "Press the enter key with your right little finger."
- Screenshot 4:** Shows a green turtle standing on a log. The text "Right Hand Capitals" is at the top. Below are three buttons: "Press caps", "Start Lesson", and "Next". A pink arrow points to the "Start Lesson" button. A grey box at the bottom contains the text: "Let's learn the new keys." and "Press and hold the shift key with your left middle finger, then press the Y key with your right index finger."

b. Igane ugaragaza icyo uvumbuye ku ishusho 1, 2, 3 na 4.

Mvumbuye ko:

Kwandika inguguti nkuru muri “typing turtle” ukoresheje ikiganza k’iburyo kuri mwandikisho ya mudasobwa XO, ukora ibi bikurikira:

- Gukanda kuri “button” ya “next” ku idirishya ribanza rya “Left Hand Capitals Balloons”.
- Gukanda kuri “button” ya “start lesson”.
- Gukanda kuri “button” ya “Enter” kuri mwandikisho ya mudasobwa XO.
- Gukanda kuri “button” ya “shift” kuri mwandikisho ukoresheje urutoki rwa meme rw’ibumoso, ukandika inguguti wahawe maze ukareba amanota ugira (WPM).



Reka nisuzume



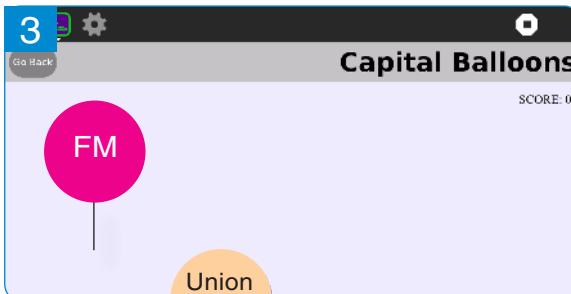
Ndandika inguguti nkuru 10 muri “typing turtle” nkoresheje ikiganza k’iburyo.

Igikorwa cya 11

Kwandika amagambo afite inguguti nkuru muri “typing turtle” kuri mwandikisho ya mudasobwa XO (Capital Balloons)

a. Itegereze amashusho 1, 2 na 3 akurikira:





- b. Igane kandi
ugaragaze icyo
uvumbuye ku ishusho
1, 2 na 3.

Mvumbuye ko:

Kwandika amagambo afite inguguti nkuru muri “typing turtle” kuri mwandikisho ya mudasobwa XO ari mu dupurizo, ukora ibi bikurikira:

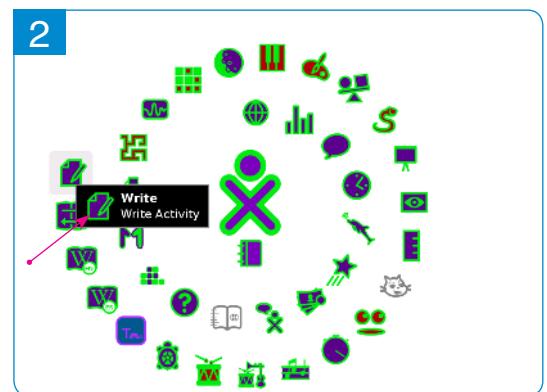
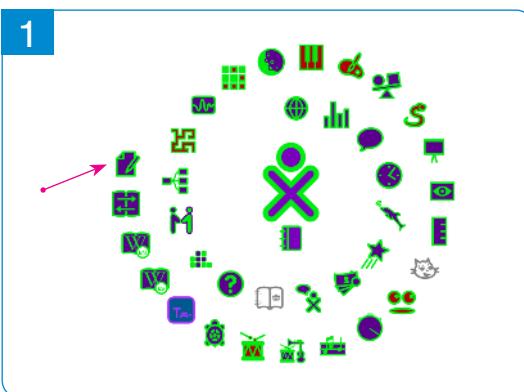
- Gukanda kuri “button” ya “next” ku idirishya ribanza rya “Right Hand Capitals ballons”.
- Gukanda kuri “button” ya “start lesson”.
- Kwandika amagambo baguhaye mu dupurizo, maze ukareba amanota ugira (score).

3. Porogaramu (program) ya “write activity”

Igikorwa cya 1

Gufungura “Write Activity”

- a. Itegereze amashusho 1, 2 na 3 akurikira:



3



- b. Igane kandi ugaragaze icyo uvumbuye ku ishusho 1, 2 na 3

Mvumbuye ko:

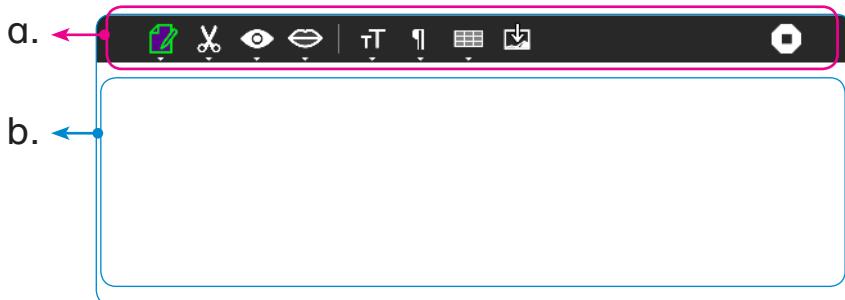
Gufungura porogaramu (program) ya “Write Activity” muri mudasobwa XO ukora ibi bikurikira:

- Kujya kuri “home view” ya mudasobwa yawe
- Gushyira “pointer” ➔ kuri porogaramu (program) ya “Write Activity” 🖊
- Gukanda kuri “button” ya “start new”.

Igikorwa cya 2

Gutandukanya ibice by’ingenzi bigize porogaramu (program) ya (Write Activity)

- a. Itegereze ishusho ikurikira:



- b. Porogaramu (program) ya “Write Activity” igizwe n’ibice bingahe?
- c. Rondora ibice by’ingenzi byerekanwe n’inyuguti a na b ku ishusho.

Mvumbuye ko:

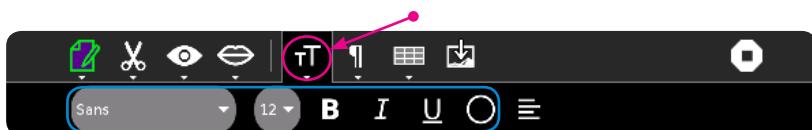
Porogaramu (program) ya “Write Activity” igizwe n’ibice 2 by’ingenzi bikurikira:

- Igice kiriho utuyoboro.
- Igice bandikamo.

Igikorwa cya 3

Kunoza inyandiko muri porogaramu (program) ya “Write Activity”

- a. Itegerezze ishusho ikurikira:



- b. Vuga akamaro k’igice kerekana n’akambi kuri iyi shusho.
- c. Rondora ibigize igice kizengurutswe n’umurongo w’ubururu kuri iyi shusho.
- c. Vuga akamaro ka buri gice kizengurutswe n’umurongo w’ubururu kuri iyi shusho.

Mvumbuye ko:

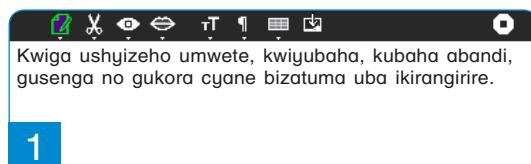
- Akambi kerekana igice **kinoza inyandiko** muri porogaramu (program) ya “Write Activity”.
- Igice kinoza inyandiko kigizwe n’ibi bikurikira:

- Aho bahindurira ubwoko bw’inyandiko **Sans**.
- Aho bahindurira ingano y’inyandiko **12**.
- Aho gutsindagirira inyandiko **B**
- Aho kuberamisha inyandiko **I**
- Aho guca umurongo ku nyandiko **U**
- Aho guhindurira ibara ry’inyandiko **●**

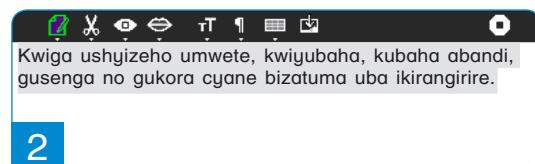
Igikorwa cya 4

Guhindura uwoko bw'inyandiko

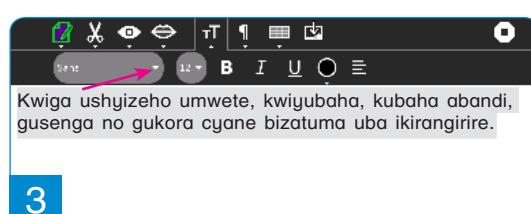
a. Itegereze amashusho 1, 2, 3 na 4 akurikira:



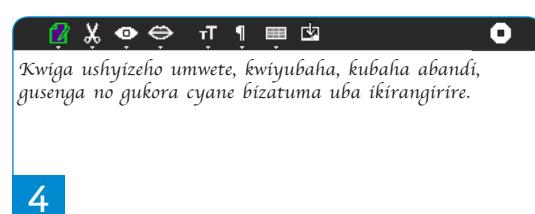
1



2



3



4

b. Igane kandi ugaragaze icyo uvumbuye ku ishusho 1, 2, 3 na 4.

Mvumbuye ko:

Guhindura uwoko bw'inyandiko muri “Write Activity” ukora ibi bikurikira:

- Kwandika inyandiko
- Guhitamo inyandiko ushaka guhindura (selection)
- Gukanda kuri τT
- Guhitamo uwoko bw'inyandiko Sans ▾
- Gukanda uwoko bw'inyandiko uhisemo.

Umwitoto



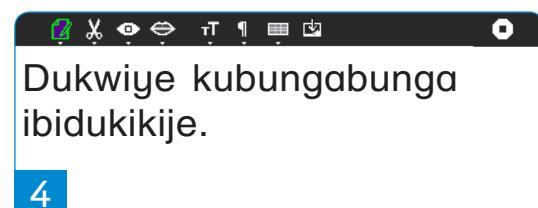
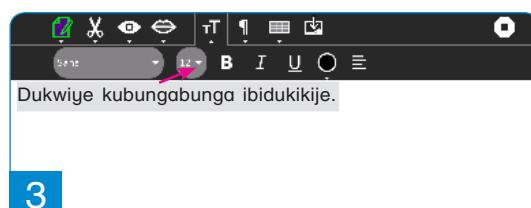
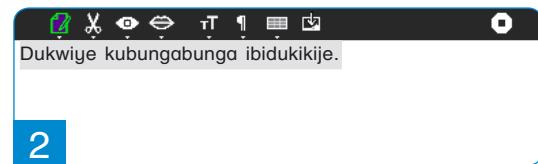
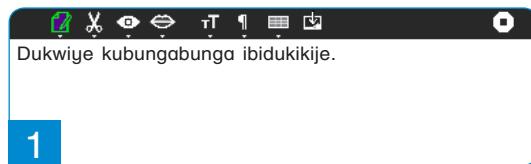
Igane inyandiko izi nteruro zanditsemo:

- a. *Ndi umunyarwanda.*
- b. Kurwana ni bibi.
- c. Umwana mwiza akunda igihugu ke.

Igikorwa cya 5

Guhindura ingano y'inyandiko

a. Itegerezze amashusho 1, 2, 3 na 4 akurikira:



b. Igane kandi ugaragaze icyo uvumbuye ku ishusho 1, 2, 3 na 4.

Mvumbuye ko:

Guhindura ingano y'inyandiko muri “Write Activity” ukora ibi bikurikira:

- Kwandika inyandiko.
- Guhitamo inyandiko ushaka guhindurira ingano (selection).
- Gukanda kuri τT.
- Guhitamo ingano y'inyandiko ushaka 12 ▾.

Umwitoto



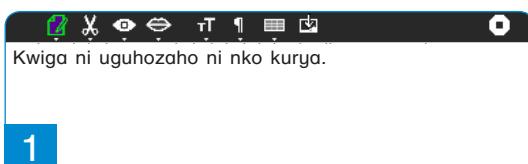
Igane inyandiko izi nteruro zanditsemo:

- Isuku ni isoko y'ubuzima.
- Nkwiye gusura umuturanyi urwaye.

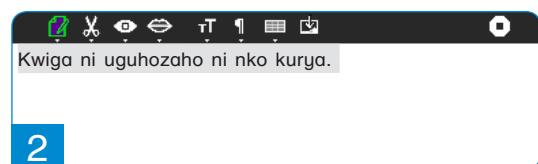
Igikorwa cya 6

Guhindura ingandiko uyitsindagira

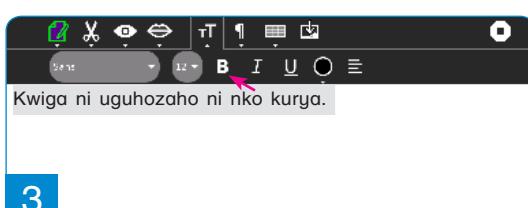
a. Itegereze amashusho 1, 2, 3 na 4 akurikira:



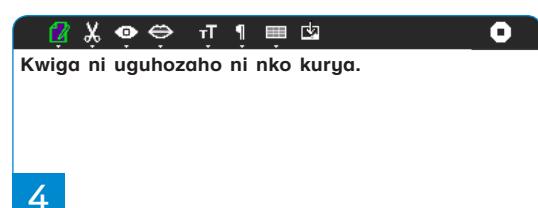
1



2



3



4

b. Igane kandi ugaragaze icyo uvumbuye ku ishusho 1, 2, 3 na 4.

Mvumbuye ko:

Guhindura ingandiko uyitsindagira muri “Write Activity” ukora ibi bikurikira:

- Kwandika ingandiko
- Guhitamo ingandiko ushaka gutsindagira (selection)
- Gukanda kuri τT
- Gukanda kuri **B**

Umwitoto



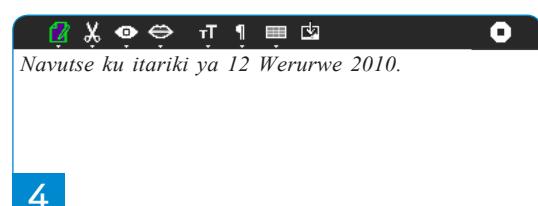
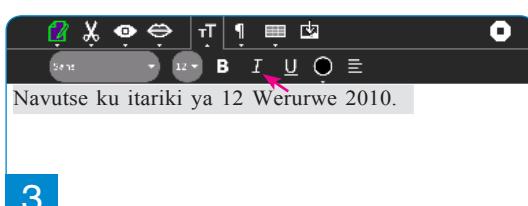
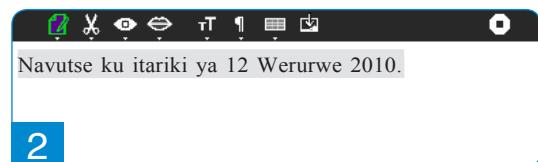
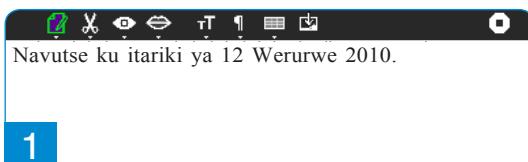
Igane ingandiko izi nteruro zanditsemo:

- Inshuti yange mudasobwa.**
- Buri wese arashoboye.**

Igikorwa cya 7

Guhindura inyandiko uyiberamisha

a. Itegereze amashusho 1, 2, 3 na 4 akurikira:



b. Igane kandi ugaragaze icyo uvumbuye ku ishusho 1, 2, 3 na 4.

