



UKz. Angie Motshekga, nguNqongqotjhe wezeFundo-Sisekelo



UNom. Enver Surty, nguSekela kaNqongqotjhe wezeFundo-Sisekelo

Iincwadi lezi zenzelwe abentwana beSewula Afrika ngaphasi koburholi bakaNqongqotjhe wezeFundo-Sisekelo, uMma u-Angie Motshekga, kanye neSekela lakNqongqotjhe wezeFundo-Sisekelo, uNom. Enver Surty.

Iincwadi zokuSebenzela zakwaRainbow ziyingcenyeyeendlela ezinengi zomNyango wezeFundo-Sisekelo wokungenelela onqophe ukuthuthukisa ukusebenza ngcono kwabafundi beSewula Afrika kumagreyidi wokuthoma asithandathu. Njengamanye wamaHlelo womBuso aphuma phambili, iphrojekthi le isekelwe ngeemali ezibuya esiKhwameni seeMali seLizweloke. Lokhu kusize umNyango ukukhupha iincwadi zokusebenzela lezi ngawo woke amalimi asemthethweni ngaphandle kweendleko. Siyathemba kobana nizokufunzana iincwadi zokusebenzela lezi zilisizo khulu ekufundiseni kwenu kwangamalanga kanye nokuqinisekisa kobana abafundi benu bayayiqeda ikharikhyulamu.

Sitjheje khudlwana ukuhlahla abotitjhere komunye nomunye umsebenzi ngokusebenzisa iinthombe ezitjengisako bona ngikuphi umfundi amele akwenze.

Siyathemba kobana abentwana bazokuthabela ukusebenzisa iincwadi lezi njengombana bakhula bebefunda nje, begodu wena titjhere uzokwabelana nabo ithabo lokufunda. Sinifisela ipumelelo ekusebenziseni iincwadi lezi.

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IIMBALO NGESINDEBELE – IGreyidi 3 Incwadi 1

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IIMBALO NGESINDEBELE

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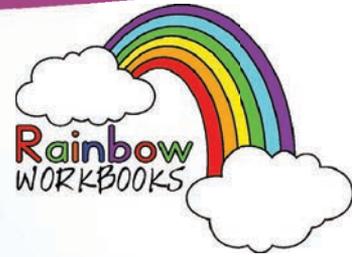
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1	2	3	4	5	6	7	8	9	10
2	4	6	8	10	12	14	16	18	20
3	6	9	12	15	18	21	24	27	30
4	8	12	16	20	24	28	32	36	40
5	10	15	20	25	30	35	40	45	50
6	12	18	24	30	36	42	48	54	60
7	14	21	28	35	42	49	56	63	70
8	16	24	32	40	48	56	64	72	80
9	18	27	36	45	54	63	72	81	90
10	20	30	40	50	60	70	80	90	100

IGreyidi

3



NGESINDEBELE

Incwadi le ngeyaka:



ISINDEBELE
Incwadi



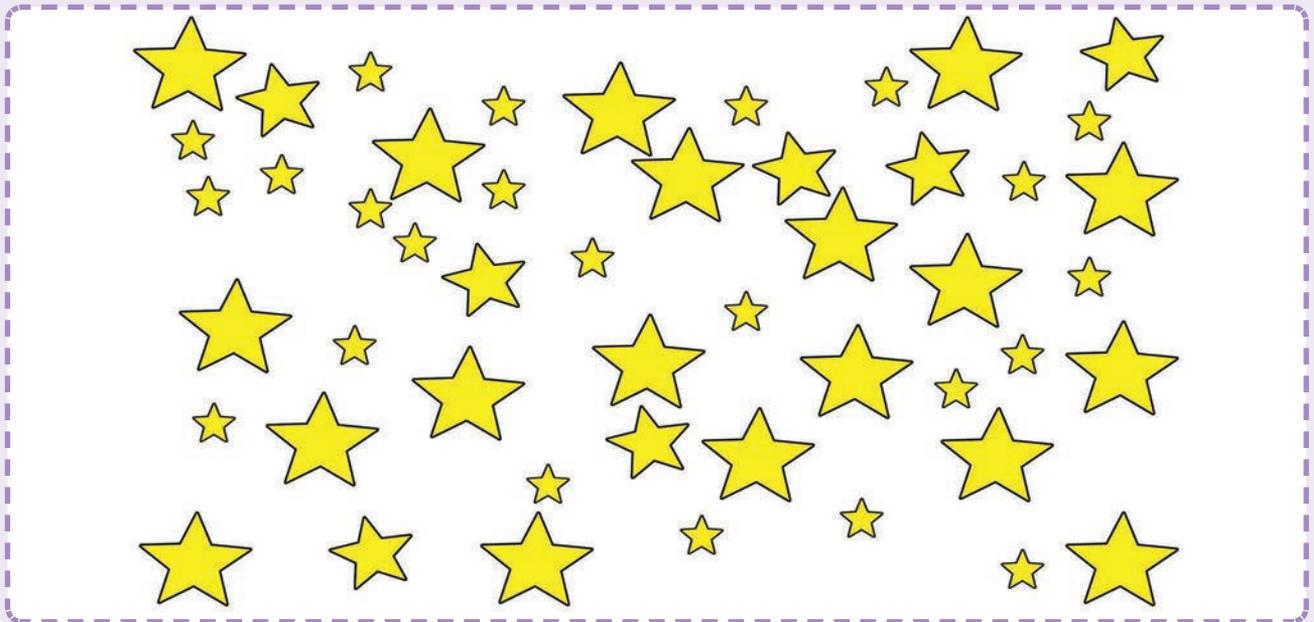
Ilanga:

Balisisa, hlela bewutjengise!



Ziinkwekwezi ezingaki?

Madanisa iimpendulo.



Linganisa kobana ziinkwekwezi ezingaki. _____

Kwanjesi zibale! _____



Thola othumbileko!

Ngubani olinganise kuhle khulu?

Zalisa amabizo wakho neempendulo etheyibuleni le.

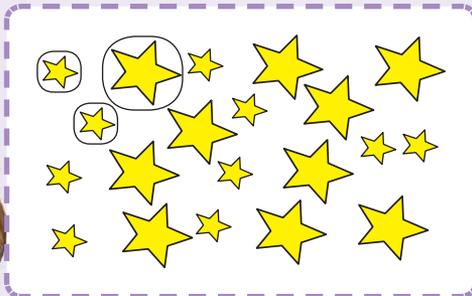
Ibizo				
Isilinganiso				
Inomboro ebaliweko				
Umehluko hlangana nesilinganiso sakho nokubala kwakho				



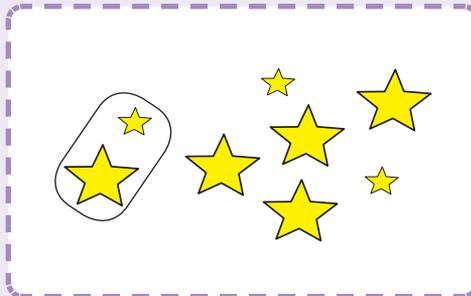
Iindlela zokubala. Sisiza ukuzitlola.



Ngibale ngaku-1.



1, 2, 3, _____

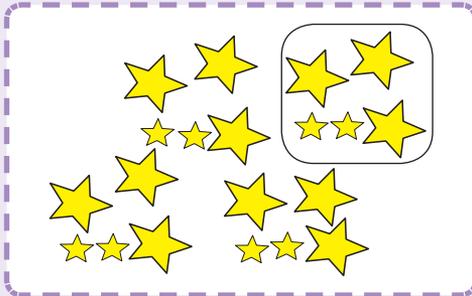


2 _____

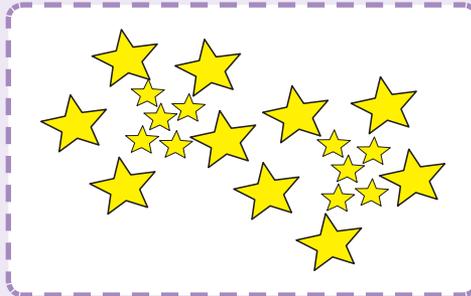
Ngibale ngaku-2.



Ngibale ngaku-5.



5 _____





Ngibale nge-10.



Tlola iinomboro zemitjho

Tlola imitjho emibili ukunikela ithothali yesibalo seenkwekwezi ezikulu nezincani ezisekasini le-2. Zitlole ngeendlela ezimbili.

Lokha nawuhlanganisa iinomboro ezinye nezinye ezimbili akwenzi litho kobana zilandelana njani.

Ekulu Encani Ngendlela le *namkha* ngendlela le

 +  = _____

 +  = _____

godu njengenomboro yomitjho.