Mvumbuye ko:

Guhindura inyandiko uyiberamisha muri “Write Activity” ukora ibi bikurikira:

- Kwandika inyandiko
- Guhitamo inyandiko ushaka kuberamisha (selection)
- Gukanda kuri τT
- Gukanda kuri *I*

Umwitoto



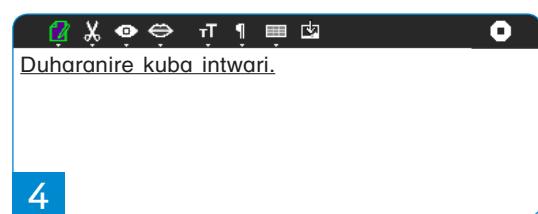
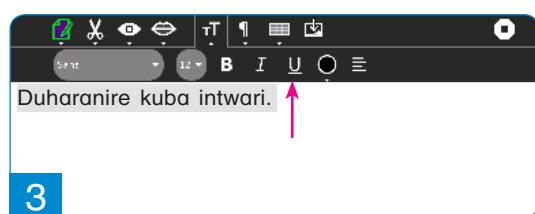
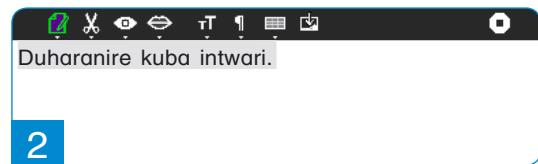
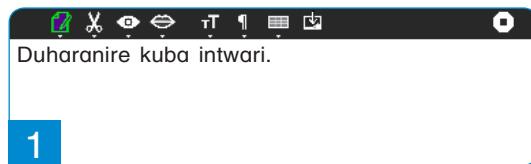
Igane inyandiko izi nteruro zanditsemo:

- Intore ntiganya.*
- Ikinyarwanda ni ururimi rukoreshwa mu Rwanda.*

Igikorwa cya 8

Guca umurongo ku nyandiko

- a. Itegerezze amashusho 1, 2, 3 na 4 akurikira:



- b. Igane kandi ugaragaze icyo uvumbuye ku ishusho 1, 2, 3 na 4.

Mvumbuye ko:

Guca umurongo ku nyandiko muri “Write Activity” ukora ibi bikurikira:

- Kwandika inyandiko
- Guhitamo inyandiko ushaka gucaho umurongo (selection)
- Gukanda kuri **T**
- Gukanda kuri **U**

Umwitoto



Igane inyandiko izi nteruro zanditsemo:

- Kwigira ni ishema ryacu.*
- U Rwanda ruragendwa.*

Igikorwa cya 9

Guhindura ibara ry'inyandiko

- a. Itegereze amashusho 1, 2, 3 na 4 akurikira:



- b. Igane kandi ugaragaze icyo uvumbuye ku ishusho 1, 2, 3 na 4.

Mvumbuye ko:

Guhindura ibara ry'inyandiko muri “Write Activity” ukora ibi bikurikira:

- Kwandika inyandiko
- Guhitamo inyandiko ushaka guhindurira ibara (selection)
- Gukanda kuri τT
- Gukanda kuri “button” ● ugahitamo ibara ushaka.

Imyitozo



1. Igane inyandiko izi nteruro zanditsemo:
 - a. *Kigali ni* umurwa **mukuru** w'u Rwanda.
 - b. **Rwanda nziza**.
2. Andika amagambo akurikira udahinduye inyandiko yanditsemo.

Ubutabera

Uburezi

Ubworozi

Ubuuvuzi

Ubuhinzi

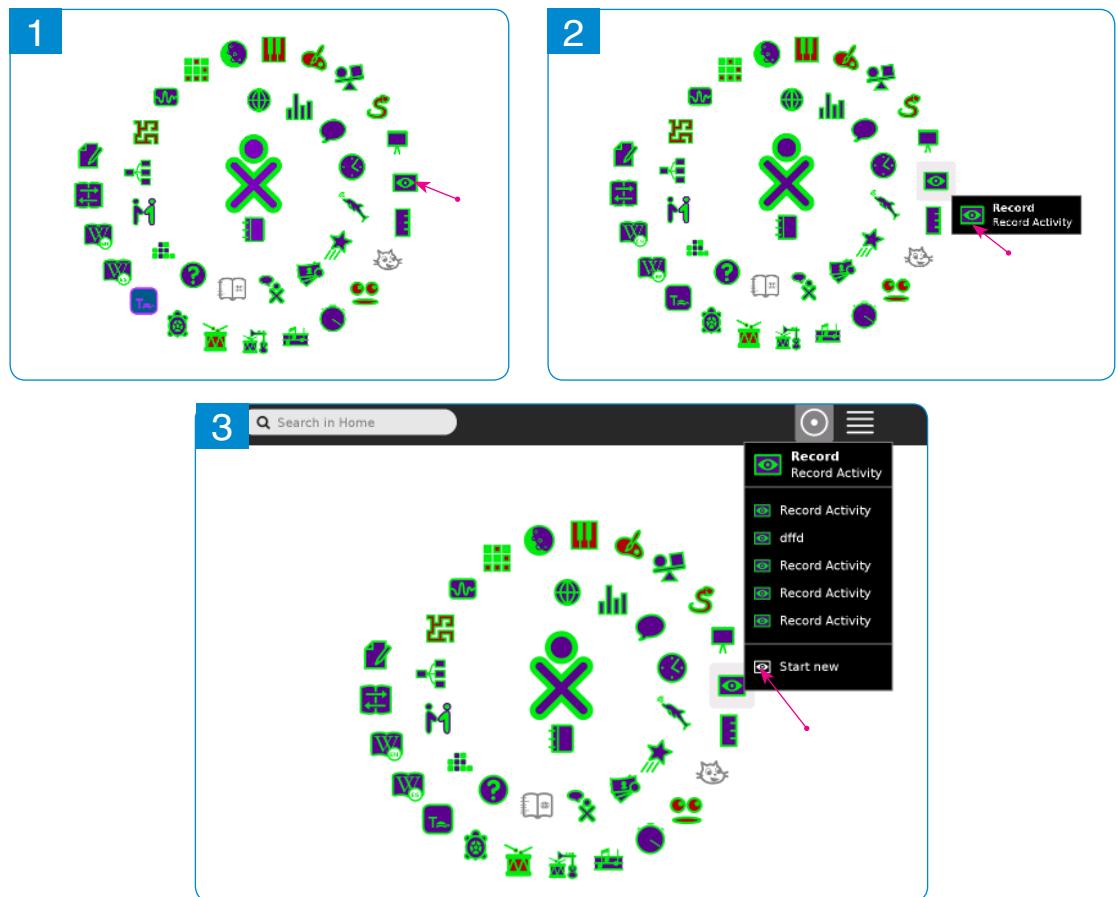
Ubwikorezi

4. Porogaramu (program) ya “record activity”

Igikorwa cya 1

Gufungura “Record Activity”

a. Itegereze amashusho 1, 2 na 3 akurikira:



b. Igane kandi ugaragaze icyo uvumbuye ku ishusho 1, 2 na 3.

Mvumbuye ko:

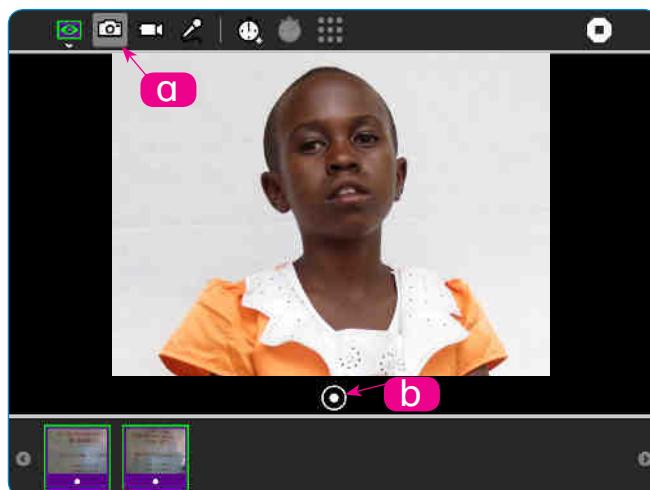
Gufungura porogaramu (program) ya “Record Activity” muri mudasobwa XO ukora ibi bikurikira:

- Kujya kuri “home view” ya mudasobwa yawe.
- Gushyira “pointer” porogaramu (program) ya “Record Activity”
- Gukanda kuri “button” ya “start new”.

Igikorwa cya 2

Gufata ifoto muri “Record Activity”

a. Itegereze ishusho ikurikira:



b. Igane kandi ugaragaze icyo uvumbuye kuri igi ishusho.

Mvumbuye ko:

Gufata ifoto ukoresheje mudasobwa XO, ufungura porogaramu (program) ya “Record Activity” ugakora ibi bikurikira:

- Guhitamo “button” ya “camera” yerekanwe n’inyuguti **a** ku ishusho. Ukareba ko icyo ushaka gufotora uri kukibona neza.
- Gukanda kuri “button” yo gufotora yerekanywe n’inyuguti **b** ku ishusho.

Umwitozo

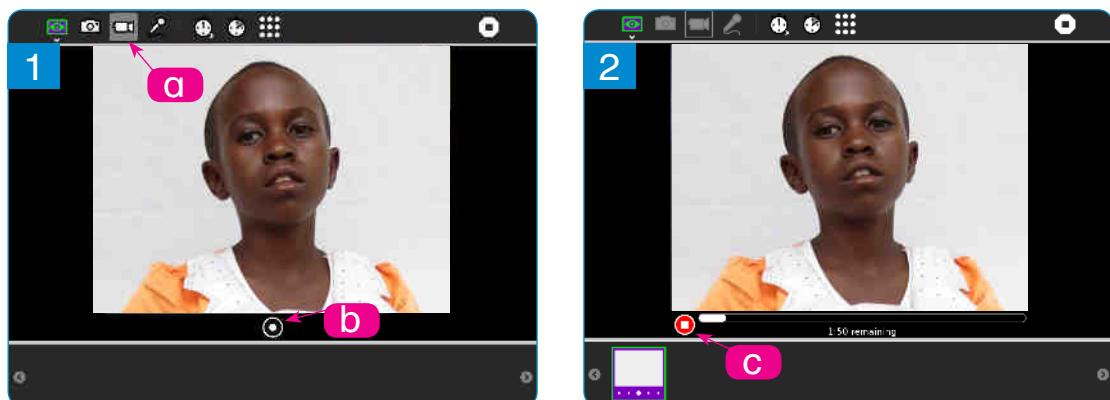


Fata ifoto ukoresheje mudasobwa XO yawe.

Igikorwa cya 3

Gufata amajwi n'amashusho muri “Record Activity”

a. Itegerezze amashusho 1 na 2 akurikira:



b. Igane kandi unagaragaze icyo uvumbuye ku ishusho 1 na 2.

Mvumbuye ko:

Gufata amajwi n'amashusho ukoreshheje mudasobwa XO, ufungura porogaramu (program) ya “Record Activity” ugakora ibi bikurikira:

- Guhitamo “button” ya “video” yerekanywe n'inyuguti ya **a** ku ishusho. Ukareba ko icyo ushaka gukamera uri kukibona neza.
- Gukanda kuri “button” ya “record” yerekanywe n'inyuguti **b** ku ishusho.
- Gukanda kuri “button” itukura yerekanywe n'inyuguti **c** ku ishusho maze ukabika ibyo umaze gufata.

Umwitoto

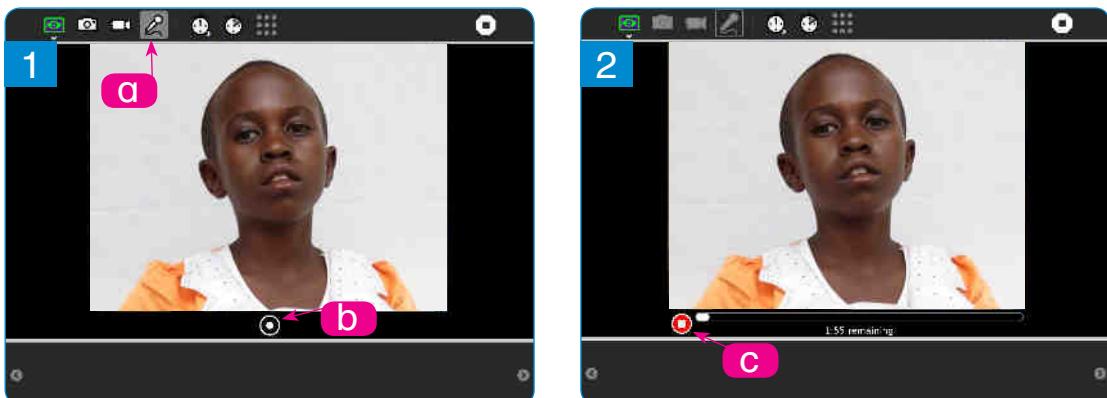


Fata “video” y'igikorwa uri gukora ukoreshheje mudasobwa XO yawe.

Igikorwa cya 4

Gufata amajwi muri “Record Activity”

a. Itegerezze amashusho 1 na 2 akurikira:



b. Igane kandi unagaragaze icyo uvumbuye ku ishusho 1 na 2.

Mvumbuye ko:

Gufata amajwi ukoreshheje mudasobwa XO, ufungura porogaramu (program) ya “Record Activity” ugakora ibi bikurikira:

- Guhitamo “button” ya “audio” yerekanywe n’inyuguti ya **a** ku ishusho.
- Gukanda kuri “button” ya “record” yerekanywe n’inyuguti **b** ku ishusho.
- Gukanda kuri “button” itukura yerekanywe n’inyuguti **c** ku ishusho maze ukabika ibyo umaze gufata.

Umwitozo

Vuga ufata n’amajwi amezi y’umwaka mu kinyarwanda ukoreshheje mudasobwa XO.

Igikorwa cya 5

Kwita izina ibyafashwe (ifoto, amajwi n'amashusho)

a. Itegerezze amashusho 1, 2, 3 na 4 akurikira:

1

2

3

4

b. Igane kandi unagaragaze icyo uvumbuye ku ishusho 1, 2, 3 na 4.

Mvumbuye ko:

Kwita izina ibyafashwe muri mudasobwa XO, ukora ibi bikurikira:

- Kujya kuri “home view” ya mudasobwa XO.
- Gufungura ububiko (Journal).
- Guhitamo icyo ushaka kwita izina (Double click).
- Gusiba izina ry’icyo ushaka kwita ukandika izina rishya.
- Gukanda “button” ya “Enter” kuri mwandikisho.

Igikorwa cya 6

Gusiba ibyafashwe (ifoto, amajwi n'amashusho)

a. Itegereze amashusho 1, 2, 3 na 4 akurikira:

The figure consists of four screenshots labeled 1 through 4.

- Screenshot 1:** Shows the main XO desktop interface with various icons for applications like the calculator, browser, and file manager.
- Screenshot 2:** Shows the Journal application window. The sidebar lists entries: 'Screenshot of 'Journal'', 'Journaliznirishya', 'journaliguhitamo', 'Record Activity', 'Audio by elpc', 'Screenshot of 'Record Activity'', 'journalgusiba' (with a red arrow pointing to it), 'gufataamashusho', 'Record Activity', and 'Audio by elpc'. The main pane shows a list of recent entries.
- Screenshot 3:** Shows the Journal application window with a different set of entries in the sidebar: 'journaliguhitamo', 'Record Activity', 'Audio by elpc', 'Screenshot of 'Record Activity'', 'kvige' (with a red arrow pointing to it), 'gufataamashusho', 'gufataamajwi', 'Record Activity', 'Audio by elpc', and 'Screenshot of 'Record Activity''. The main pane shows a list of recent entries.
- Screenshot 4:** Shows the Journal application window with a third set of entries in the sidebar: 'journaliguhitamo', 'Record activity', 'Audio by elpc', 'Screenshot of 'Record Activity'', 'gufataamashusho', 'gufataamajwi', 'recordactivity', 'Audio by elpc', 'Screenshot of 'Record Activity'', and 'Video by elpc'. The main pane shows a list of recent entries.

b. Igane kandi unagaragaze icyo uvumbuye ku ishusho 1, 2, 3 na 4

Mvumbuye ko:

Gusiba ibyafashwe muri mudasobwa XO ukora ibi bikurikira:

- Kujya kuri “home view” ya mudasobwa XO.
- Gufungura ububiko (Journal).
- Gushyira “pointer” ku cyo ushaka gusiba, ugakanda “button” ya “erase”.
- Gukanda “erase” ku kadirishya baguhaye, ibyo usibye bigahita biva mu bubiko (journal).

5. Isuzuma risoza umutwe wa 3

1. Andika inkuru ikurikira muri write activity:

Umunsi umwe **Gakwisi** yajyanye na **Mahoro** mu isoko. Bagenda baganira ku buryo batsinze mu ishuri. Gakwisi yaguze **amakayi n'amakaramu**, Mahoro yaguze **inkweto za siporo** kuko izo yari afite zari zishaje.

Nk'abana bafite uburere, bamaze kugura ibyabajyanye mu isoko bahita bataha basubira mu rugo.

2. Ifate amajwi n'amashusho uri kuririmba indirimbo yubahiriza igihugu "Rwanda nziza" ukoreshheje mudasobwa XO.
3. Siba ifoto wafashe uyu munsi.
4. Ukoreshheje "typing turtle", andika:
 - a. Inyuguti ziri ku murongo wo hagati kuri mwandikisho.
 - b. Amagambo agizwe n'inyuguti zo ku murongo wo hagati n'uwo hejuru ari mu dupurizo uhabwa.
 - c. Inyuguti nkuru ukoreshheje ikiganza k'iburyo.
 - d. Amagambo ari mu dupurizo uhawe afite inyuguti nkuru ukoreshheje ibiganza byombi.
5. Koresha mudasobwa XO wifate "video" maze uyite izina ushaka.
6. Jya aho wabitse indirimbo yubahiriza Igihugu uyite "Rwanda nziza".



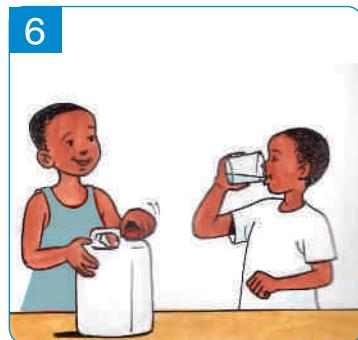
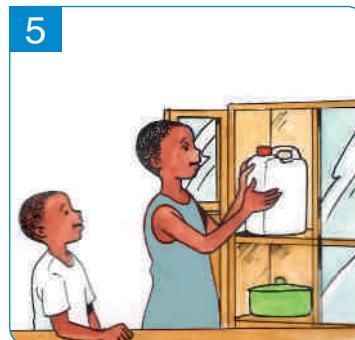
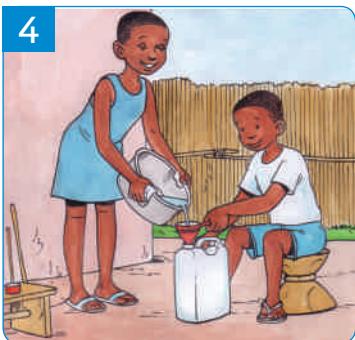
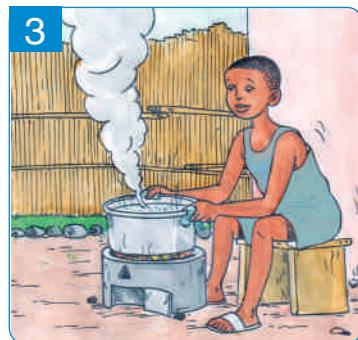
Umuryango wa Gahara ukoresha amazi y'iriba riri munsi y'umusozzi. Ntirikama kuko amazi y'imvura n'ava mu ngo ashoka ku musozi agahora aryuzuza. Buri cyumweru kwa Gahara bajya kwivuza inzoka n'impiswi baterwa n'amazi bakoresha. Bagire inama.

Gutegura neza amazi yo kunywa

Igikorwa cya 1

Guteka, kuyungurura no kubika amazi yo kunywa

a. Itegerewe amashusho 1, 2, 3, 4, 5 na 6 akurikira:



- b. Ni ibihe bikoresho amashusho agaragaza muri iki gikorwa cya 1?
- c. Ni ayahe mashusho yerekana ibikurikira:
 - 1. Amazi yabize.
 - 2. Kuyungurura amazi.
 - 3. Kubika amazi apfundikiye.
- d. Sukura amazi yo kunywa ukurikije intambwe ziri ku mashusho.

Mvumbuye ko:

Utegura amazi yo kunywa ukora ibi bikurikira:

- Gusukura ibikoresho uri bukenere byose.
- Kuyateka apfundikiye akabira neza.
- Gutereka amazi yabize kugeza abaye akazuyazi.
- Kuyungurura amazi n'akayunguruzo gasukuye.
- Kubika amazi apfundikiye mu gikoresho gisukuye.
- Kuyanywesha igikombe cyangwa ikirahuri gisukuye neza.

Niyemeje ko:

- Nzajya nywa amazi atetse neza, ayunguruye kandi abikanye isuku.
- Nzirinda kunywa amazi mabi kuko atera indwara nka korera, impiswi, inzoka, macinyamyambi, tifoyide n'izindi.



Reka nisuzume



Nshoboye gusukura amazi yo kunywa?

Umukoro

Ganiriza ababyeyi n'abaturanyi uko bateka,
bayungurura amazi yo kunywa n'uko bayabika.

Igikorwa cya 2

Gusukura amazi yo kunywa ukoreshheje imiti

a. Itegerezze amashusho 1, 2, 3, 4, 5 na 6 akurikira:



- b. Vuga amazina y'ibikoresho byo gusukura amazi yo kunywa wabonye ku mashusho.
- c. Vuga inomero y'amashusho avuga ibi bikurikira.
1. Gucugusa amazi yashyizwemo umuti.
 2. Gutegerezza ko umuti ukora.
- d. Ukurikije amashusho, sobanura uko umuti usukura amazi ukoreshwa.

Mvumbuye ko:

Ngomba gusukura amazi nkoreshheje siro (sur'eau) ku buryo bukurikira:

- Gutegurana isuku ibikoresho uri bukenere.
- Gupima siro (sur'eau) ukoreshheje agafuniko ku gipimo gitegetswe.
- Gushyira siro (sur'eau) mu mazi wateganje gusukura.
- Gucugusa kugeza siro (sur'eau) yivanze neza n'amazi.

- Gutereka amazi avanze na siro (sur'eau) ahabugenewe kandi apfundikiye neza maze ugategereza iminota 30.
- Kunywesha amazi igikoresho gisukuye neza.

Imyitozo

1. Fata amazi mu kajerikani gasa neza ka litiro 10.
2. Shyira mu mazi umuti wa siro (sur'eau) ukurikije ibi bipimo: Agafuniko kamwe gashyirwa muri litiro 20 z'amazi naho agace k'agafuniko kagashyirwa muri litiro 10 z'amazi.
3. Yungurura amazi ukoreshsheje akayunguruzo gasukuye.

2. Isuzuma risoza umutwe wa 4

1. Sobanura uko basukura amazi bakoresheje umuti wa siro (sur'eau).
2. Vuga indwara uzi iterwa no kunywa amazi yanduye.
3. Vuga umuti ukoreshwa mu gusukura amazi yo kunywa.
4. Kurikiranya inzira zo gutegura amazi yo kunywa.
5. Kuki bateka amazi? Bayateka bate?
6. Tondeka ibikorwa byo gusukura amazi uhoreye ku gikorwa kibanza
 - a. Gupfundikira amazi yo kunywa
 - b. Kunywa amazi asukuye
 - c. Gukaraba intoki
 - d. Gusuka siro (sur'eau) mu mazi
 - e. Kwiyegereza ibikoresho
 - f. Gucugusa amazi
7. Vuga ibikoresho byose byifashishwa mu guteka amazi yo kunywa.



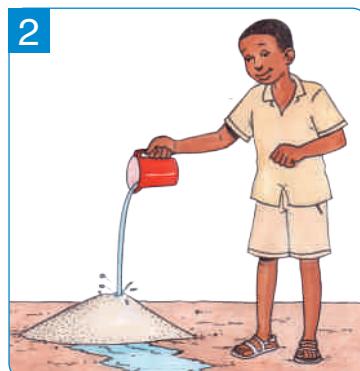
Umuryango wa Karekezi utuye ku musozi uhanamye cyane. Iyo imvura yabaye nyinshi imyaka yabo ntiyera neza, kabone n'igo baba bafumbiye nk'abandi. Batagiriwe inama bazahora mu bukene.



1. Amoko y'ubutaka

Igikorwa

- a. Itegereze amashusho 1, 2 na 3 akurikira.



- b. Vuga ubwoko bw'ubutaka buri ku ishusho 1, 2 na 3

Mvumbuye ko:

Ubutaka bubamo amoko atatu:

- Ubutaka bw'ibumba, bufatanye ntibwinjiremo amazi vuba.
- Ubutaka bw'urusenyi, butandukanye ndetse bwinjiramo amazi vuba.
- Ubutaka bw'imberabyombi buregeranye kandi bwinjiramo amazi buhorobuhoro.

Umukoro

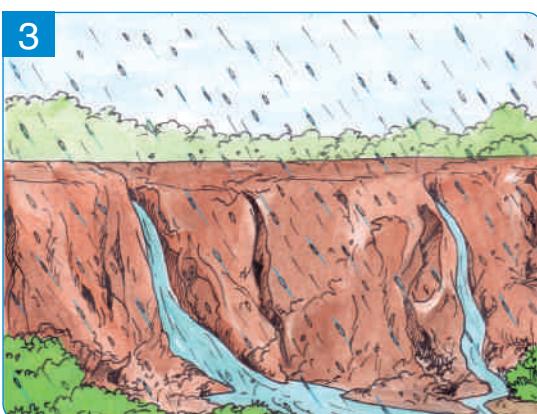
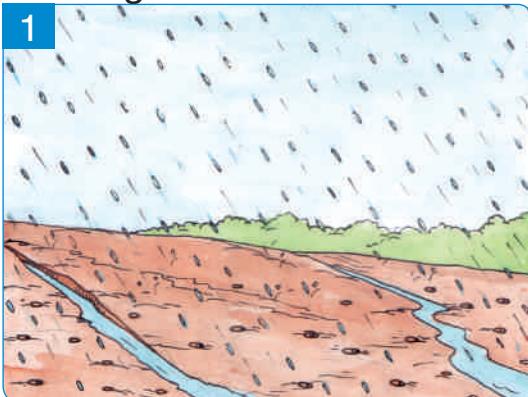
Uzane udupfunyika tw'ubutaka butandukanye buboneka iwanyu no mu nzira unyuramo ujya cyangwa uva ku ishuri. Ubwereke umwarimu na bagenzi bawe ubabwire n'amoko yabwo.

2. Isuri

Igikorwa cya 1

Gutandukanya amoko y'isuri

- a. Itegerezze amashusho akurikira:



- b. Vuga ibintu bitera isuri bigaragara ku mashusho 1, 2, 3 na 4.
c. Sobanura ibyo witegerezze ku mashusho 1, 2, 3 na 4.

Mvumbuye ko:

Isuri irimo amoko menshi:

- a. **Isuri iterwa n'amazi y'imvura:** iterwa n'umuvi utwara ubutaka bw'aho unyuze.
- b. **Inkangu:** Iterwa n'amazi menshi y'imvura. Amazi yinjira mu butaka imisozi ikariduka.
- c. **Isuri iterwa n'umwuzure.**
- d. **Isuri iterwa n'umuyaga** mwinshi cyane ukubura ubutaka bwose bwo hejuru hagasigara ubutaka bukomeye gusa.

Isuri ntabwo itwara ubutaka gusa ahubwo itwara n'ibiburiho byose. Inkangu zisenya amazu n'imihanda, zigatwara ibimera ndetse n'ubuzima bw'abantu.

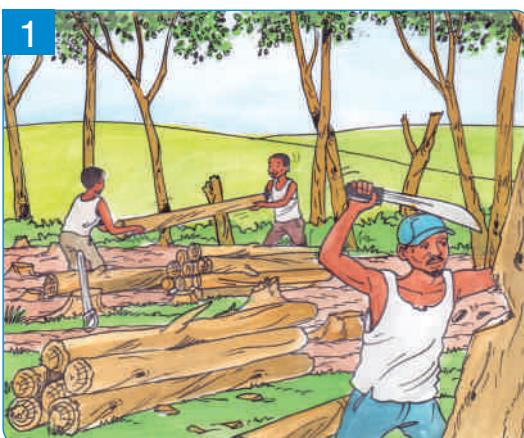
Umukoro

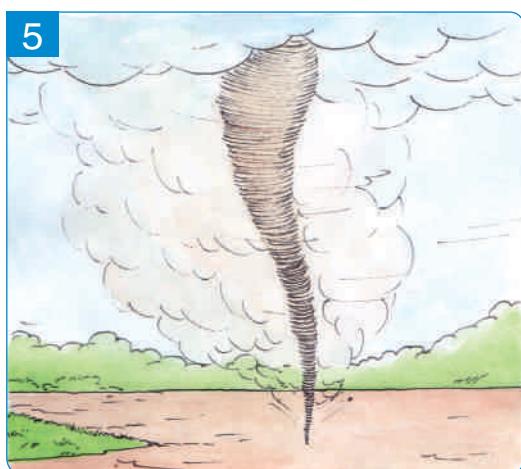
Ganira n'ababyeyi bawe ibibi by'inkangu.

Igikorwa cya 2

Gutandukanya ibitera isuri

- a. Itegereze amashusho 1, 2, 3, 4, 5 na 6 akurikira:





- b. Vuga ibikorwa bitera isuri bigaragara kuri aya mashusho.
- c. Ishusho ya 5 iragaragaza iki?
- d. Vuga ibantu byangijwe n'amazi y'imvura biri ku ishusho ya 4.

Mvumbuye ko:

Isuri iterwa n'ibi bikurikira:

- | | |
|---|--|
| <ul style="list-style-type: none"> - Gutema amashyamba - Gutwika amashyamba - Kuragira ku gasozi | <ul style="list-style-type: none"> - Gutwika imisozi - Umuyaga uhuha cyane - Amazi y'imvura |
|---|--|



Reka nisuzume



Ni gute nasobanura ibibi bya serwakira?



Nsuzuma ngusuzume

Wambajije ingaruka zo gutwika amashyamba, mbwira nange ingaruka zo gutema amashyamba yo ku misozi ihanamye?