_____ + _____ = _____ *namkha* _____ + _____ = _____



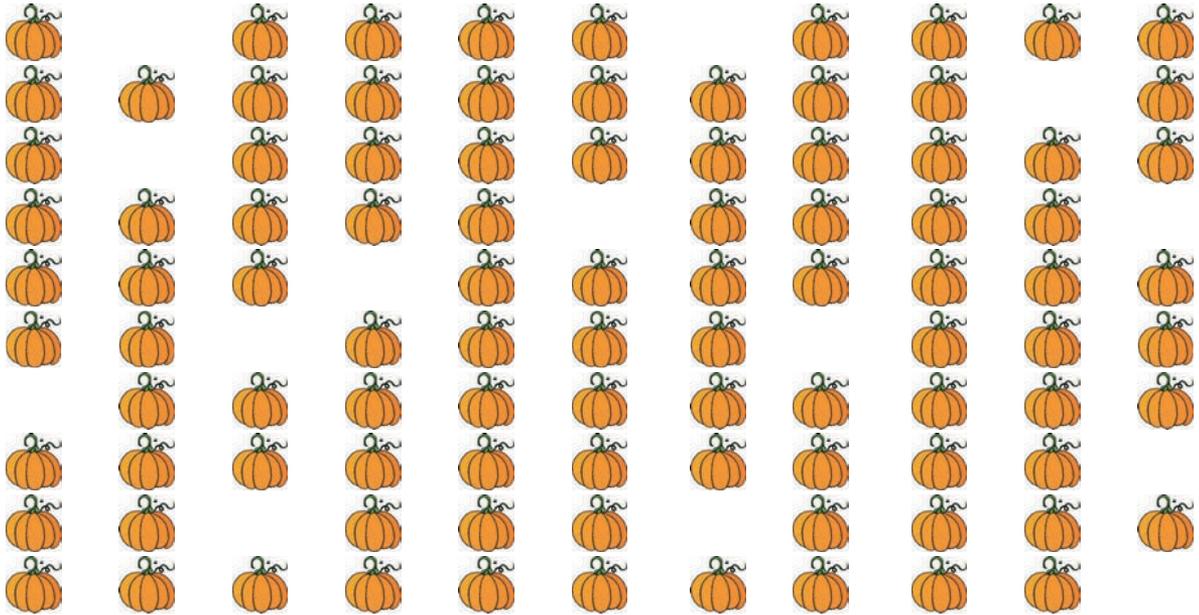
Teacher: _____
Sign: _____
Date: _____



Ukubala okuhlakaniphileko

Bala amathanga

Fumana indlela elula yokwabala.



Ipendulo: _____



Paka amathanga

Amathanga alitjumi angena ngemgodleni munye.



Mingaki imigodla? _____

Kusele amathanga amangaki? _____

Kutlhogeka amathanga amangaki ukuzaliselela umgodla owodwa ngaphezulu? _____



Kusukela ku- + ukuya ku- ×
(ukuhlanganisa ukuya ekubuyabuyeleleni)

Zaliselela iinomboro zomutjho.

Isibonelo:

$$10 + 10 + 10 + 10 = 40 \Rightarrow 4 \text{ ezinengi ezili-}10 = 40 \Rightarrow 4 \times 10 = 40$$



a. $10 + 10 + 10 =$ _____

_____ ngeenqhema ze-10 = _____ \Rightarrow _____ \times _____ = _____



b. $10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 =$ _____

_____ ngeenqhema ze-10 = _____ \Rightarrow _____ \times _____ = _____



Izandla nemino



Izandla ezingaki? _____

Imino emingaki? _____

Tlola ipendulo yakho ngeendlela ezi-2.

_____ ngeenqhema ze-10 = _____

begodu _____ \times 10 = _____



Teacher: _____
Sign: _____
Date: _____



Iinomboro phezu kwebhordo lamakhulu

Iinomboro ezikhulumako

Bala bewutjho zoke iinomboro kusukela ku-1 – 100. Khomba nawulokhu ukhamba.

I	2	3	4	5	6		8	9	10
II									
						27			
			34						40
41									
				55					
		63							
71									
					86				
			94						100

- Tlola inomboro etlhayelako ngebhlogweni ngalinye elihlaza kwesibhakabhaka.
- Tlola ngaphakathi kwezinye iinomboro.
- Sizibiza ngaliphi iinomboro ezisarulani?



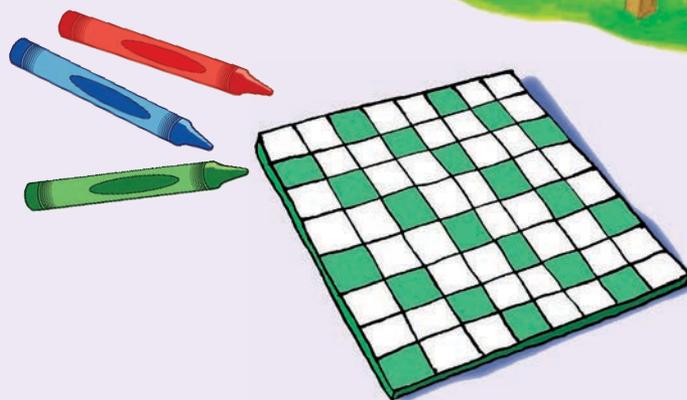
Tlola iinomboro ngamagama

90	amatjhumi athobako	41	
77		56	
14		65	



Ukubala nokukhalara

Lungela ukubala umbala!



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

Bala begodu
uvale ama-10.

Bala ngama-10 kusukela
ku-10 ukuya e-100.

Tlola ama-10
ukuya e-100.

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

Bala ngokuvala abo-5
kusukela ku-0 ukuya
e-100.

Bala ngaku-5 kusukela
ku-5 ukuya e-100.

Tlola ngaku-5
ukuya ema-80.

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

Bala bewuvale aba-2.

Bala ngaku-2 kusukela
ku-2 ukuya e-100.

Tlola ku-2
ukuya ema-100.



Teacher:

Sign:

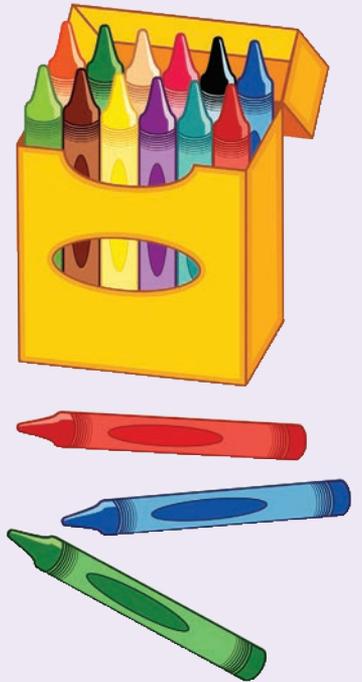
Date:

Iinomboro phezu kwebhordo lamakhulu (ziragela phambili)



Qala amaphetheni

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



Thikha (✓) woke ama-10.

Tshwaya koke (X)
okungaku-5 ngokubeka
isiphambano.

Ndulungela (O) koke
okungaku-2.

Tlola iinomboro ezimaphetheni wangaku-2 nezingaku-5.



Amaphetheni wokubala

Zalisa iinomboro ezitlhayelako.

0; 10; 20; _____; _____; 50; _____; _____; 80; _____; 100; _____;
 _____; 130; _____; _____; 160; _____; _____; _____; 200

0; 5; 10; _____; _____; 25; _____; _____; 40; _____; 50; 55; _____;
 _____; 70; _____; _____; 85; _____; _____; 100

0; 2; 4; 6; _____; _____; 12; _____; _____; 18; _____; 22; 24; _____;
 _____; 30; _____; _____; 36; 38; _____; _____; _____; 46; _____;

0; _____; 8; _____; 16; 20; _____; 28; _____; 36; _____; _____; _____;
 52; _____; _____; 64; _____; 72; _____; 80

0; _____; 10; _____; 20; _____; 30; _____; 40; _____; _____; 55;
 60; _____; 70; 75; _____; 85; _____; _____; 100

0; 3; _____; 9; _____; 15; 18; _____; 24; _____; _____; 33; _____; 39;
 _____; 45; _____; _____; 54; 57; _____; 63; _____; _____; 72; 75



Teacher: _____
 Sign: _____
 Date: _____

4

Ilanga:

Ubukhulu bedijidi

Ithemu 1



Tjengisani iinomboro zenu

Sika amakarada weenomboro kusukela enomborweni yaboSika-I. Sebenzisani amakarada ukwakha iinomboro lezi.

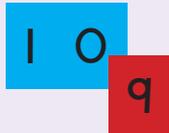
19

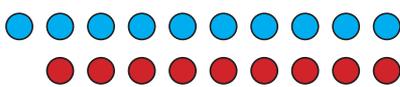
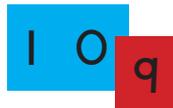
43

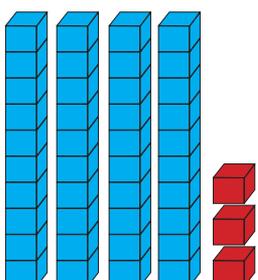
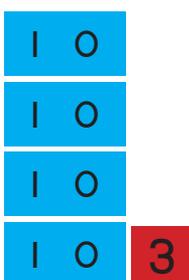
69

54

35



19   $10 + 9 = 19$

43   $40 + 3 = 43$

Kwanje zenzele wena ngokwakho ngeenomboro lezi usebenzise uSika-I.

54

35

69



Tlolani iinomboro lezi
Sesinzenzele yokuthoma.

Singatjho godu
kobana abo-1
abali-9

19	$10 + 9$	itjhumli li-1 + 9 kanye	itjhumli nethoba
43			
69			
54			
35			
21			
73			
44			
32			
89			
17			
95			
56			
68			
67			



Tlolani iinomboro ezihlanu ngokulandelana kusukela kencani khulu
ukuya kekulu khulu

_____ ; _____ ; _____ ; _____ ; _____



Teacher: _____
Sign: _____
Date: _____

Ukuhlanganisa nokukhupha



Isitolo sakaLebo

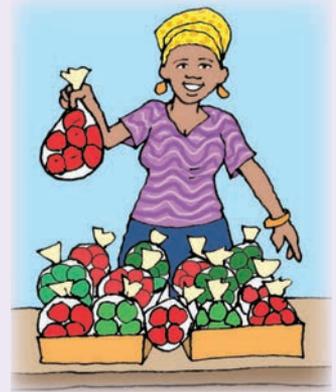
Ekuseni uLebo uneempakana ezima-19 zama-apula.

Ngesikhathi sesidlo semini sele asele neempakana ezili-13.

a. Ingabe uLebo uthengise iimpakana ezingaki? _____

b. Tlola ipendulo yakho njengenomboro yomutjho.

_____ - _____ = _____



Tlola enye inomboro yomutjho ukutjengisa ipendulo efanako.

$15 - 9 = 6$ _____



Nombora

Tlola iimpindulo.

$$1 + 2 = 3$$

Sebenzisa...

+ - =

$10 + 5 =$ <input type="text"/>	$11 + 6 =$ <input type="text"/>	$14 - 9 =$ <input type="text"/>	$14 - 8 =$ <input type="text"/>
$11 + 5 =$ <input type="text"/>	$17 + 2 =$ <input type="text"/>	$19 - 7 =$ <input type="text"/>	$14 - 5 =$ <input type="text"/>
$12 + 6 =$ <input type="text"/>	$3 + 13 =$ <input type="text"/>	$16 - 5 =$ <input type="text"/>	$16 - 13 =$ <input type="text"/>
$17 + 2 =$ <input type="text"/>	$4 + 15 =$ <input type="text"/>	$15 - 10 =$ <input type="text"/>	$19 - 7 =$ <input type="text"/>



Nombora imindenani

5

9

14

Nanzi iimbonelo zeenomboro yemindenani.

$9 + 5 = \underline{14}$	$5 + 9 = \underline{14}$
$\underline{14} - 9 = 5$	$\underline{14} - 5 = 9$



Uyayibona yoke imindeni yabo-14?

$1 + 13 = 14$	$13 + 1 = 14$	$14 - 1 = 13$	$14 - 13 = 1$
$2 + 12 =$			
$3 + 11 =$			
$4 + 10 =$			
$5 + 9 =$			
$6 + 8 =$			
$7 + 7 =$			



Ngiyokwenza okufanako nge-12.

12

$1 + 11 = 12$			
$2 + 10 = 12$			
$3 + 9 = 12$			
$4 + 8 = 12$			
$5 + 7 = 12$			
$6 + 6 = 12$			



Teacher: _____
 Sign: _____
 Date: _____

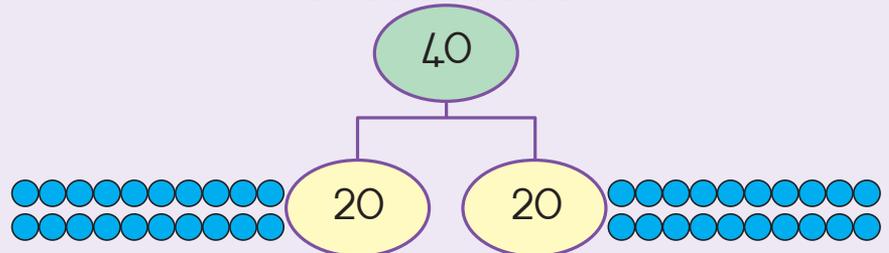
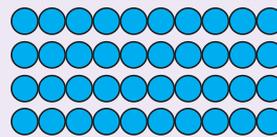
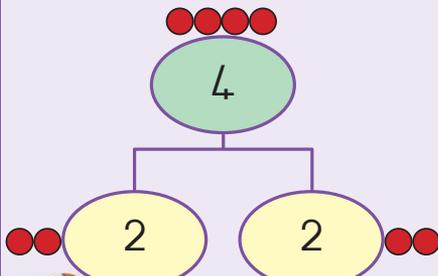
Ukubuyelelwa kabili nokuhafula

Niyakhumbula?

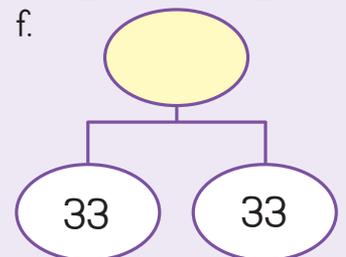
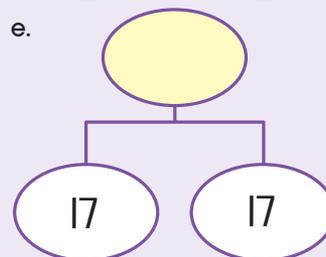
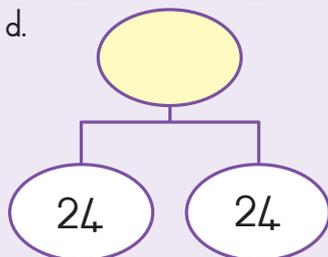
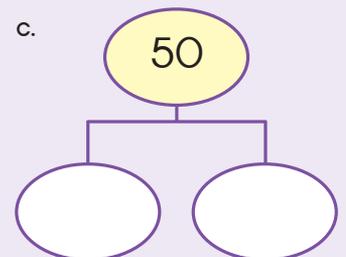
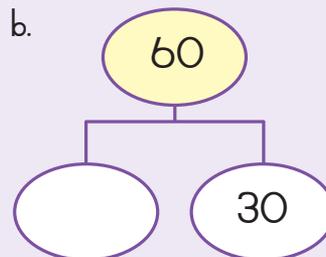
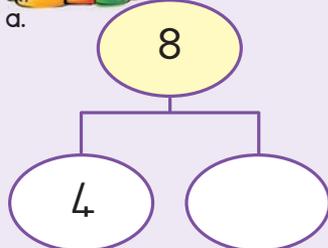
Ukubuyelela ku-2 kwenza ku-4
ku-4 kukubuyelelwa kabili kwaku-2

Ukubuyelela ku-20 kwenza ku-40
ama-40 akubuyelelwa kabili kwama-20

Lokhu singakutjengisa emdwebeni ...



Fumanani okubuyelelwe kabili namkha abohafu



Iselele

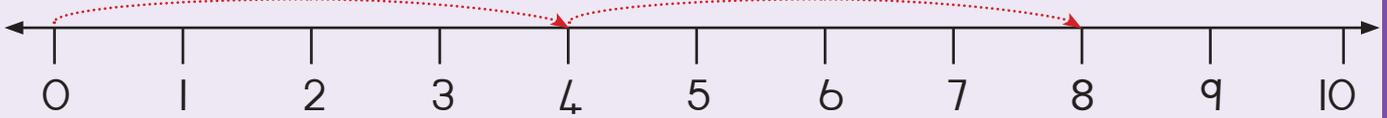
Fumanani ihafu yaku-3

Tjengisani njengenomboro namkha ibizo lenomboro.
Umqwalo ungakusiza.

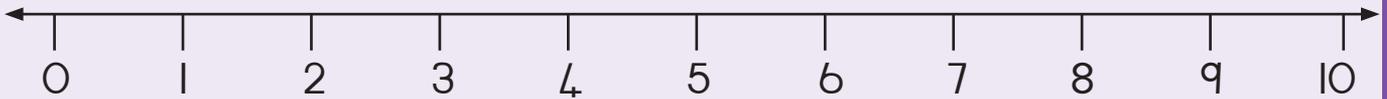


Buyelela inomboro usebenzise inambalayini.
Wenzelwe isibonelo.

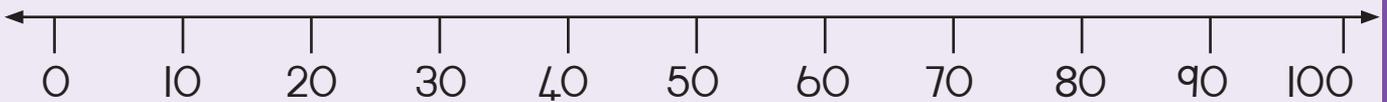
a. Buyelela abo-4 + =



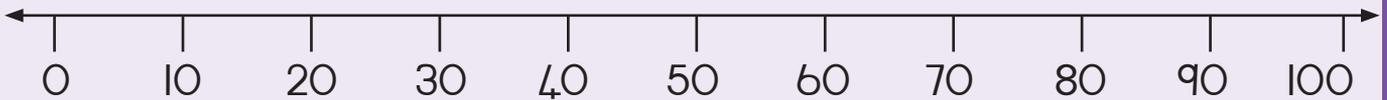
b. Buyelela abo-5 + =



c. Buyelela abo-20 + =



d. Buyelela abo-40 + =



Qedelela okulandelako

a. Buyelela abo-1	2
b. Buyelela abo-6	
c. Buyelela abo-10	
d. Buyelela abo-30	
e. Buyelela abo-50	



Qedelela okulandelako

a. Ihafu yaka-6	3
b. Ihafu yaka-8	
c. Ihafu yaka-14	
d. Ihafu yaka-60	
e. Ihafu yaka-70	