Imyitozo



1. Sobanura ijambo "isuri".
2. Kuki tugomba kororera amatungo mu biraro?
3. Uzuza interuro zikurikira n'ijambo rikwiye:
 - a. Abantu bateza isuri batema__.
 - b. __ aragiwe ku gasozi avanaho ibintu byose bitwikiriye __ bigatuma iyo imvura iguye cyangwa __ uhushye bitwara ubutaka.
 - c. Abantu batwika __ bateza isuri.

Igikorwa cya 3

Gutandukanya uburyo bwo kurinda ubutaka isuri

- a. Itegereze amashusho 1, 2, 3, 4 na 5 akurikira:



- b. Vuga ibikorwa biri ku mashusho 1, 2, 3, 4 na 5.
- c. Sobanura akamaro k'ibikorwa bigaragara ku mashusho 1, 2, 3, 4 na 5.
- d. Ni ubuhe bwoko bw'ubwatsi uzi burinda ubutaka isuri?

Mvumbuye ko:

Kurinda ubutaka isuri ugomba gukora ibi bikurikira:

1. Guca amaterasi y'indinganire.
2. Gusasira ibihingwa.
3. Gutera ibyatsi birwanya isuri nka setariya, tiribusakumu, urubingo cyangwa vetiveri, ahantu hahanamye.
4. Gutera ibiti aho babitemye.

Umukoro

Iharike akarima gato maze urinde ubutaka bwako isuri.

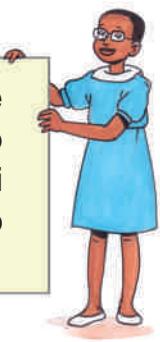
3. Isuzuma risoza umutwe wa 5

1. Subiza **YEGO** cyangwa **OYA**
 - a. Guca amaterasi y'indinganire birwanya isuri.
 - b. Si byiza gutera amashyamba ku misozi.
 - c. Kororera mu biraro bitera isuri.
 - d. Gutera ibiti bibana n'imyaka birinda isuri.
 - e. Ibitonyanga by'imvura bitera isuri.
 - f. Inkangu bivuga ahantu hahanamye.
 - g. Ibumba n'urusenyi si amoko y'ubutaka.
 - h. Gutwika amashyamba birinda isuri.
2. Vuga amoko y'ibiti cyangwa ibyatsi batera ku mirwanyasuri.
3. Usibye ubutaka, vuga ibindi bintu isuri yangiza.
4. Sobanura ijambo “inkangu”.
5. Vuga amoko y'isuri akunze kuboneka aho utuye.
6. Vuga ubundi buryo butari ku mashusho bukoreshwa mu kurinda ubutaka isuri.
7. Vuga akamaro ko gusasira imyaka.
8. Tanga ingero z'ibyatsi byamatungobihingwa mu gace utuyemo.
9. Erekana uburyo bukoreshwa bwo kurinda ubutaka isuri mu gace mutuyemo.

INYAMASWA



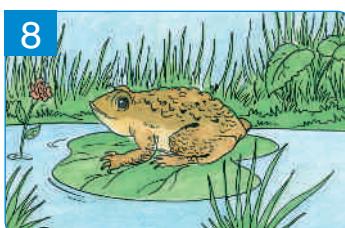
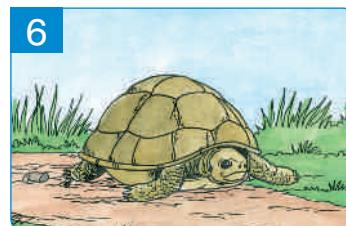
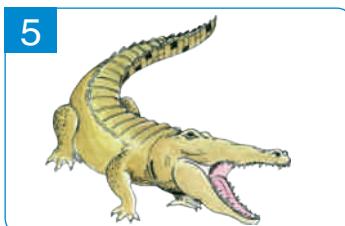
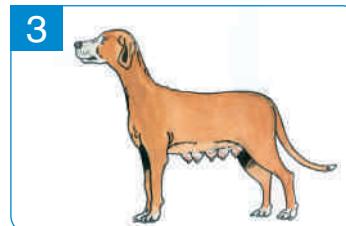
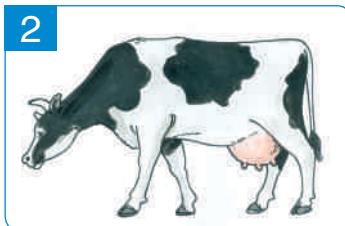
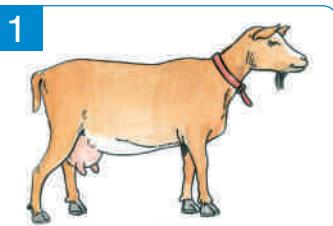
Numukobwa yagiye impaka na Munana umwe akavuga ko ingona, umuhovu n'umunyorogoto byose biteye kimwe kuko bigenda byikurura undi akavuga ko bitandukanye. Wakemura ute izo mpaka?



1. Inyamaswa zifite urutirigongo

Igikorwa cya 1

- a. Itegerezze amashusho 1, 2, 3, 4, 5, 6, 7, 8 na 9 akurikira:



- b. Vuga amazina y'inyamaswa witegereje ku mashusho.
- c. Sobanura icyo inyamaswa ziri ku mashusho zihuriyeho.
- d. Ifi, inzoka n'imitubu zigira amagufwa mu mibiri yazo?

Mvumbuye ko:

Inyamaswa zifite **urutirigongo** ni inyamaswa zifite **igikanka** (amagufwa) imbere mu mubiri.

Ingero: ihene, inka, imbwa, inzoka, ingona, akanyamasyo, igikona, inyoni, umutubu, igikeri, ifi n'ibindi.

2. Inyamaswa zidafite urutirigongo

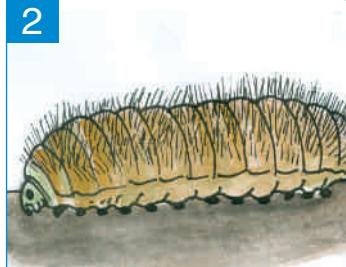
Igikorwa

- a. Itegereze amashusho 1, 2, 3, 4, 5 na 6 akurikira:

1



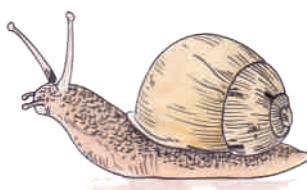
2



3



4



5



6



- b. Inyamaswa witegereje ku mashusho zihuriye ku ki?

Mvumbuye ko:

- Zimwe muri zo umubiri wazo ugabanyijemo ibice bitatu by'ingenzi: Umutwe, igihimba n'inda.
- Izindi umubiri wazo ugabanyijemo ibice bibiri by'ingenzi

Ingero: Uruguki, ikinyabwoya, ikinyugunyugu, ikinyamujonjorerwa, umunyorogoto, urutozi.

3. Isuzuma risoza umutwe wa 6

1. Vuga nyamaswa 2 zo mu gasozi zigira urutirigongo.
2. Vuga nibura nyamaswa 1 yororwa itagira urutirigongo.
3. Shyira buri nyamaswa mu mwanya wayo wuzuza imbonerahamwe ikurikira: imbaragasa, inka, umubu, intare, inzuki, imbwa, isazi, inkoko, ivubi, urukwavu, ijeri.

Izifite urutirigongo	Izidafite urutirigongo

4. Tanga ingero 4 kuri buri bwoko bw'nyamaswa:
 - a. Zifite urutirigongo
 - b. Zidafite urutirigongo
5. Mwitegerezze iyi mbonerahamwe mushyire akamenyetso ka ✓ imbere y'ibiri byo na × ahari ibitari byo.

Izifite urutirigongo	Izidafite urutirigongo
Umunyorogoto	Isazi
Inkende	Umukondo w'inyana
Urusamagwe	Impongo
Ivubi	Ijeri
Umuswa	Imbwa

6. Ca akaziga ku nyamaswa zidafite urutirigongo
 - a. Ivubi
 - b. Ikinyabwoya
 - c. Agasurira
 - d. Ifi
 - e. Urushishi
 - f. Intama
 - g. Ifuku
 - h. Urukwavu
 - i. Imiswa

IMIKAYA N'AMAGUFWA



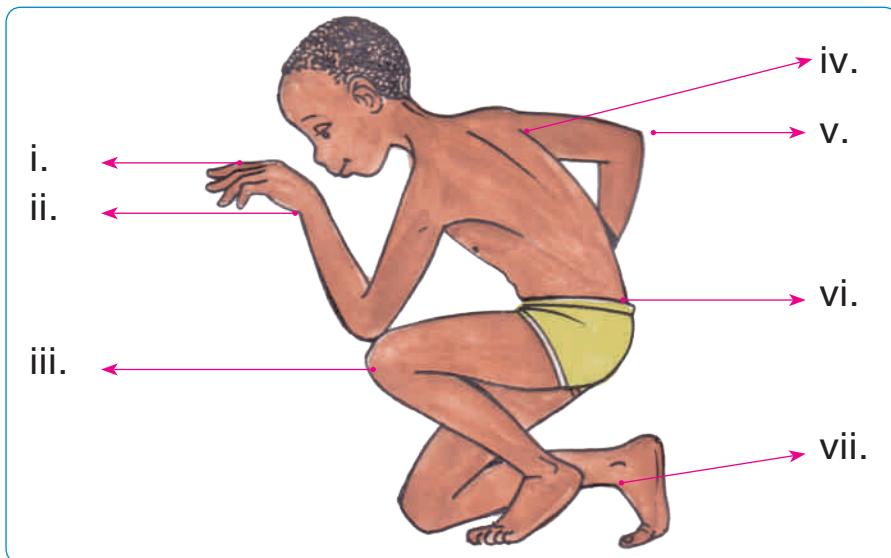
Amagufwa y'amaguru ya Kazungu ntabwo agororotse neza. Muganga yamusobanuriye ko indyo ituzuye ituma indwara zitandukanye zifata amagufwa y'umubiri w'umuntu zikayabuza no gukomera. Wowe se wamusobanurira iki?

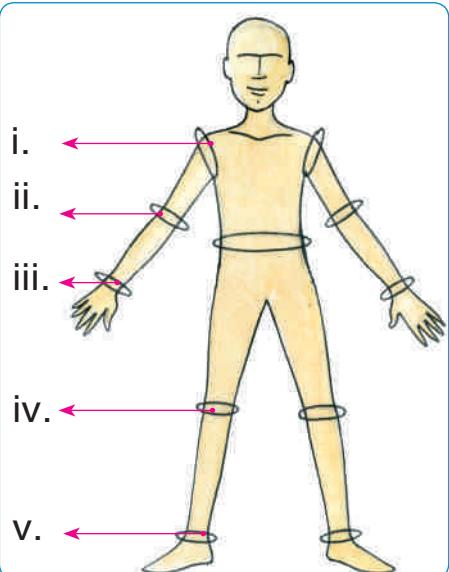
1. Ingingo z'umubiri w'umuntu

Igikorwa

Kwerekana aho iningo z'umubiri w'umuntu ziherereye

- Itegerezeye aya mashusho akurikira:





b. Vuga izina ry'aho amagufwa ahurira.

c. Vuga izina rya buri ngingo yerekanywe ku mashusho.

Mvumbuye ko:

Ingingo ari aho amagufwa ahurira.

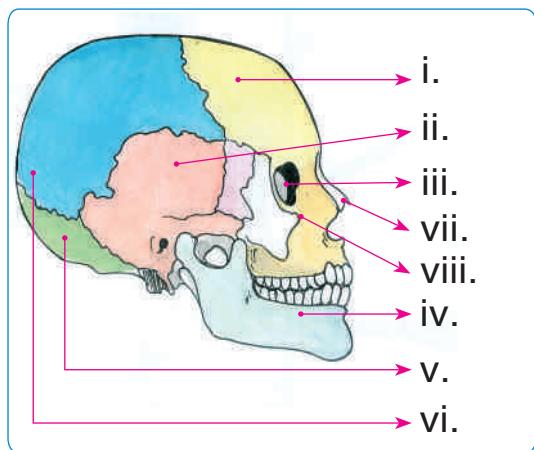
Ingingo	Aho ziherereye
Urutugu	Aho igufwa ry'ikizigira rihurira n'urwano.
Inkokora	Aho amagufwa y'irijyagikumwe n'irijyagahera ahurira n'igufwa ry'ikizigira
Inyonga y'itako	Aho igufwa ry'itako rihurira n'igufwa ry'amayunguyungu.
Ubujana bw'ikiganza	Aho amagufwa y'ikiganza ahurira n'amagufwa y'irijyagikumwe n'irijyagahera
Inkonji	Aho amagufwa y'intoki ahurira
Ivi	Aho amagufwa ya ruseke n'irijyagatsinsino ahurira n'igufwa ry'itako.
Inguge	Aho igufwa ry'akazindaro rihurira n'igufwa ry'akangamurizo.

2. Amagufwa y'umubiri w'umuntu

Igikorwa cya 1

Gutandukanya amagufwa y'umutwe

a. Itegereze iyi shusho ikurikira:



- b. Vuga igice cy'umubiri w'umuntu iyi shusho yerekana.
- c. Vuga izina rya buri gufwa iyi shusho yerekana.

Mvumbuye ko:

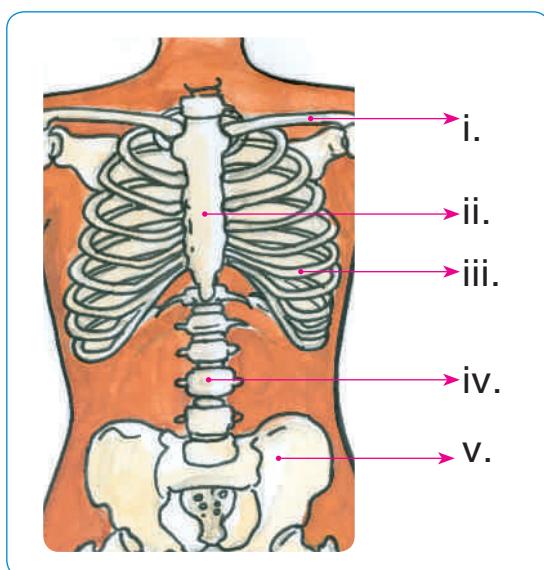
Umutwe w'umuntu ugizwe n'amagufwa y'ingenzi akurikira:

- **Igufwa ry'agahanga (i)**
- **Amagufwa abiri y'igitwariro/Amagufwa ya nyiramivumbi (vi)** ahereye ku mpande z'umutwe agahurira hagati yawo
- **Igufwa ry'impanga (v)** riherereye ahagana hejuru y'irugu (agatwe k'inyuma)
- **Igufwa ry'umusaya (ii)** (amagufwa yo mu misaya)
- Amagufwa agize **ibinogori by'amaso (iii)**
- Amagufwa y'amajigo (viii)
- **Amagufwa y'urwasaya (iv)**
- **Amagufwa y'izuru (vii)**

Igikorwa cya 2

Gutandukanya amagufwa y'igihimba

a. Itegereze iyi shusho ikurikira:



- b. Ni ikihe gice cy'umubiri w'umuntu iyi shusho yerekana?
- c. Vuga amazina y'amagufwa yerekanywe ku ishusho

Mvumbuye ko:

Iyi shusho yerekana igihimba cy'umubiri w'umuntu.