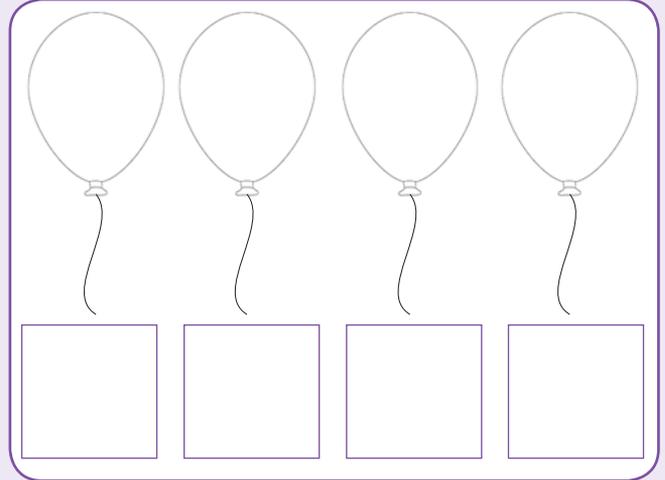


Teacher: _____
Sign: _____
Date: _____

Amacezu

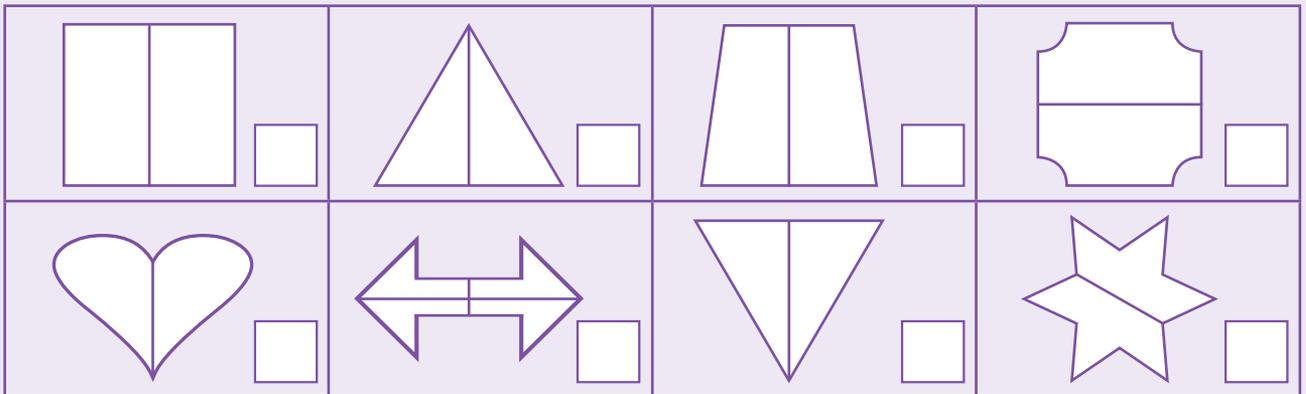
Faka umbala ikotara yamabhaloni ngokubovu bese kuthi asalako abe ngokuhlaza sasibhakabhaka.

Faka umbala obuvo encenyeni eyihafu yebhoksi.



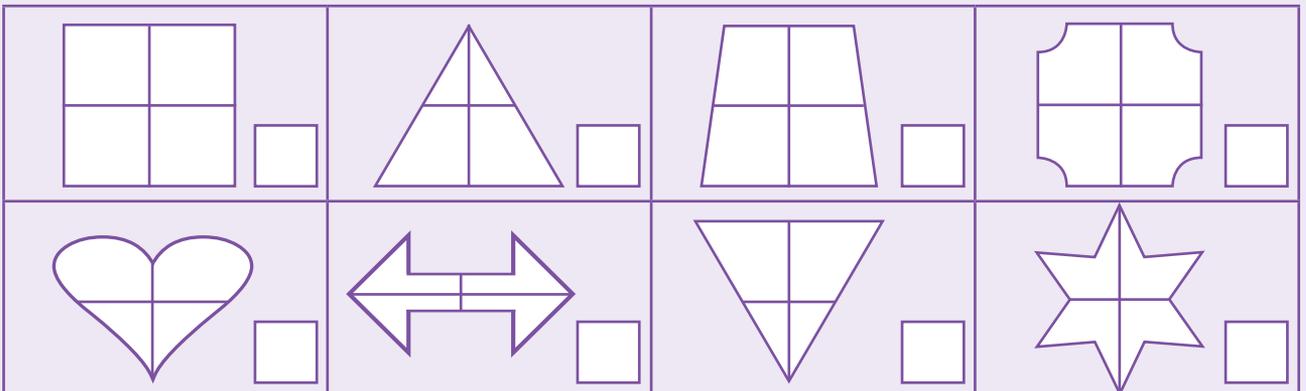
Qala amajamo. Tshwaya amajamo atjengisa abohafu.

Faka umbala engcenyeni enye nenze eyehlukaniswe yaba yihafu.



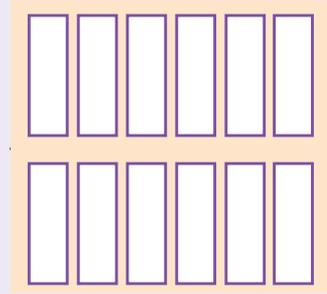
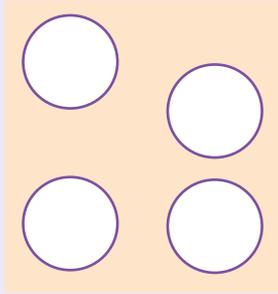
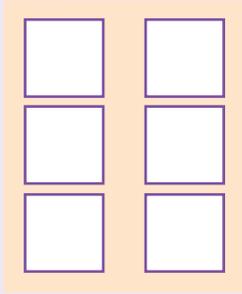
Qala amajamo. Tshwaya amajamo atjengisa amakota.

Faka umbala ikota enye nenze yamajamo ahlukaniswe aba makota.

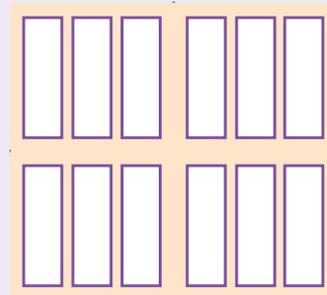
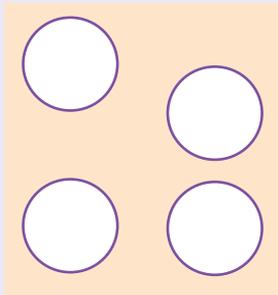
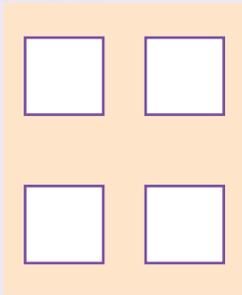




Faka umbala ihafu yamajamo. Iyini ihafu yenani lamajamo?



Faka umbala ikota yamajamo. Iyini ikota yenani lamajamo?



Tlola itshwayo lecezu.

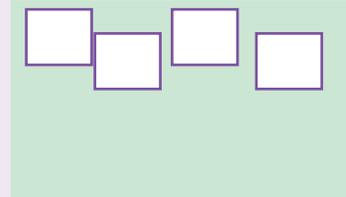
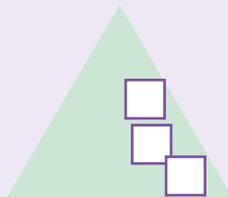
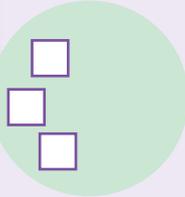
ihafu eyodwa



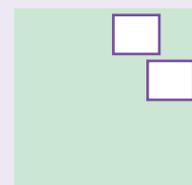
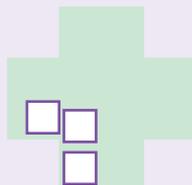
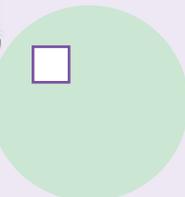
ikota eyodwa



Gwala amanye amajamo ukwenza enye nanye ihafu iphelele.



Gwala amanye amajamo ukwenza enye nanye ikota iphelele.



Teacher: _____
 Sign: _____
 Date: _____

Ukuhlela imali



Esitokfeleni

UMma Lubisi ubala begodu ahlukanisele isiqhema imali.



Linganisa inani lemali. R _____

Bala imali. R _____

Madanisa,
ulinganise begodu
ufunyane ithothali.



Ukubulunga imali

UGugu ubulungela ipara yamanyathelo ebiza-R89.

Bekube nje selanehafu yemali.

Ingabe usatlhoga malini ngaphezulu?

Tlola inomboro yomutjho ukutjengisa ipendulwakho.





Ebhanga

UMaria wehlukhanise imali yamaphepha ngamabuthhelelo wama-5.

"Usele nenye imali yamaphephe."

Tlola amathothali wesithombe ngasinye.



Inani



R _____



R _____



R _____



Iselele

Ivakatjho lokuya e-zoo

Abanye abantu abadala nabentwana baya e-zoo.

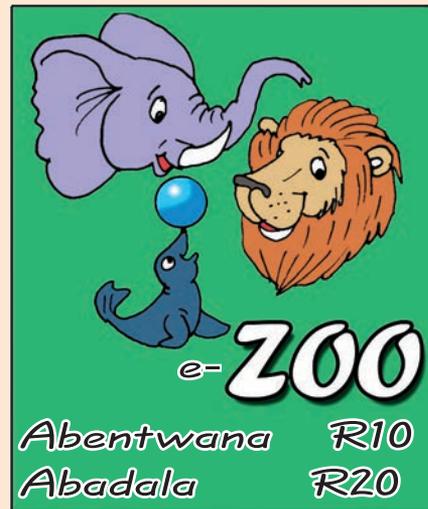
Bathenga amathikithi nge-R90.

Ingabe abentwana bangaki? _____

Ingabe abantu abadala bona bangaki? _____

Ingabe ikhona enye ipendulo?

Abadala _____ Abentwana _____



Teacher: _____
 Sign: _____
 Date: _____

Amaphetheni



Sebenzisa ibhodi yeenomboro ezima-200 ukuphendula imibuzo.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168	169	170
171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190
191	192	193	194	195	196	197	198	199	200



Sebenzisa ibhodi yeenomboro ezima-200 ukuqedelela amaphetheni weenomboro bese ufaka umbala iphetheni ebhodini yeenomboro.

105, 110, 115, _____, _____, _____	87, 90, 93, _____, _____, _____
36, 40, 44, _____, _____, _____	184, 186, 188, _____, _____, _____
70, 65, 60, _____, _____, _____	138, 135, 132, _____, _____, _____
180, 176, 172, _____, _____, _____	14, 12, 10, _____, _____, _____



Tlola iinomboro ezilandelako eduza kwenye nenye iphatheni bese ukhalara iphatheni? Khuyini okubonako ngeenomboro ezi khalavwe ngokufanako?

Ukubala ngakuhlanu.

			5				10		

Ukubala ngakubili.

	2		4						

Ukubala ngakuthathu.

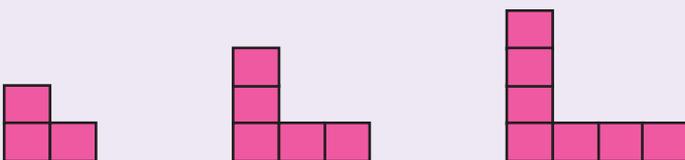
		3			6				

Ukubala ngalitjumi.

									10



Yelula amaphetheni.



Teacher: _____

Sign: _____

Date: _____

Iimbholo, amabhoksi kanye namasilinda



Ndulungela amabhoksi ngombala ohlaza sasibhakabhaka, iimbholo ngokubomvu bese kuthi amasilinda abe hlaza satjani.

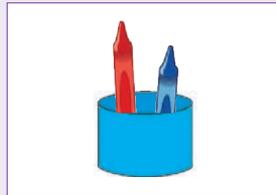


Faka umbala ngependulweni enembako.



Ibhoksi

liyatjhelela liyagedeka



Isilinda

liyatjhelela liyagedeka



Ibholo

liyatjhelela liyagedeka



Faka umbala ependulweni enembako.



umqoqo oyindulungu
umqoqo onqophileko



umqoqo oyindulungu
umqoqo onqophileko



umqoqo oyindulungu
umqoqo onqophileko



umqoqo oyindulungu
umqoqo onqophileko



umqoqo oyindulungu
umqoqo onqophileko



umqoqo oyindulungu
umqoqo onqophileko



umqoqo oyindulungu
umqoqo onqophileko



umqoqo oyindulungu
umqoqo onqophileko



Yitjho nangabe ibholo ingemuva, ingaphambili, ingeqadi nanyana ingaphezulu kwebhoksi.



ngemuva	ngaphambili
ngeqadi	ingaphezulu



ngemuva	ngaphambili
ngeqadi	ingaphezulu



ngemuva	ngaphambili
ngeqadi	ingaphezulu



ngemuva	ngaphambili
ngeqadi	ingaphezulu



Teacher: _____
 Sign: _____
 Date: _____



Ilanga:

.....



Gwala, nikela bewumadanise amabumbeko amajamo we-2D

Ithemu I



Dweba amabumbeko

Uncantathu

.....

Isiyingi / Indulunga

.....

Isikwere

.....

Ncazine

.....



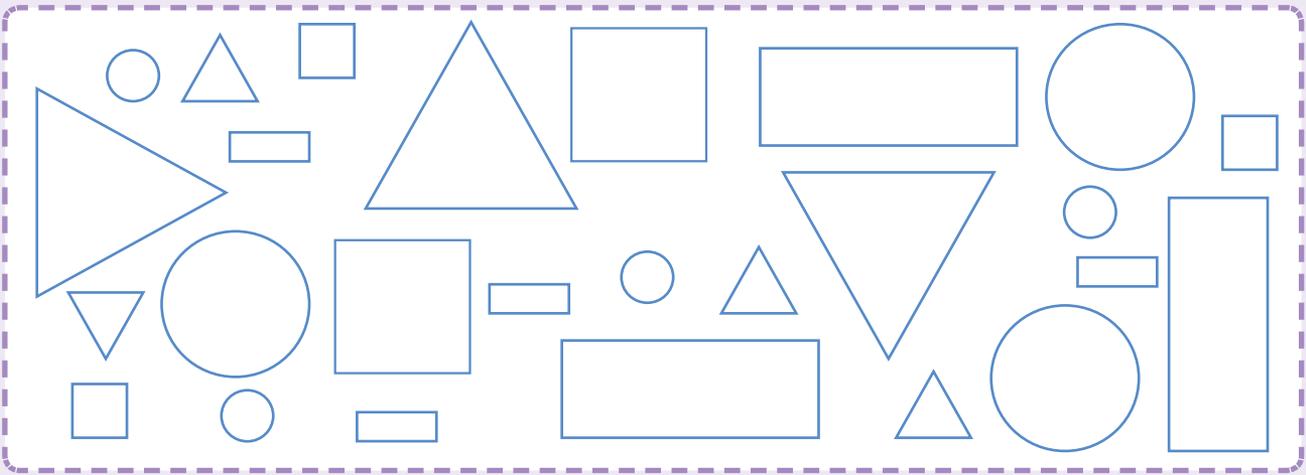
Bala amabumbeko

Bala kobana mangaki amabumbeko afana nalawa ongawafumana esithombeni.



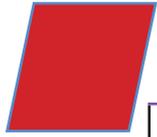
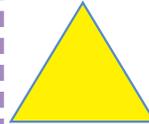
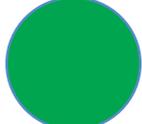
Faka umbala:

iijingi ezikulu ngombala obomvu, iijingi ezincani ngombala ohlaza satjani;
 aboncantathu abakhulu ngombala ohlaza sasibhakabhaka, ezincani ngombala o-orontji;
 iinkwere ezikulu ngokusarulani, ezincani ngokuphephuli;
 amarekthengela amakhulu ngombala ozotho bese kuthi amarekthengela amancani abe
 ngombala opinki.



Mahlangothi amangaki?

Ibumbeko ngalinye linamahlangothi amangaki? Tlola inomboro ebumbekweni. Isibonelo wenzelwe.
 Ingabe amahlangothi anqophile nanyana ayindulunga? Faka umbala endulweni enembako.

 kunqophile <input type="text"/> 3 kuyindulunga <input type="text"/>	 kunqophile <input type="text"/> kuyindulunga <input type="text"/>	 kunqophile <input type="text"/> kuyindulunga <input type="text"/>	 kunqophile <input type="text"/> kuyindulunga <input type="text"/>
 <input type="text"/> <input type="text"/>	 kunqophile <input type="text"/> kuyindulunga <input type="text"/>	 kunqophile <input type="text"/> kuyindulunga <input type="text"/>	 kunqophile <input type="text"/> kuyindulunga <input type="text"/>



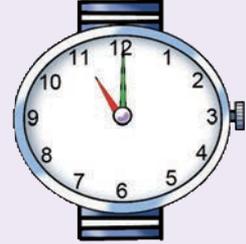
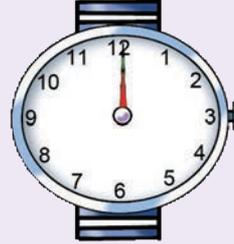
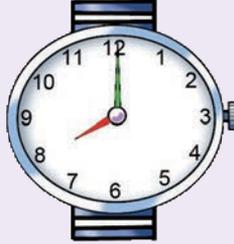
Teacher: _____
 Sign: _____
 Date: _____

Siyakhamba isikhathi



Fundani isikhathi

Atjengisa siphi isikhathi amawatjhi la?



_____ Ehloko

_____ Ehloko

_____ Ehloko

_____ Ehloko



Yeqani magesana newatjhi

Sizani uMinnie Mouse ukubala imizuzu ngaku-5.
Thomani e-12. Ragelani phambili nizombeleza.

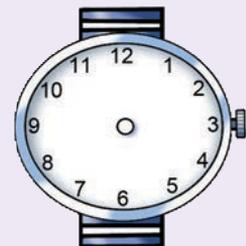
Nibala imizuzu emingaki? _____

Mizuzu emingaki ese-irini li-1? _____



Tlolani isikhathi

Gwala imikhono ukutjengisa iinkhathi.

ikotara ngemva
kwe-iri-6sigamu ngemva
kwe-iri-8ikotara ngaphambili
we-iri-11isigamu ngemva
kelesi-5



UTumi uya esikolweni.



Usuka ekhaya.



Ufika esikolweni.

Ingabe uTumi uthatha isikhathi esingangani? _____

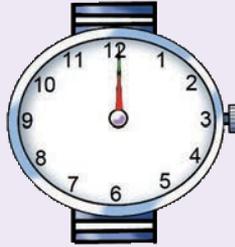


Ilanga lokubhaga

UMaria ubhaga uburotho.



Uburrotho buya nge-ondweni.



Uburrotho buyaphuma.