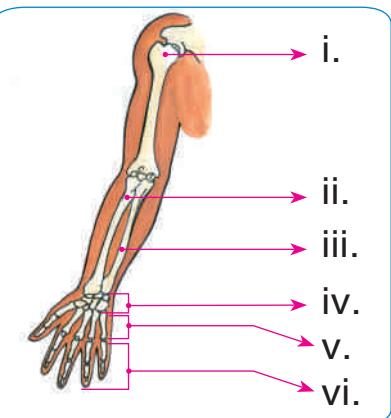
Amagufwa y'igihimba ari aya akurikira:

- Igufwa ry'urwano (i)
- Inkoro (ii)
- Amagufwa y'imbau (iii)
- Ingoro y'uruti rw'umugongo (iv)
- Igufwa ry'amayunguyungu (v)

Igikorwa cya 3

Gutandukanya amagufwa y'amaboko

a. Itegereze iyi shusho ikurikira:



- b. Amagufwa yerekanywe kuri iyi shusho witegereje ni ay'ikihe gice cy'umubiri w'umuntu?
- c. Amagufwa 2 ari hagati ya ii na iv yerekeza ku zihe ntoki?
- d. Vuga izina ry'amagufwa yerekanywe ku ishusho.

Mvumbuye ko:

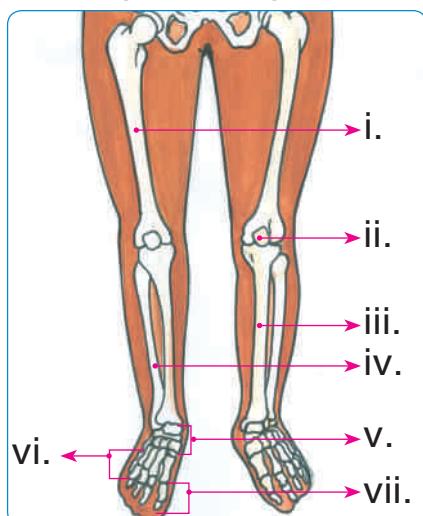
Akaboko kagizwe n'aya magufwa akurikira:

- Igufwa ry'ikizigira (i)
- Amagufwa y'intoki (vi)
- Iriiyagahera (iii)
- Amagufwa y'ubujana (iv)
- Amagufwa y'ikiganza (v)
- Iriiyagikumwe (ii)

Igikorwa cya 4

Gutandukanya amagufwa y'amaguru

a. Itegereze iyi shusho ikurikira:



- b. Amagufwa yerekanywe kuri iyi shusho witegereje ni ay'ikihe gice cy'umubiri w'umuntu?
- c. Vuga izina ry'igufwa risumba ayandi kuri iyi shusho?

Mvumbuye ko:

Amagufwa y'amaguru agizwe na:

- Igufwa ry'itako (i) • Ubujana bw'ikirenge (v)
- Ingasire y'ivi (ii) • Amagufwa y'ikirenge (vi)
- Ruseke (iii) • Amagufwa y'amano (vii)
- Iriiyagatsinsino (iv)

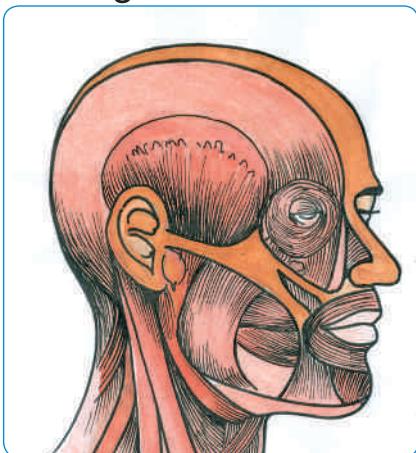
Ikitonderwa: Igufwa ry'itako ni ryo gufwa rirerire kurusha ayandi.

3. Imikaya y'umubiri w'umuntu

Igikorwa cya 1

Kuvumbura imikaya y'umutwe

a. Itegerezze ishusho ikurikira:



- b. Ni ikihe gice cy'umubiri w'umuntu ishusho yerekana?
- c. Ni iki gitwikiriye amagufwa y'umutwe kuri iyi shusho?
- d. Sobanura akamaro k'imikaya.

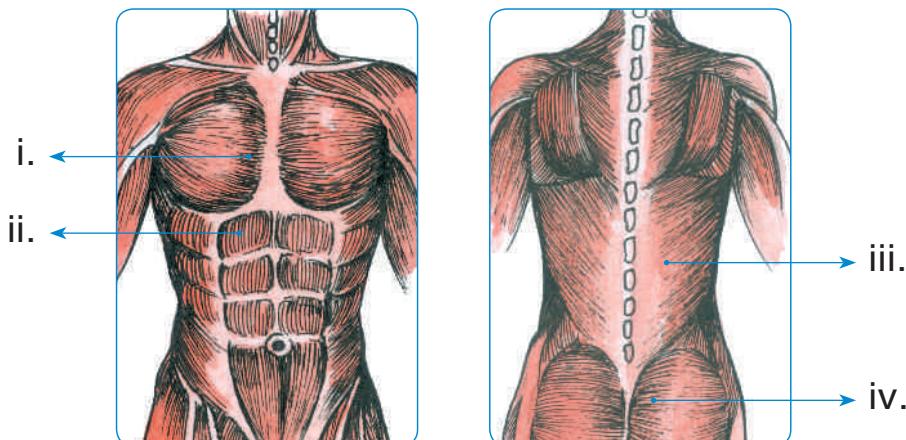
Mvumbuye ko:

- Amagufwa y'umutwe w'umuntu atwikiriwe n'imihore izwi ku izina ry'**imikaya**.
- **Imikaya** tuyisanga hose ku magufwa y'umutwe.
- **Imikaya** ni yo ituma ingingo zibasha kugira icyo zikora nko gufata, kugenda, gutterura, kwizunguza no guhina.

Igikorwa cya 2

Gutandukanya imikaya y'igihimba

- a. Itegerezze aya mashusho akurikira:



- b. Ni ikihe gice cy'umubiri w'umuntu aya mashusho yerekana?
- c. Vuga amazina y'imikaya igaragajwe n'ibimenyetso (i, ii, iii, iv).

Mvumbuye ko:

Igihimba cy'umubiri w'umuntu kigizwe n'imikaya y'ingenzi ikurikira:

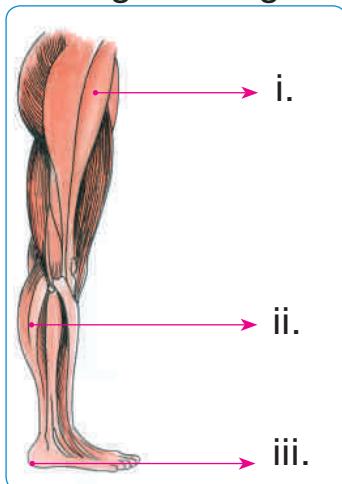
Umukamba w'inda, imikaya y'igituza, imikaya y'umugongo n'imikaya y'amabuno.

- **Imikaya y'igituza (i):** Igenzura imiyego y'igihimba cyo haruguru
- **Umukamba w'inda (ii):** Igenzura imiyego y'inda
- **Imikaya y'umugongo (iii):** Igenzura imiyego y'umugongo.
- **Imikaya y'amabuno (iv):** Ifasha umuntu kwicara

Igikorwa cya 3

Gutandukanya imikaya y'amaguru

a. Itegereze iyi shusho ikurikira:



- b. Ni ikihe gice cy'umubiri w'umuntu iyi shusho yerekana?
- c. Vuga amazina y'imikaya y'ingenzi ari kuri iyi shusho.

Mvumbuye ko:

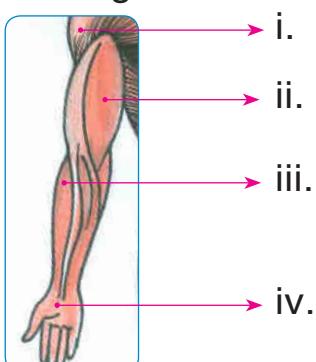
Akaguru kagizwe n'imikaya y'ingenzi ikurikira:

- Imikaya y'itako (I) (umuhore w'itako).
- Imfundiko (ii).
- Imikaya y'agatsinsino (iii).

Igikorwa cya 4

Gutandukanya mikaya y'amaboko

a. Itegereze ishusho ikurikira:



- b. Ni ikihe gice cy'umubiri w'umuntu iyi shusho yerekana?
- c. Vuga amazina y'imikaya y'ingenzi iri kuri iyi ishusho.

Mvumbuye ko:

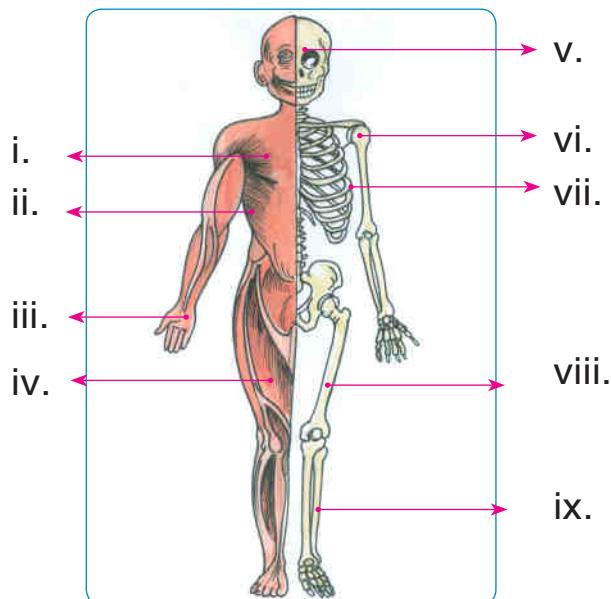
Akaboko kagizwe n'imikaya y'ingenzi ikurikira:

- Imikaya y'ikizigira (ii)
- Imikaya y'ukuboko (iii)
- Imikaya y'ikiganza (iv)
- Imikaya y'urushyi rw'ukuboko (i)

4. Isano iri hagati y'ingingo, imikaya n'amagufwa

Igikorwa

- a. Itegereze ishusho ikurikira:



- b. Vuga ibintu by'ingenzi byerekanywe kuri iyi shusho.
c. Sobanura isano iri hagati y'ibintu 3 by'ingenzi bigaragara kuri iyi shusho.

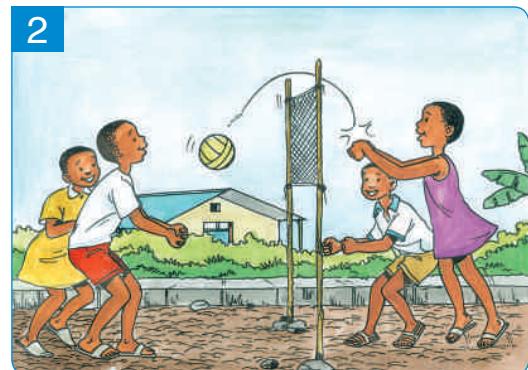
Mvumbuye ko:

Umubiri w'umuntu ugizwe n'amagufwa atuma ugira iforomo yawo. Ingingo ziri aho amagufwa atwikiriwe n'imihore ahurira mu mubiri.

5. Gufata neza ingingo, imikaya n'amagufwa

Igikorwa

- a. Itegereze amashusho 1 na 2 akurikira:



- b. Abana bari ku mashusho 1 na 2 bari gukora iki?
c. Sobanura akamaro k'imyitozo ngororamubiri ku muntu.

Mvumbuye ko:

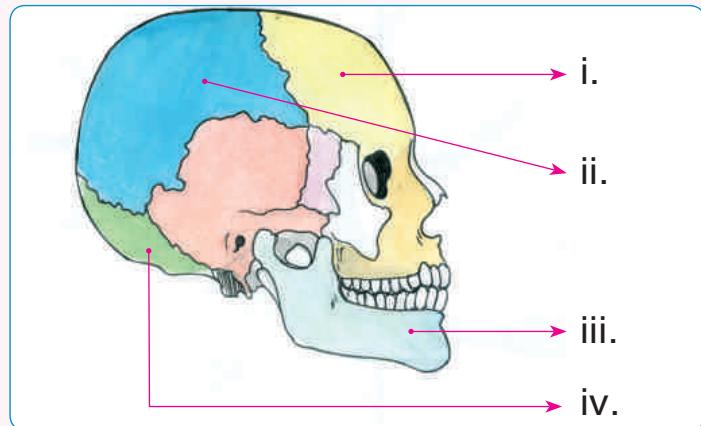
Gufata neza imikaya, ingingo n'amagufwa tugomba

- Gukora **imyitozo ngororamubiri**.
- Kurya **indyo yuzuye** irimo ibyubaka umubiri, ibitera imbaraga n'ibirinda indwara.

6. Isuzuma risoza umutwe wa 7

1. Uzurisha amagambo abura
 - a. Amagufwa y'igitwariro yitwa ____
 - b. ____ni ryo gufwa rirerire ry'igikanka cy'umuntu.
2. Wakora iki kugira ngo ufate neza ingingo, imikaya n'amagufwa by'umubiri wawe?
3. Vuga ingingo zose zigize akaguru k'umuntu.
4. Sobanura akamaro k'amagufwa.
5. Vuga amagufwa akikije amaso.

6. Andika amazina y'amagufwa yerekanywe:



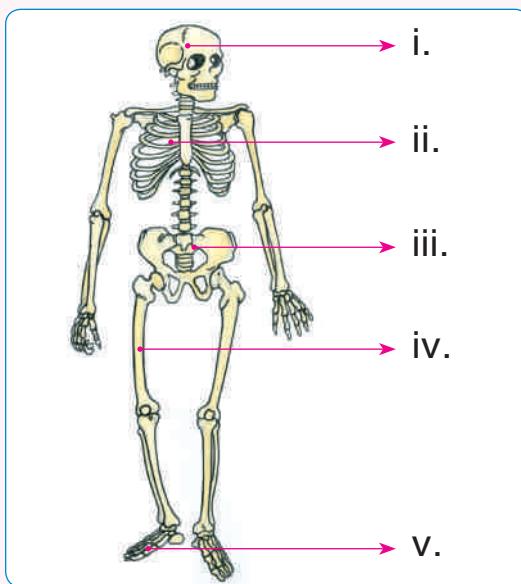
7. Amagufwa akurikira aherereye he?

- a. Igufwa ry'urutirigongo:
- b. Akanyamurizo:

8. Sobanura amagambo akurikira:

- a. Ingingo
- b. Nyiramivumbi

9. Itegerezze iki gikanka cy'amagufwa y'umuntu hanyuma ugishushanye maze wandike izina ku magufwa i, ii, iii, iv na v.



10. Vuga akamaro k'imikaya.

AMOKO Y'INGUFU



Kutamenya agaciro k'inkomoko y'ingufu zidukikije bituma izo ngufu zitabungwabungwa neza. Amashyamba arimburwa nta gahunda, amasoko y'amazi yangizwa hirya hino n'ibindi. Hakwiriye gukorwa iki?