Uburrotho buthatha imizuzu e _____ ukubhagwa.



Iselele

Esikhathini esibuyelelwe kabili

a. Tjhugululani ama-iri abe mizuzu.

Ama-iri	1	2	4	8
Imizuzu	60			

Ngingakghona ukubona amaphetheni.

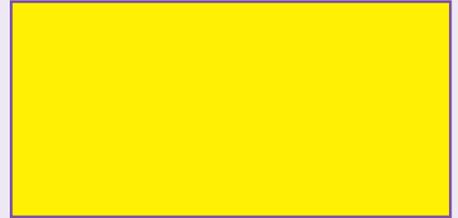
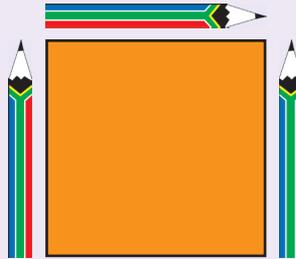
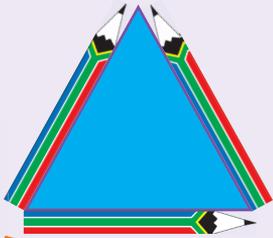


b. UJabu uthatha imizuzu ema-45 ukufika esikolweni. UTumi uthatha isikhathi esibuyelelwe kabili. UTumi uthatha ama-iri amangaki ukufika esikolweni? _____

Teacher: _____
 Sign: _____
 Date: _____



Ukulinganisa ubude



Kukoke, amahlangothi woke wethrayengeli le, alingana nobude beempensela e-3.

Kukoke, amahlangothi wesikwere alingana nobude beempensela e-4.



Ngizibuzisa kobana irekthengela yide begodu ibanzi kangangani?



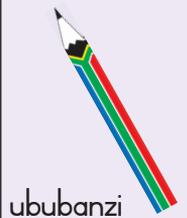
Zingaki iimpensela ezisebudeneni berekthengela?



Zingaki iimpensela ezisebubanzini berekthengela?



ubude



Uzisebenzise njani iimpensela ukubala?

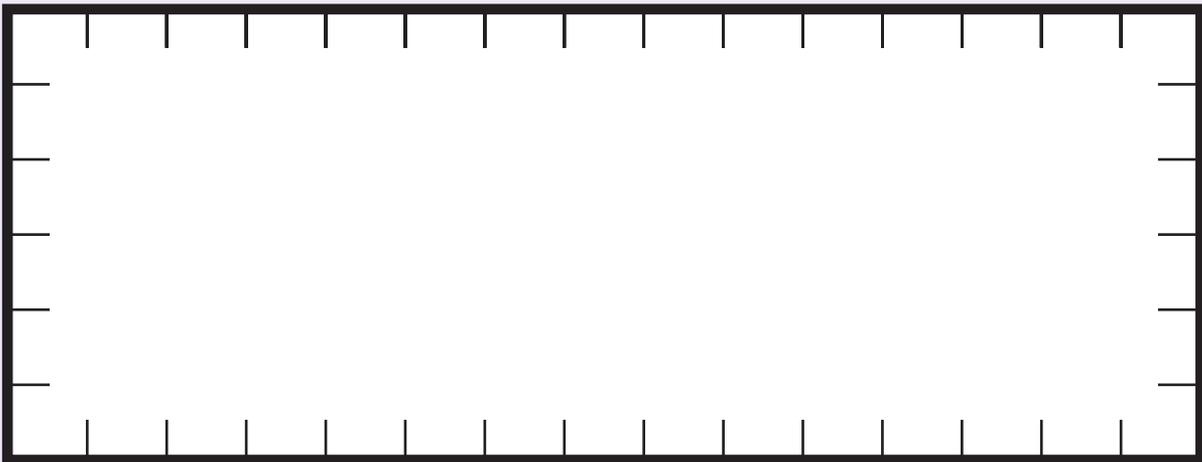


Ubude obufihlakeleko

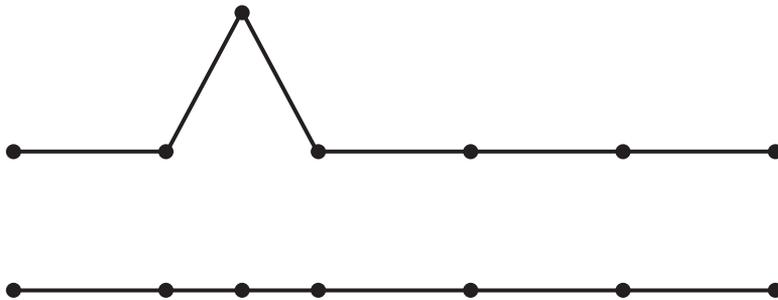
a. Ingabe utlhoga imida emingaki ebovu ukwembesa umuda onzima?



b. Ingabe utlhoga imida emingaki ebovu ukwembesa uncantathu woke?



c. Ngijiphi edenyana, indlela engaphezulu namkha engaphasi, namkha ingabe ziyafana?



Ipendulo _____

Kubayini? _____



Teacher: _____
 Sign: _____
 Date: _____



Umthamo

Sengifake amakhezo amane ngekomitjini

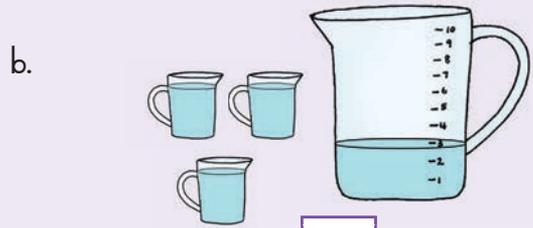
Ziinkomiki ezingaki zamanzi ezizokuzalisa isimumathi?



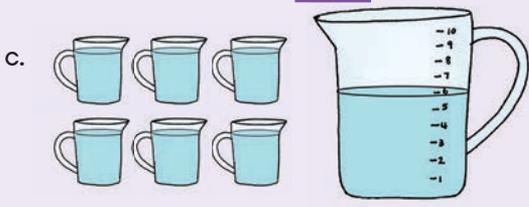
Ziinkomiki ezingaki zamanzi ezingesimumathini? Uzokutlhoga ezinye iinkomitjhi ezingaki ukuzalisa isimumathi?



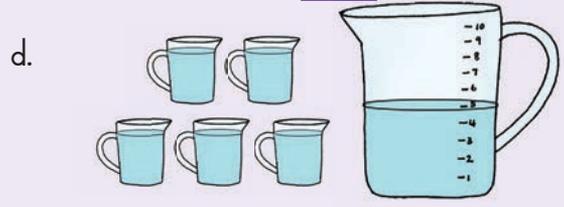
Ngaphakathi kwesimumathi: Utlhoga amanye:



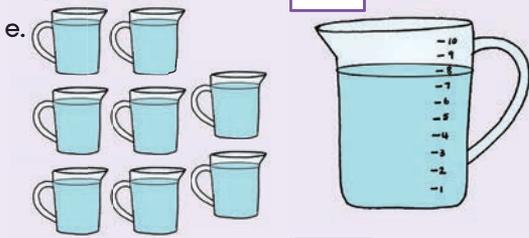
Ngaphakathi kwesimumathi: Utlhoga amanye:



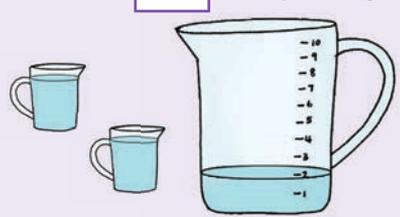
Ngaphakathi kwesimumathi: Utlhoga amanye:



Ngaphakathi kwesimumathi: Utlhoga amanye:



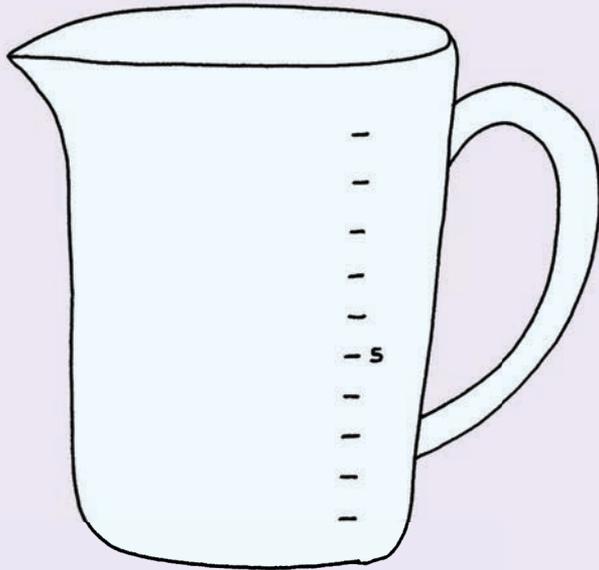
Ngaphakathi kwesimumathi: Utlhoga amanye:



Ngaphakathi kwesimumathi: Utlhoga amanye:



Tlola ama-inthavali ejegeni. Sikutlolele ama-inthavali ama-5.
Zaliselela amanye ama-iinthavali

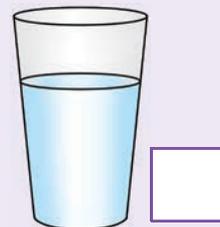
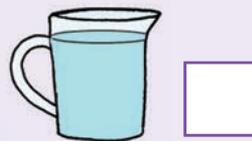


Nangabe ikomiki eyodwa ijege eyodwa
bekube ku-inthavali yesi-2, uzokutlhoga
iinkomiki ezingaki ukuzalisa ijege?