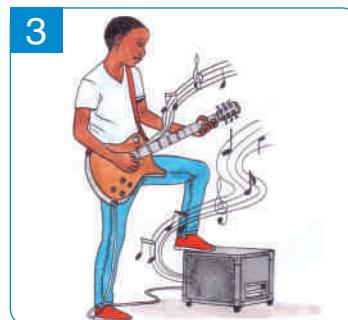
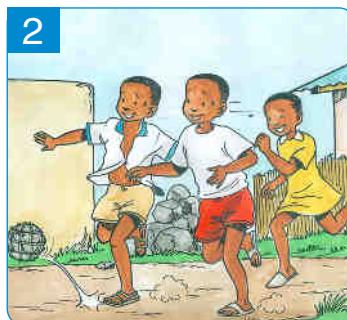


1. Igisobanuro k'ingufu

Igikorwa

Gusobanura ijambo “ingufu”

- a. Itegereze amashusho 1, 2, 3, 4, 5 n'iya 6 akurikira:



- b. Ni iki gituma ibikorwa biri ku mashusho bishoboka?
 - 1. Uriya mutaka ugiye kugurutswa n'iki?
 - 2. Imyenda yanitse yumishwa n'iki?
- c. Ni iki gifasha gukora ibi bikurikira:
 - 1. Guteka ibiryo bigashya?
 - 2. Gukina umupira?
- d. Hari andi moko y'ingufu atagaragaye ku mashusho witegereje? Yavuge.

Mvumbuye ko:

Ingifu ari ubushobozi bwo gukora umurimo.

urugero: – **Ingifu** zifasha mu miyego y'abantu n'ibantu.
– **Ingifu** zitanga urumuri, ubushyuhe n'ibindi.

2. Inkomoko z'ingifu

Igikorwa

Kurondora aho ingifu zikomoka

- a. Itegerezze amashusho 1, 2, 3, 4, 5 na 6 akurikira:



- b. Vuga amazina y'ibintu bitanga ingufu zikoreshwa mu guteka ibyo kurya.
- c. Tanga ingero z'ibintu bitanga ingufu zigendesha ibinyabiziga.
- d. Uretse ibitanga ingufu byagaragajwe ku mashusho, tanga ingero z'ibindi bintu uzi bitanga ingufu.

Mvumbuye ko:

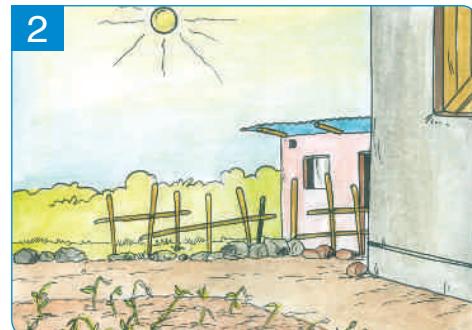
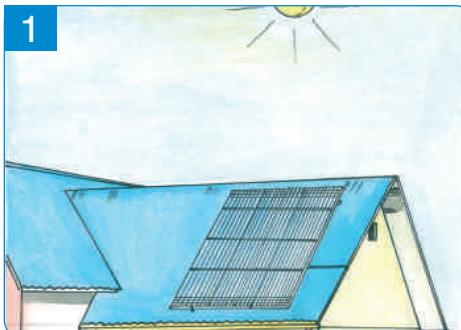
- Amakara, inkwi na gazi bitanga ubushyuhe buhisha ibyo kurya.
- Risansi na mazutu bitanga **ingufu zituma ibinyabiziga bigenda**.

3. Amoko y'ingufu n'ingero z'aho zikoreshwa

Igikorwa cya 1

Gutandukanya amoko y'ingufu

- a. Itegereze amashusho 1, 2, 3 na 4 akurikira:



- b. Ni izihe ngufu zikoreshwa mu bikorwa amashusho yerekana?
- c. Sobanura inkomoko y'urumuri rugaragara ku mashusho.
- d. Usibye izuba, hari ibindi bintu uzi bishobora gutanga urumuri?
- e. Ingifu zikomoka ku zuba zimara iki?

Mvumbuye ko:

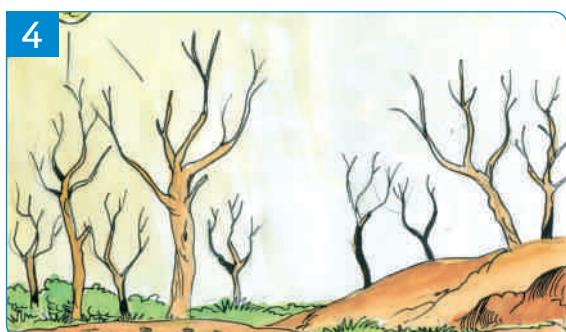
Ingifu zituruka ku mirasire y'izuba, zitanga urumuri n'ubushyuhe. Urumuri n'ubushyuhe bikomoka ku zuba bidufasha muri ibi bikurikira:

- Kumisha imyenda
- Gutanga amashanyarazi
- Gufasha ibimera gukura neza

Igikorwa cya 2

Gusobanura inkomoko y'ubushyuhe

- a. Itegerezze amashusho 1, 2, 3 na 4 akurikira:



- Ni izihe ngufu zikoreshwa mu bikorwa bigaragara ku mashusho 1, 2, 3 na 4?
- Ingufu z'ibikorwa bigaragara mu mashusho zikomoka he?
- Kuki ibimera byo ku ishusho ya 4 byumye?

Mvumbuye ko:

Ubushyuhe ari ingufu zituruka ku zuba, ku mashanyarazi no ku bicanwa. Ubushyuhe budufasha kotsa ibigori, guteka, gutera ipasi n'ibindi. **Ikitonderwa: Ubushyuhe** bukomoka ku zuba iyo bubaye bwinshi, butera amapfa.

Igikorwa cya 3

Kurondora ibikoresho bitanga ijwi

- Itegerezze amashusho 1 na 2 akurikira:



- Ni ubuhe bwoko bw'ingufu amashusho 1 na 2 atwibutsa?
- abantu bari ku ishusho ya kabiri bari gukora iki?
- Vuga ibikoresho by'umuziki amashusho 1 na 2 yerekana.
- Sobanura itandukaniro riri hagati y'ijwi n'urusaku.

Mvumbuye ko:

- Ubwoko bw'ingufu buri ku mashusho ari **ijwi**.
- Ijwi** ni ingufu twumvisha amatwi.
- Indangururamajwi n'ibikoresho by'umuziki, bigeza ijwi kure.
- Urusaku ni uruhurirane rw'amajwi menshi adafite injyana.
- Indangururamajwi iyo iri kuvuga iratigita.



Reka nisuzume



Mu gihe k'ikiruhuko mu ijwi riranguruye ndabwira abanyeshuri bose biga mu mwaka wa gatatu ko: "Uyu munsi ari twe dutoragura imyanda" ahakikije ikigo cyacu.

Igikorwa cya 4

Gusobanura akamaro k'amashanyarazi

- a. Itegereze amashusho 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 na 11 akurikira:



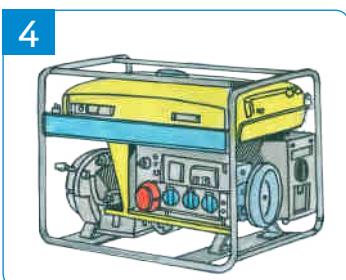
1



2



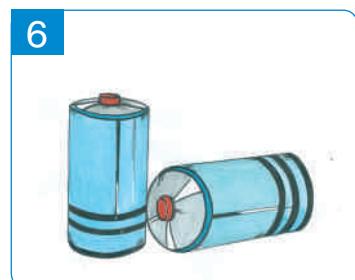
3



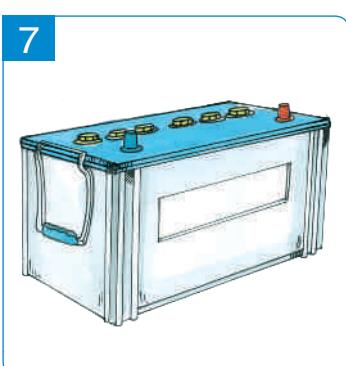
4



5



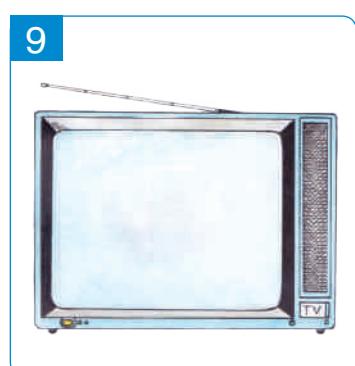
6



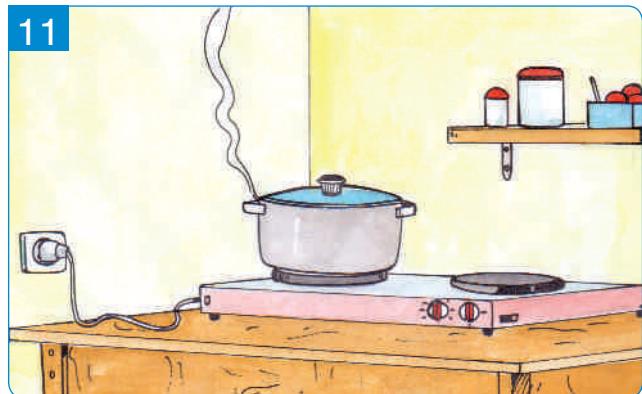
7



8



9



- d. Ni ubuhe bwoko bw'ingufu usanga ku bikorwa biri ku mashusho 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 na 11?
- c. Vuga amazina y'ibikoresho wabonye kuri aya mashusho.

Mvumbuye ko:

Amashanyarazi ari ingufu zitanga urumuri kandi zigatuma ibikoresho bitandukanye bikora.

Urugero: radiyo, tereviziyo, mudasobwa, imashini zo mu nganda n'ibindi.

Igikorwa cya 5

Gusobanura akamaro k'umuyaga

- a. Itegereze amashusho 1, 2 na 3 akurikira:



3



b. Ni ubuhe bwoko bw'ingufu amashusho atwereka?

Mvumbuye ko:

Umuyaga ari **ingufu**:

- zitanga amashanyarazi
- zifatisha imbabura
- zumisha imyenda

Umukoro

Nugera mu rugo ukore ibi bikurikira:

Gushyira ibishyimbo ku nkoko ubigosore maze
usobanure uko byagenze.

Igikorwa cya 6

Gusobanura akamaro k'ingufu z'ubumara/ubutabire

a. Mwitegerezze amashusho 1, 2, 3 na 4 akurikira.

1



2



2



- b. Ni izihe ngufu zikoreshwa mu bikorwa aya mashusho atwereka?
- c. Kugira ngo amata y'inshyushyu ahinduke ikivuguto bigenda bite?
- d. Kuki bashyira ifu y'amasaka mu mutobe?

Mvumbuye ko:

Ingifu **z'ubumara/ ubutabire** zigaragara iyo ibintubihindutsemo ibindi. **Urugero:**

- Kuvura kw'amata y'inshyushyu agahinduka ikivuguto.
- Guhinduka urwagwa k'umutobe.
- Guhinduka ikigage kw'igikoma.

Igikorwa cya 7

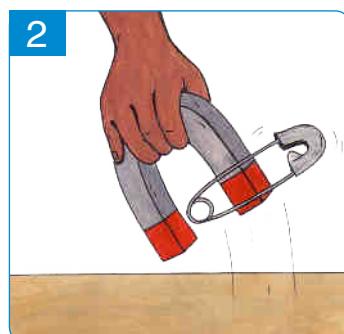
Gusobanura uko ingifu za rukuruzi zikora

- a. Itegerezze amashusho 1 na 2 akurikira:

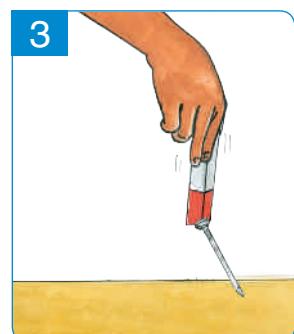
1



2



3



- b. Ni izihe ngufu zigaragara ku mashusho zikoreshwa mu gufata biriya bikoresho?
- c. Ni ibihe bikoresho biri ku mashusho byakuruwe na rukuruzi? Kubera iki?
- d. Vuga bikoresho biri ku mashusho bitakuruwe na rukuruzi.

Mvumbuye ko:

- **Rukuruzi ari** ingufu zishobora gukurura ibyuma bikoze mu butare.
- Rukuruzi ntikurura ibintu n'ibyuma bitarimo ubutare.



Reka nisuzume



Ni ibihe bikoresho dufite iwacu cyangwa ku ishuri ryacu bishobora gukururwa na rukuruzi?

Umwitozo



Fata rukuruzi uyikoze ku bintu bikurikira:

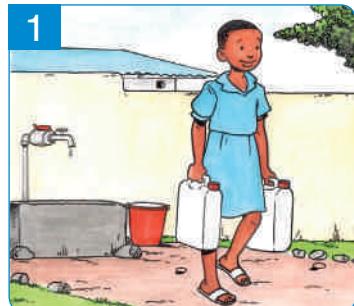
- | | | |
|------------|-----------------------|-------------|
| - Igiceri | - Urushinge | - Umusumari |
| - Igikwasi | - Agafashi k'impapuro | |

Sobanura uko wabibonye.

Igikorwa cya 8

Gutandukanya amoko y'imiyego y'ibintu

a. Itegerezze amashusho 1, 2, 3, 4, 5 na 6 akurikira:



- b. Ni ubuhe bwoko bw'ingufu zigaragazwa ku bikorwa biri ku mashusho 1, 2, 3, 4, 5 na 6?

Mvumbuye ko:

- Ibantu byimuwe mu mwanya byarimo.
- Ingufu zimura ibantu mu mwanya byarimo zitwa **imiyego y'ibantu. Ingero:**
- Guterura utujerekani
- Gusunika ingorofani
- Kunyonga igare
- Guterura isuka uhinga

Umukoro

Nugera mu rugo uterure akajerekani ka litiro 5 ukoresheje akaboko kamwe. Kikorere ku mutwe maze uzabwire bagenzi bawe icyo bisaba kugira ngo ukore icyo gikorwa.

8. Isuzuma risoza umutwe wa 8

1. Ingufu ni iki?
2. Ni ayahe moko y'ingufu uzi?
3. Tanga ingero 2 z'aho ingufu zikurikira zikoreshwa:
 - a. Rukuruzi
 - b. Ubumara/ubutabire
 - c. Umuyaga
 - d. Amashanyarazi
 - e. Ijwi
 - f. Ubushyuhe
 - g. Urumuri rw'izuba
4. Erekana uwoko bw'ingufu bukoreshwa iyo umuntu akora ibantu bikurikira:
 - a. Kwumisha imyenda itose
 - b. Gutera ipasi
 - c. Kugosora amasaka
 - d. Guteka amandazi
 - e. Gusunika igare ripakiye
 - f. Kuvuza ingoma
5. Vuga ibantu ubona ku ishuri bitanga ingufu.
6. Ni ibihe bintu biboneka aho mutuye bitanga ingufu?
7. Vuga akamaro k'ingufu.
8. Tanga ingero 4 z'ibantu bitanga ingufu.
9. Vuga akamaro k'ingufu z'umuyaga.

AMASHANYARAZI



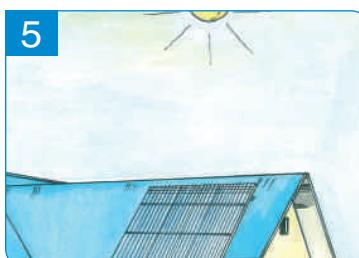
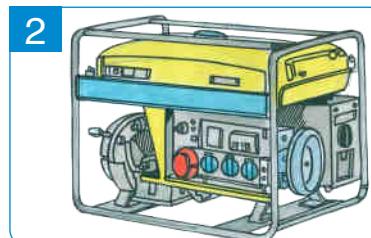
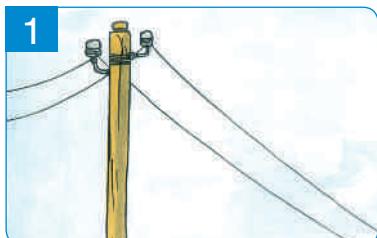
Mu cyaro amashanyarazi yageze ku baturage bake. Birasaba kubafasha kugera ku kazi kanoze bakoresha amashanyarazi mu buzima bwabo bwa buri munsi.