- a. 4 _____
- b. 6 _____
- c. 8 _____
- d. 10 _____



Tshwaya kobana ngisiphi isimumathi esingamumatha litha e-l yamanzi.

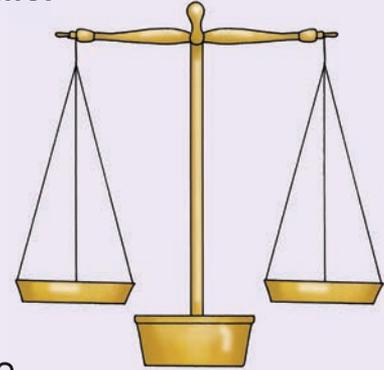


Teacher: _____
Sign: _____
Date: _____

Ukusebenza ngobudisi



Asimede isisindo sethu!



Ukufumana ubungako bethu, **ubudisi** namkha **ukubalula**, sisebenzisa isikala.

Simeda ubungako **ngamakhilogremu**.

Sisebenzisa isirhunyezwesi: kg. Ngubani onobudisi obungaphezulu?



41 kg



38 kg



41 kg



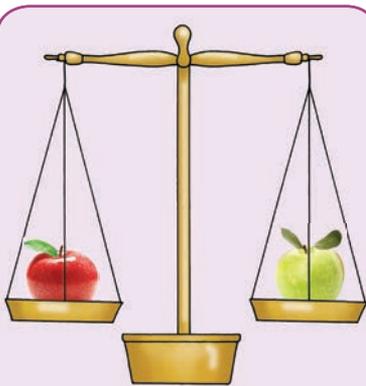
42 kg



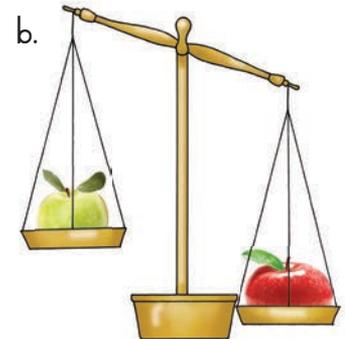
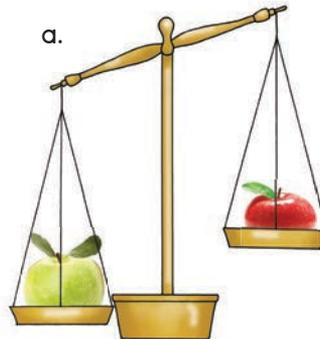
39 kg



Sisebenzise isikala sokubhalansa ukumeda ubudisi



Esikaleni lesi, womabili ama-apula akala ngokulingana.



Phendula imibuzo. Tlola u-a nanyana u-b

Kusesikaleni siphi lapha i-apula elihlaza satjani libudisi khona khulu ukudlula i-apula elibovu?

Kusesikaleni siphi lapha i-apula elihlaza satjani lilula khona kune-apula elibovu.



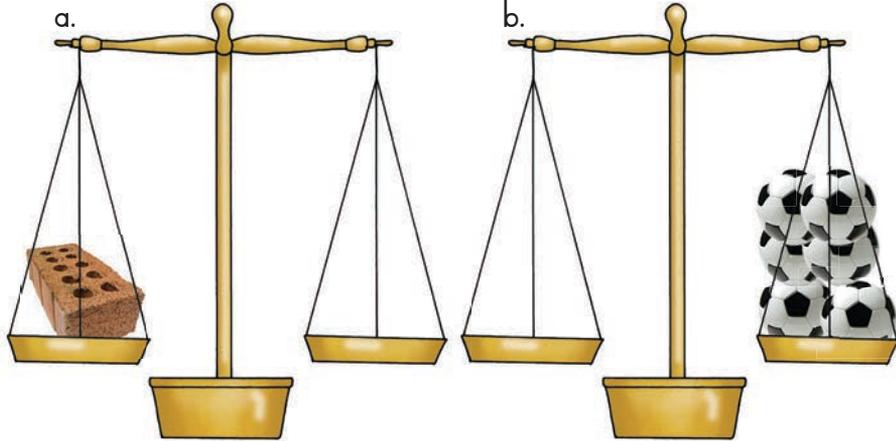
Bhalansisa iinkala.

Wenzelwe isibonelo.



Iintina ezimbili zinobudisi obulingana neentina ezine.

Gwala uveze kobana ziintina ezingaki nanyana iimbhola ozidingako ukuze wenze isikali lesi sibhalanse/sizinze.

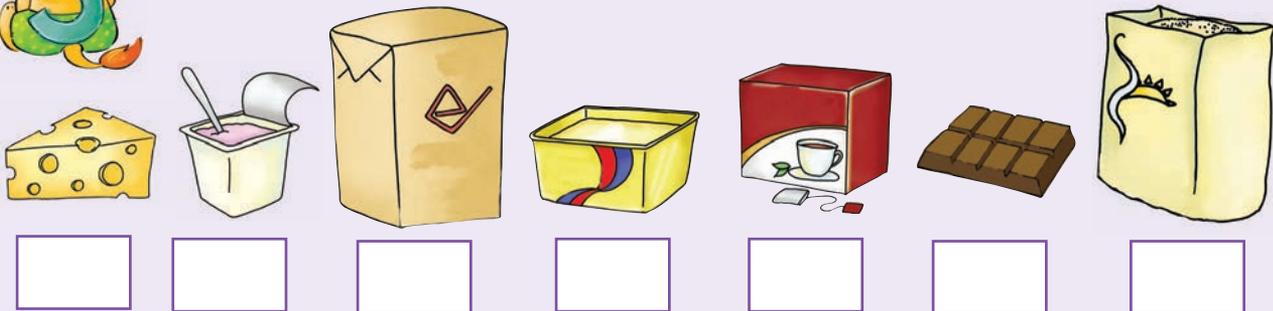


Nangabe iphasela eyodwa ikala 3 kg. Amaphasela ama 2 na-3 akala kangangani?

- Amaphasela ama-2 _____
- Amaphasela ama-3 _____
- Ngingakghona ukumeda amaphasela ama-4 ngasikhathi sinye kiso sona isikala sangekhwitjhini? _____
Kungani? _____



Tshwaya impendulo enembako. Ngijiphi into enesisindo esingaba li-1kg?



Teacher: _____
Sign: _____
Date: _____



Ukusebenza ngemininingwana

Amanyathelo ngetlasini



Funda indatjana.

UThabo: Hawu, Titjhere! uJack ulizimuzimu! Ufaka isayisi 6 yamanyathelo!

UKkz. Khoza: Kulungile! Iye, Thabo, yikulu khulu emntwaneni oneminyaka elithoba! Thabo, unesayisi bani yamanyathelo? Ingabe itlasi loke linamasayisi bani? Asenzeni irhubhululo!

Abafundi batjho amasayisi, ngamunye ngamunye.

UKkz. Khoza utlola amasayisi lawo ebhodini.

UKkz. Khoza: Bala, bese uyatlola amasayisi ngayinye ngetheyibuleni.

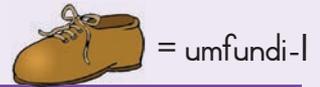
2	2	3	1	2	3	1	4	3	2	3
2	3	2	6	2	2	3	3	3	4	3
4	2	2	3	3	5	3	2	2	2	1
1	1	2	4	2	3	2	3	4	2	4
4	3	2	2	3	1	2	2	1	4	3

Zalisa ithebula engenzasi.

Amasayizi wamanyathelo ngetlasini					
Isayisi 1	Isayisi 2	Isayisi 3	Isayisi 4	Isayisi 5	Isayisi 6



Kwanje gwala igrifu yeenthombe.



					
Isayisi 1	Isayisi 2	Isayisi 3	Isayisi 4	Isayisi 5	Isayisi 6



Kwanjesi phendula imibuzo le.

- Abafundi abanengi bafaka amanyathelo wesayisi _____.
- Isibalo esimbalwa sifaka isayisi _____.
- _____ abentwana bayazibandakanya erhubhululweni.



Kunjani ngawe?

Fumana kobana wena nabangani bakho nifaka isayisi bani!

- Sebenzani ngeenqhema zangaba-6 ukuya kezangababu-8.
- Buthelelani iminingwana yenu.
- Tlolani isibalo samasayisi wamanyathelo ethebuleni.
- Madanisani iimpendulo nezinye iinqhema.



Teacher: _____
 Sign: _____
 Date: _____



Qedelela itheyibula. Thoma ngenomboro onikelwe yona.

	Enye ngaphezulu	Encani ngaphasi	Ezinye ezilitjhumi	Ezilitjhumi ngaphasi
25				
39				
74				
56				
40				



Ndulungela inomboro ekulu khulu.

78	87	17	36	63	33
----	----	----	----	----	----

Ndulungela inomboro encani khulu.

99	19	9	14	41	40
----	----	---	----	----	----



Nangabe itshwayo < litjho okuncani kuna - bese kuthi itshwayo > litjho kobana kukhulu. Qedelela:

$$32 < 64 \quad 23 > 18$$

$$75 \quad 98 \quad 89 \quad 57$$



Funyana iinomboro ezi-5 ephephandabeni ezihlangana kwaka-50 kanye no-99 bese uzinamathisela kusukela kencani ukuyo kekulu.