1. Igisobanuro cy'amashanyarazi

Igikorwa cya 1

Gusobanura ijambo “amashanyarazi”

- a. Itegerezze amashusho 1, 2, 3, 4 na 5 akurikira.



- b. Ni ibihe bikoresho bibyara amashanyarazi wabonye ku mashusho?

Mvumbuye ko:

- **Amashanyarazi** ari ingufu zibyarwa n'ukwikeraga kw'ibyuma biri mu nda ya moteri, zikanyura mu nsinga.

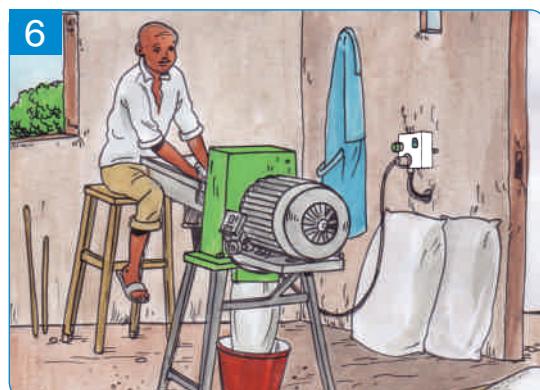
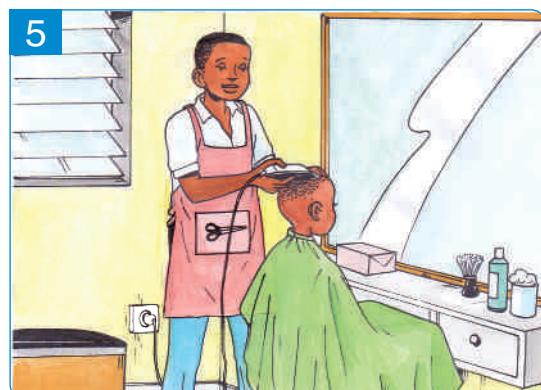
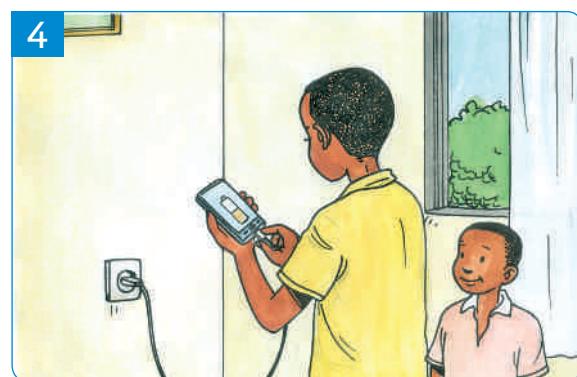
- **Amashanyarazi** ni ingufu zishobora kubyarwa n'uguhindurwa kw'imirasire y'izuba n'ibindi.

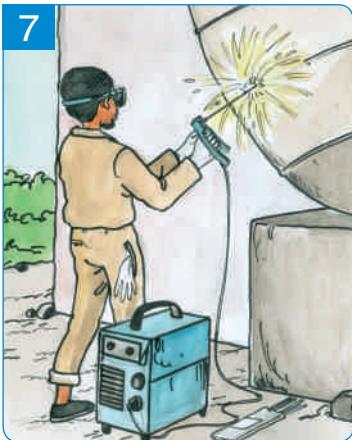
2. Akamaro k'amashanyarazi

Igikorwa cya 2

Kurondora akamaro k'amashanyarazi

a. Itegereze amashusho 1, 2, 3, 4, 5, 6, 7 n'iya 8 akurikira:





- b. Sesengura ibyo amashusho 1, 2, 3, 4, 5, 6, 7 na 8 yerekana.
- b. Sobanura akamaro k'amashanyarazi kagaragara ku mashusho.
- c. Uretse ibyagaragajwe ku mashusho, vuga akandi kamaro k'amashanyarazi uzi.

Mvumbuye ko:

Amashanyarazi adufasha gukora akazi kanoze mu mirimo itandukanye:

- a. Guteka ibyo kurya ku ishyiga ry'amashanyarazi.
- b. Kugorora imyambaro.
- c. Kumesa imyenda.
- d. Gusharija terefoni, mudasobwa, itoroshi n'ibindi.
- e. Kogosha.
- f. Gusya ibinyampeke.
- g. Gusudira ibyuma.
- h. Amashanyarazi ni yo atuma ibikoresho nka mudasobwa, radiyo, tereviziyo, ibikoresho by'umuziki n'ibindi bikora.
- i. Amashanyarazi adufasha gukora akazi kanoze amasaha yose.

Imyitozo



1. Amashanyarazi amariye iki abantu?
2. Tanga ingero 4 z'ibintu bikoresha amashanyarazi.



Nsuzuma ngusuzume

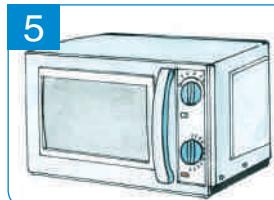
- a. Iwanyu amashanyarazi abamariye iki?
- b. Ku ishuri amashanyarazi atumariye iki?

3. Ibikoresho bikoresha amashanyarazi

Igikorwa

Kurondora ibikoresho by'amashanyarazi

- a. Itegerezze amashusho 1, 2, 3, 4, 5, 6, 7 na 8 akurikira:



- b. Rondora ibikoresho amashusho yerekana bikoresha amashanyarazi.
- c. Vuga ibindi bikoresho uzi bikoresha amashanyarazi bitagaragaye ku mashusho.

Mvumbuye ko:

Ibikoresho bikoresha amashanyarazi harimo ibi bikurikira:

- a. Imashini zisokoza n'izogosha imisatsi
- b. Imashini ishyushya amazi
- c. Akamashini gashyushya ibiribwa
- d. Tereviziyo
- e. Mudasobwa
- f. Imashini isudira
- g. Imashini ikata umugati
- h. Imashini isya imyaka n'ibindi

Umwitoto



Vuga ibikoresho bikoresha amashanyarazi mutunze iwanyu.



Reka nisuzume



Ni ikihe gikoresho gikoresha amashanyarazi nzi gukoresha?



Nsuzuma ngusuzume

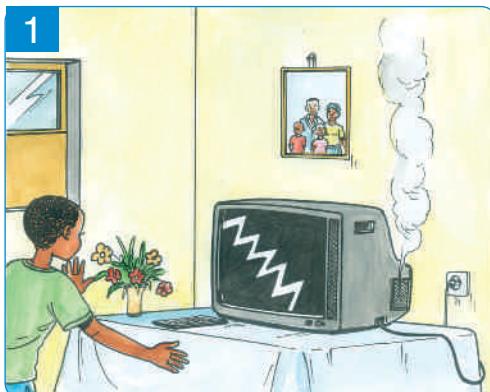
1. Vuga ibikoresho bikoresha amashanyarazi biboneka ku kigo twigaho.
2. Nsobanurira impamvu bacomeka ipasi mbere yo kuyikoresha.
3. Mbwira uko bigenda iyo umuriro w'amashanyarazi ubuze wumvaga iradiyo icometse ku mashanyarazi.

4. Ibyago bikomoka ku mashanyarazi

Igikorwa

Kurondora ibyago bikomoka ku mashanyarazi

a. Itegereze amashusho 1 na 2 akurikira:



- b. Sesengura ibikorwa bigaragazwa n'amashusho 1 na 2.
- c. Vuga ibyago wabonye byatewe n'amashanyarazi ku mashusho.
- c. Vuga ibindi byago biterwa n'amashanyarazi bitagaragaye ku mashusho.

Mvumbuye ko:

Ibyago bikomoka ku mashanyarazi ari ibi bikurikira:

- Gutwika/kwangiza ibikoresho bikoreshwa n'amashanyarazi.
- Gutwika inzu n'ibiyirimo
- Gukubitwa/gufatwa/kwicwa n'umuriro w'amashanyarazi.



Nsuzuma ngusuzume

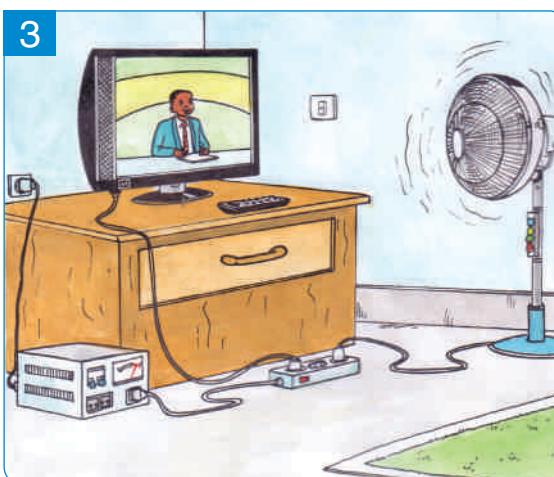
Mbwira ibibi by'amashanyarazi nange nkubwire ibyiza byayo.

5. Uburyo bwo kwirinda ibyago bikomoka ku mashanyarazi

Igikorwa

Kugaragaza uburyo bwo kwirinda ibyago bikomoka ku mashanyarazi

- a. Mwitegerezze amashusho 1, 2, 3, 4 na 5 akurikira:



- b. Ni ubuhe buryo bwo kwirinda ibyago bikomoka ku mashanyarazi bugaragara ku mashusho?
- c. Ni ibihe bikorwa byateza ibyago bikomoka ku mashanyarazi bigaragara ku mashusho?

Mvumbuye ko:

1. Kizira:
 - Kwinjiza ibyuma cyangwa ibiti muri purize.
 - Kurira amapironi y'amashanyarazi.
 - Gukora ku nkono iri ku ishyiga ry'amashanyarazi utambaye inkweto.
2. Buri gikoresho gikoreshwa n'amashanyarazi gicomekwa ku mashini iringaniza umuriro.

Imyitozo



1. Sobanura uko wakwirinda ibyago bikomoka ku mashanyarazi.
2. Kuki tugomba kwirinda gukubaganya insinga z'amashanyarazi?
3. Ca akaziga ku myitwarire myiza
 - a. Gucomeka igikoresho ku mashanyarazi n'intoki zitose.
 - b. Gucomokora ipasi ku mashanyarazi umaze kuyikoresha.
 - c. Kwitabira kuri terefoni icometse ku mashanyarazi.
 - d. Gukinisha Purize.
 - e. Gukata umugozi wa terefoni icometse ku mashanyarazi.



Reka nisuzume



- a. Amashanyarazi dukoresha anyura mu n'iki?
- b. Kuki ngomba kwirinda gukinisha insinga zitwara umuriro w'amashanyarazi?



Nsuzuma ngusuzume

Hitamo ibikorwa **bibi** mpitemo **ibyiza** tubyandike.

- Gucana amatara y'umuriro w'amashanyarazi ukoresha intoki zitose.
- Gucokoza insinga zifite umuriro w'amashanyarazi.
- Kurira ibiti bisaranganya amashanyarazi.
- Gucomokora igikoresho ku mashanyarazi ubanje kuzimya umuriro winjiramo.

6. Isuzuma risoza umutwe wa 9

- Sobanura ijambo "amashanyarazi".
- Shyira akamenyetso ka ✓ ku bikoresho bikoresha amashanyarazi na × ku bidakoresha amashanyarazi
 - Imbabura
 - Ipasi y'umuriro
 - Ingorofani
 - Terefoni
 - Imashini isudira
 - Firigo
 - Imashini ikata ibyatsi
 - Mudasobwa
 - Konteri y'amashanyarazi
- Vuga uburyo 2 bwo kwirinda ibyago bituruka ku mashanyarazi.
- Vuga akamaro k'amashanyarazi.
- Tahura amagambo
ari muri iki kinyatuzu
afitanye isano
n'amashanyarazi:

g	u	c	o	m	e	k	a
u	m	u	r	i	r	o	m
c	u	m	o	a	t	s	a
a	k	u	z	i	m	a	t
n	w	r	a	d	i	y	o
a	e	i	t	a	r	a	r
u	r	u	m	u	r	i	o
i	k	i	z	i	m	a	s
n	k	w	a	k	a	d	h
k	u	z	i	m	y	a	i

- Vuga ibikoresho 4 uzi bikoreswa n'amashanyarazi.
- Vuga ibyago 2 bikomoka ku mashanyarazi.



Umuryango wa Yohana wishyura amafaranga y'ishuri ry'abana ari uko wagurishije ubutare. Ubutare buseye bwa Yohana, bwamenetse ku mbuga y'urusekabuye. Yohana yayobewe uko yavangura urusekabuye n'ubutare. Wamufasha iki?

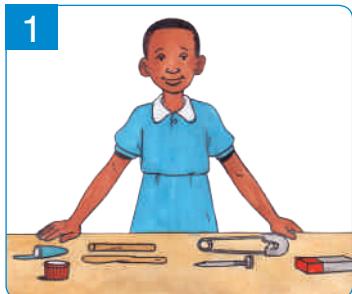


1. Igisobanuro cya rukuruzi

Igikorwa

Gusobanura ijambo “Rukuruzi”

- a. Itegereze amashusho 1, 2 na 3 akurikira:



- b. Vuga amazina y'ibyo witegereje ku mashusho.
c. Ni iki gifashe igikwasi ku ishusho ya 3?

Mvumbuye ko:

Rukuruzi (Sumaku) ari igikoresho gifite ubushobozi bwo gukurura **ubutare** n'ibindi bikoresho byose bikoze mu butare.

2. Ingufu za rukuruzi n'ibiziranga

Igikorwa

Gutandukanya ibiranga ingufu za Rukuruzi

- a. Itegereze amashusho 1, 2, 3 na 4 akurikira:

1



2



3



4



- b. Sobanura ibigaragara ku ishusho 1, 2, 3 na 4:
c. Ni ryari rukuruzi zikururana cyangwa zisunikana?
d. Ese ingufu za rukuruzi zambukiranya urupapuro?

Mvumbuye ko:

1. Rukuruzi **zikururana** iyo imitwe itandukanye yegeranye.
2. Rukuruzi **zirasunikana** iyo imitwe isa yegeranye.
3. Ingufu za rukuruzi zambukiranya ibindi bikoresho bikoze mu mpapuro, mu kirahure, mu rubaho no muri parasitiki.

Imujitizo



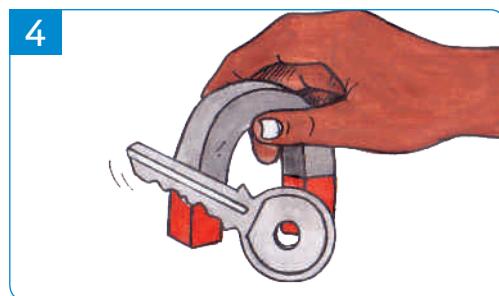
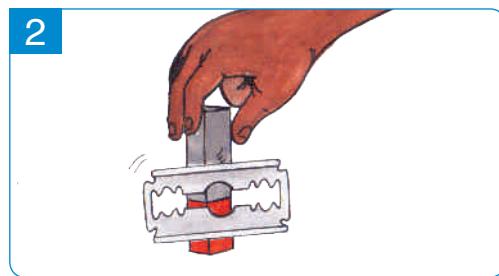
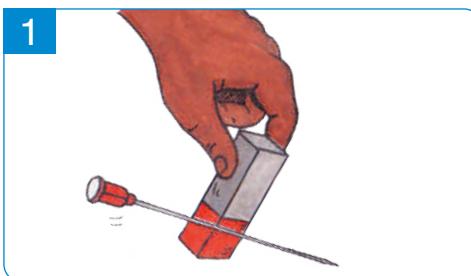
- Fata rukuruzi. Yegereze hejuru y'ibiceri by'amafaranga cyangwa utundi tuntu dukoze mu butare maze uvuge uko byagenze.
- Fata rukuruzi ebyiri, uhuze imitwe yazo isa maze uvuge uko bigenze.
- Fata rukuruzi ebyiri, huza imitwe yazo idasa uvuge uko bigenze.
- Fata rukuruzi, uyifunge mu rupapuro maze uyegereze hejuru y'udusumari, ibiceri n'utundi tuntu dukoze mu butare uvuge uko bigenze.

3. Ibikoresho bikururwa na rukuruzi

Igikorwa cya 1

Kurondora ibikoresho bikururwa na rukuruzi

- Itegerezze amashusho 1, 2, 3, 4, 5 na 6 akurikira:



- Rondora ibintu bikururwa na rukuruzi biri kuri aya mashusho.
- Ibikoresho byagaragajwe ku mashusho bihuriye kuki?

Mvumbuye ko:

Rukuruzi ikurura ibikoresho byose bikozwe mu butare.

Ingero:

Urukero, inshinge, urwembe, ibikwasi, imfunguzo n'ibindi.

Umwitoto



Fata ibiceri, udusumari, udufashi tw'impapuro, imfunguzo, inshinge, ibikwasi, inzembe ubikozezo rukuruzi (sumaku) witegerezze uvuge uko bigenda.



Reka nisuzume



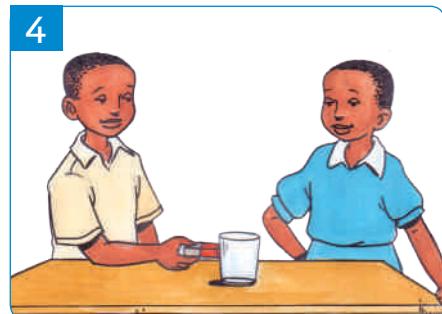
Twavumbuye ko ibikoresho bikururwa na rukuruzi bikoze mu ki?

4. Ibikoresho bidakururwa na rukuruzi

Igikorwa

Kurondora ibikoresho bidakururwa na rukuruzi

a. Itegerezze amashusho 1, 2, 3 na 4 akurikira:



- b. Rondora ibintu bidakururwa na rukuruzi biri ku mashusho.

Mvumbuye ko:

Rukuruzi idakurura ibikoresho bidakoze mu butare cyangwa bidafite ubutare.

Ingero z'ibikoresho bidakururwa na rukuruzi: Ibikozwe muri parasitiki, mu biti, mu birahuri, mu mpapuro no mu bindi byuma bitarimo ubutare.

Imyitozo



- a. Fata akarati k'igitu n'uduti utwegereze rukuruzi. Vuga uko bigenze.
- b. Fata udufuniko tw'amakaramu n'udufuniko tw'amacupa ya purasitiki ubyegereze rukuruzi maze uvuge uko bigenze.
- c. Fata amakaramu n'ibindi bikoze mu kirahure ubyegereze rukuruzi maze uvuge uko bigenze.

5. Ibibi by'ingufu za rukuruzi

Igikorwa

Gusesengura ibibi by'ingufu za rukuruzi

Soma inkuru ikurikira maze usubize ibibazo.

Bahenda na Mariza ni abacuranzi babigize umwuga. Umunsi umwe Bahenda yagiye gucurangira umuryango wari wagize umunsi mukuru. Agezeyo ashyira CD, DVD na furashi kuri bafure nini ajya guvana imashini itanga umuriro.

Agarutse yafashe CD ibitseho indirimbo z'ibirori, ayishyira muri mudasobwa. Ashatse indirimbo arazibura. Arebye kuri furashi asanga nta kintu kiriho biramuyobera.

Mariza yumvise ko CD, DVD na Furashi byarambitswe kuri bafure amenya ko ibyariho byose byasibwe na Rukuruzi iba muri bafure.

Ibibazo ku nkuru

1. Iyi nkuru iravuga ku ki ?
2. Vuga ibikoresho byangizwa na rukuruzi biri mu nkuru.
3. Ni ibihe bikoresho bindi uzi bitari mu mwandiko byangizwa na rukuruzi?

Mvumbuye ko:

Rukuruzi (Sumaku) yangiza: CD (Sede), DVD (Dividi) flash disk (Furashi disiki) n'ibindi.



Reka nisuzume



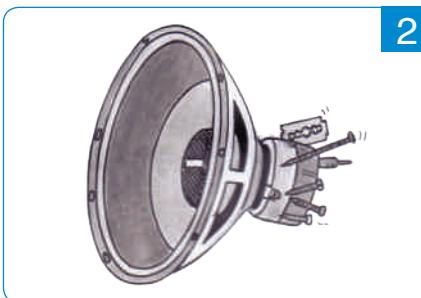
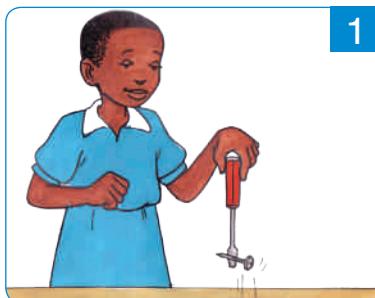
Ni ibihe bikoresho bishobora kwangizwa na rukuruzi (sumaku) biri iwacu mu rugo cyangwa biboneka ku ishuri ryacu?

6. Ibikoresho bikora nka rukuruzi

Igikorwa

Kurondora ibikoresho bikora nka rukuruzi

- a. Itegerezze aya mashusho akurikira:



- b. Ishusho ya 1 iriho iki? c. Ishusho ya 2 iriho iki?
d. Vuga ibintu bifashe ku gikoresho kiri ku ishusho ya 2.

Mvumbuye ko:

Ibikoresho bikora nka rukuruzi ari:

- Utwuma dufungura amavisi,
- Mikoro ya radiyo, indangururamajwi n'ibindi

7. Isuzuma risoza umutwe wa 10

1. Sobanura ijambo “rukuruzi (sumaku)”
2. Uzuza imbonerahamwe ikurikira ukoreshheje ibikoresho bikurikira:
amakaramu, udufashi tw'impapuro, ikibiriti, umusumari, ikaramu y'igit, imfunguzo, igikwasi, urwembe, agati, impapuro, umwenda, ibikoresho bikoze mu ibumba, urushinge, ibikoresho bikoze muri purasitiki, ibikoresho bikoze mu kirahuri, ibishyimbo, inzuma.

Ibikururwa na rukuruzi	Ibidakururwa na rukuruzi

3. Vuga itandukaniro riri hagati y'ibikoresho bikora nka rukuruzi n'ibikoresho bidakora nka rukuruzi.
4. Tanga ingero 4 kuri buri bwoko bw'ibikoresho bikurikira:
 - a. Ibikoresho bikururwa na rukuruzi _____
 - b. Ibikoresho bidakururwa na rukuruzi _____
5. Uzuza interuro ikurikira ukoreshheje ijambo rikwiye:
_____ ni igikoresho gifite ubushobozzi bwo gukurura ubutare cyangwa ibindi bikoresho bikoze mu butare.
6. Tanga ingero 2 z'ibikoresho bikora nka rukuruzi.
7. Ni ubuhe bwoko bw'ibikoresho ingufu za rukuruzi zishobora kwambukiranya zigafata ubutare cyangwa ibindi bikoresho birimo ubutare?
8. Tanga ingero z'ibikoresho 2 byangizwa na rukuruzi.
9. Tanga ingero z'ibikoresho bibamo rukuruzi (sumaku).

11. Isuzuma risoza umwaka wa gatatu

1. Wifashishije urushinge, ibitambaro n'urudodo kora igihanaguzo cyo guhanagura ikibaho.
2. Boha imfubikajosi mu mboho bufuro cyangwa nzirimwe ugeze kuri cm10 z'uburebure.
3. Boha agasambi mu bwatsi cyangwa mu birere gafite cm 10 kuri cm 10.
4. Boha imvumba ukoresheje ibirere ifite cm 10 z'ubuhagarike.
5. Sobanura muri make uko wakora kare mu mpapuro cyangwa mu bikarito.
6. Kora urukiramende na mpandeshatu mu mpapuro cyangwa mu bikarito uzimanike mu cyumba cyawe .
7. Bumba akabindi gato.
8. Kora imodoka mu mikwege uge uyikinisha mu kiruhuko.
9. Oherereza inshuti zawe ubutumwa bugufi uztumira mu munsi mukuru w'amavuko yawe.
10. Reba muri terefoni ubike inomero udasanganwe zose zuguhamagaye.
11. Koresha indangururamajwi uhamagare bagenzi bawe bari mu kibuga bakina baze binjire mu ishuri.
12. Koresha terefoni ufate amashusho n'amajwi ya mugenzi wawe ari kuvuga umuvugo.
13. Ohereza amafaranga yo gutera inkunga ikigo cyanyu ukoresheje “Mobile money”, “Tigo cash” cyangwa “Airtel money”.
14. Gura umuriro wa F 1000 ukoresheje “Mobile money”, “tigo cash” cyangwa “airtel money”.
15. Vuga akamaro k'ibi bimenyetso.

shift
↑

backspace
←

ctrl

alt

Enter
↙

16. Andika interuro ikurikira uyitsindagire, uyiberamishe uyicaho umurongo n'urangiza uyishyire mu ibara ry'ubururu “Abana twese dufite uburenganzira bungana”.
17. Koresha mudasobwa ufate amashusho n'amajwi ya bagenzi bawe bari kuririmba indirimbo y'igihugu.
18. Tanga ingero 2 z'indwara ziterwa no kunywa amazi mabi.
19. Vuga amoko y'ubutaka uzi.
20. Tanga ingero 4 z'ibyakorwa kugira ngo ubutaka burindwe isuri.
21. Vuga ibintu by'ingenzi biranga inyamaswa zikurikira :
 - a.Inyamaswa zifite urutirigongo
 - b.Inyamaswa zidafite urutirigongo
22. Sobanura ibyo usabwa gukora kugira ngo ufate neza imikaya, ingingo n'amagufwa.
23. Vuga amoko y'ingufu atangwa n'ibi bikurikira:
 - a.Izuba
 - b.Umuyaga
 - c.Amakara
24. Sobanura akamaro k'ingufu ku buzima bw'abantu.
25. Amashanyarazi amariye iki abantu mu buzima bwabo.
26. Sobanura uko rukuruzi ikora.
27. Vuga uko ibintu bikurikira bikorwa:
 - a.Kwandika amagambo ari mu dupurizo
 - b.Gufungura porogaramu ya typing turtle.
28. Vuga ibice bigize porogaramu ya “write activity”.
29. Tanga ingero z'ibintu bigaragaza ko habaho ingufu z'ubumara/ubutabire.

12. Inyunguramagambo

Akangamurizo: Igufwa riba aho amagufwa y'urutirigongo atangirira.

Amayunguyungu: Igice cy'umubiri kiri hagati y'amatako n'amabondo kigahita inguma.

Ibitonyanga: Imvura igwa ari imitonyi gusa ntirindimuke

Igikonjo: Igice cy'ukuboko kiri hagati y'ubujana n'intoki.

Ikizigira: Igice cy'ukuboko kiri hagati y'urutugu n'inkokora.

Imboho bufuro: Imboho igenda ikora utuntu duteye nk'utw'ifuro.

Imboho nzirimwe: Imboho igiye umujyo umwe umeze nk'umukufi ukomeje.

Imikaya: Imihore yoroshe ku magufwa y'umubiri w'umuntu

Imirwanyasuri: Imiringoti baca mu mirima kugira ngo birinde isuri.

Imiyego y'ibantu: Uko ibantu bigenda biva ahantu bijya ahandi.

Imvumba: Uruhago rukoze mu birere.

Indyo yuzuye: Indyo yujuje ibyangombwa, ifite ibyubaka umubiri, ibitera imbaraga n'ibirinda indwara.

Ingingo: Aho amagufwa ahurira.

Ingoro z'umugongo: Utugufwa duto dukoze igice cy'umugongo ku rutirigongo.

Ingufu: Ubushobozi bwo gukora umurimo.

Inkangu: Aho ubutaka bwardutse butwawe n'isuri

Isuri: Uburyo amazi y'imvura cyangwa umuyaga uhuha cyane bitwara ubutaka bwo hejuru.

Kare: Ishushongero rifite impande enye zingana n'imfuruka enye zingana.

Mwandikisho: Igice cya mudasobwa cyandikirwaho

Kunoza inyandiko: Gutunganya inyandiko ikangana kandi igasa uko ubyifuza.

- Kuyungurura:** Gucisha ikintu mu kayunguruzo ugakuramo imyanda
- Mpandeshatu:** Ishushongero rifite impande eshatu n'impfuruka eshatu
- Mudasobwa:** Igikoresho k'ikoranabuhanga, cyandika, gifotora, gifata amajwi, kandi kibika inyandiko, amajwi n'amafoto.
- Nsuzuma ngusuzume :** Ubwoko bw'isuzuma rikorwa n'abanyeshuri babiribabiri.
- Nyiramivumbi:** Akaroba/ikena ko mu musaya hagati y'ijisho n'ugutwi.
- Reka nisuzume:** Ubwoko bw'isuzuma umunyeshuri yikorera ubwe ku giti ke.
- Rukuruzi:** Igikoresho gifite ubushobozzi bwo gukurura ibantu bikoze mu butare cyangwa birimo ubutare.
- Ruseke:** Igufwa ry'ukuguru rihera mu ivi rikajya ku gatsinsino.
- Ubujana:** Igice cy'umubiri gifatanya ukuboko n'igikonjo cyangwa akaguru n'ikirenge.
- Ubumara:** Ibantu bifite ingufu z'ubutabire rimwe na rimwe bishobora kwica.
- Ubushyuhe:** Ikinyurango cy'ubukonje
- Ubutabire:** Ingufu zihindura ikintu mo ikindi (Ikintu gitandukanye n'icyo cyakomotseho).
- Ubutaka bw'ibumba:** Ubutaka bufatanye butinjiramo amazi vuba.
- Ubutaka bw'imberabyombi:** Ubutaka bwegeranye kandi bwinjiramo amazi buhorobuhoro.
- Ubutaka bw'urusenyi:** Ubutaka butandukanye bwinjiramo amazi vuba.
- Urukiramende:** Ishushongero rifite impande enye, ebyiri ebyiri ziteganye zingana n'impfuruka enye zigororotse.
- Urumuri:** Umucyo, ikinyurango cy'umwijima
- Urutirigongo:** Uruhererekane rw'ingoro z'umugongo 33 ku muntu.

13. Ibitabo byifashishijwe

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5. Minisiteri y'Uburezi, Ubumenyi, Ikoranabuhanga n'Ubushekashatsi, (2007), Ubumenyi n'ikoranabuhanga riciriritse, Igitabo cy'Umwaramu, Umwaka wa 3, 4, 5 na 6, Ikigo cy'Igihugu Gishinzwe Integanyanyigisho ,Kigali
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