Teacher: _____

Sign: _____

Date: _____

Ubukhulu beenomboro ukuya kuma-99



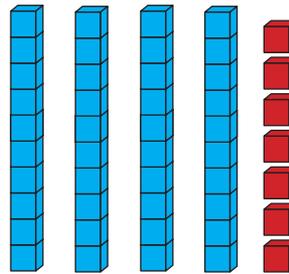
Ukutjengisa inomboro ngokusebenzisa izinto

Godu singakghona ukutjengisa iinomboro ngamabhlogo wethu weenomboro ezikulu. Ibhlogo elincani lijamele ku-1. Umtletle wamabhlogo amancani ali-10 ajamele i-10. "Litjhumi"

Amatjhumi	Amayunidi

Ungatjengisa inomboro ngokusebenzisa amatjhumi namkha amayunidi.

Lapha yindlela yokutjengiswa kwama-47.



Amatjhumi	Amayunidi
4	7

Amatjhumi amane nekhomba-47



Ukutlola iinomboro ngamadijithi nangamagama

- Ngaphasi kwesithombe, tlola kobana kunamatjhumi amangaki begodu mangaki amayunidi. Bese utlola inomboro ngamadijithi nangamagama.

Amatjhumi 3	Amayunidi 1	Amatjhumi Amayunidi
31		
Amatjhumi amathathu nalinye		



20
6

26

b. Godu singasebenzisa iinomboro zethu zamakarada ukutjengisa lokhu.

Nombora	Mangaki amatjhumi?	Mangaki amayunidi?	Tlola inomboro ngamagama
26	2	6	amatjhumi amabili nesithandathu
46			
99			



Iyini inomboro?

	<p>30 5</p> <p>35</p>	<table border="1"> <thead> <tr> <th>Amatjhumi</th> <th>Amayunidi</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>5</td> </tr> </tbody> </table> <p>Amatjhumi amathathu nahlanu 35</p>	Amatjhumi	Amayunidi	3	5
Amatjhumi	Amayunidi					
3	5					
	<div style="border: 1px solid blue; width: 40px; height: 30px; margin-bottom: 10px;"></div> <div style="border: 1px solid red; width: 20px; height: 30px; margin-left: 20px;"></div> <div style="border: 1px solid blue; width: 40px; height: 30px; margin-bottom: 10px;"></div> <div style="border: 1px solid red; width: 20px; height: 30px; margin-left: 20px;"></div>	<table border="1"> <thead> <tr> <th>Amatjhumi</th> <th>Amayunidi</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table> <p>_____</p> <p>_____</p>	Amatjhumi	Amayunidi		
Amatjhumi	Amayunidi					
	<div style="border: 1px solid blue; width: 40px; height: 30px; margin-bottom: 10px;"></div> <div style="border: 1px solid red; width: 20px; height: 30px; margin-left: 20px;"></div> <div style="border: 1px solid blue; width: 40px; height: 30px; margin-bottom: 10px;"></div> <div style="border: 1px solid red; width: 20px; height: 30px; margin-left: 20px;"></div>	<table border="1"> <thead> <tr> <th>Amatjhumi</th> <th>Amayunidi</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table> <p>_____</p> <p>_____</p>	Amatjhumi	Amayunidi		
Amatjhumi	Amayunidi					



Teacher: _____
 Sign: _____
 Date: _____



Funda

Ukubeka amatjumi ndawonye lokha nasihlanganisa ukuya ema-99

<p>Nasi indlela yinye yokutjengisa ama-22.</p>		<p>Sinokodwa kokulitjumi</p>		<p>Kwanjisi sinenye indlela yokutjengisa ama-22.</p>														
<table border="1"> <thead> <tr> <th>Amatjumi</th> <th>Amayunidi</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> <tr> <td>itjumi li-1</td> <td>amayunidi ali-12</td> </tr> <tr> <td>1 0</td> <td>1 0 2</td> </tr> </tbody> </table>	Amatjumi	Amayunidi			itjumi li-1	amayunidi ali-12	1 0	1 0 2		<table border="1"> <thead> <tr> <th>Amatjumi</th> <th>Amayunidi</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> <tr> <td>amatjumi ama-2</td> <td>amayunidi ma-2</td> </tr> <tr> <td>2 0</td> <td>0 2</td> </tr> </tbody> </table>	Amatjumi	Amayunidi			amatjumi ama-2	amayunidi ma-2	2 0	0 2
Amatjumi	Amayunidi																	
itjumi li-1	amayunidi ali-12																	
1 0	1 0 2																	
Amatjumi	Amayunidi																	
amatjumi ama-2	amayunidi ma-2																	
2 0	0 2																	
		<p>Sinamayunidi alitjumi nambili</p>																
		<p>Sizokubeka amayunidi amatjumi ngequbi</p>																

Asihlanganise $27 + 4$. Sizokuthoma ngamabhlogo ahlaza. Amabhlogo apinki la ngiwo esizokungezelela ngawo.

<p>Ama-27matjumi ama-2 begodu nabowani abali-7. Bese sihlanganisa abowani aba-4 ngaphezulu.</p>		<p>Sinamatjumi ama-2 begodu nabowani abali-11.</p>		<p>Kwanjisi sinamatjumi ama-3 + nowani mu-1 = 31</p>														
<table border="1"> <thead> <tr> <th>Amatjumi</th> <th>Amayunidi</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> <tr> <td>ama-2</td> <td>ama-7</td> </tr> <tr> <td>2 0</td> <td>7 4</td> </tr> </tbody> </table>	Amatjumi	Amayunidi			ama-2	ama-7	2 0	7 4		<table border="1"> <thead> <tr> <th>Amatjumi</th> <th>Amayunidi</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> <tr> <td>amatjumi ama-3</td> <td>nowani mu-1</td> </tr> <tr> <td>3 0</td> <td>0 1</td> </tr> </tbody> </table>	Amatjumi	Amayunidi			amatjumi ama-3	nowani mu-1	3 0	0 1
Amatjumi	Amayunidi																	
ama-2	ama-7																	
2 0	7 4																	
Amatjumi	Amayunidi																	
amatjumi ama-3	nowani mu-1																	
3 0	0 1																	
		<p>Singatjengisa abowani abali-10 njenge tjumi linye.</p>		<p>+ =</p>														
		<p>2 0 1 0 1</p>		<p>3 1</p>														



Tlola iinomboro zomatjho ezitjengiswe sithombe

Amatjhumi	Amayunidi	Amatjhumi	Amayunidi	Amatjhumi	Amayunidi
<input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
$10 + 5 + 6$		$\underline{\quad} + \underline{\quad} + \underline{\quad}$		$\underline{\quad} + \underline{\quad} = \underline{\quad}$	

Qedelela iinthombe. Tlola imitjho yeenomboro etjengiswe esithombeni.

Amatjhumi	Amayunidi	Amatjhumi	Amayunidi	Amatjhumi	Amayunidi
<input type="text"/>		<input type="text"/>		<input type="text"/>	

Amatjhumi	Amayunidi	Amatjhumi	Amayunidi	Amatjhumi	Amayunidi
<input type="text"/>		<input type="text"/>		<input type="text"/>	

Teacher:

Sign:

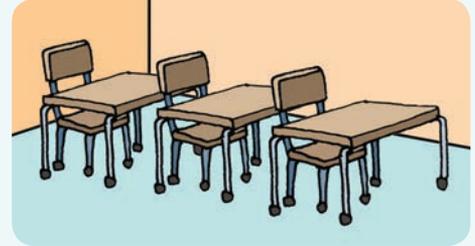
Date:

Hlanganisa kunambalayini

Hlala edeskeni lakho!

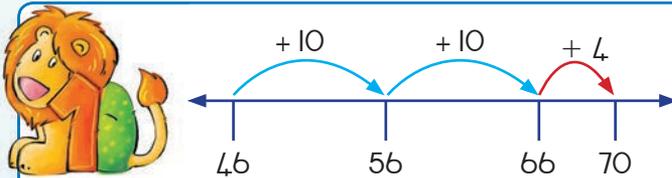
Esikolweni sethu umfundi ngamunye unedeske lakhe.
Kunabafundi abama-46 kuGreyidi 3A begodu bama-24
kuGreyidi 3B.

Ingabe sitlhoga amadeske amangaki ematlasini womabili?



Sebenza nomlingani

Qala kobana abafundi abathathu laba bayisebenzisa njani inambalayini
ukusombulula umraro. Qedelela iimbalo usebenzile isibonelo.



Lokhu ngengikwenzako: Ngithoma ngokuhlanganisa i-10.
Lokhu kungiletha ema-56. Bese ngeqa i-10 elinye ngiye ema-66.
Begodu kwamaswaphela, ngeqa ku-4 ngaphezulu ukufika ema-70.

$$\begin{aligned} &= 46 + 10 + 10 + 4 \\ &= 56 + 10 + 4 \\ &= 66 + 4 \\ &= 70 \end{aligned}$$

Kufanele
ngihlanganise ama-24
ukuya ema-46.



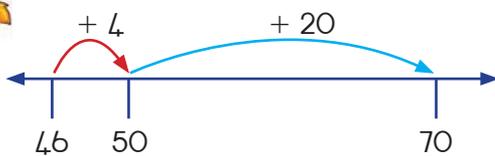
a. $32 + 25 =$





b. $52 + 26 = \square$

c. $46 + 25 = \square$



Kufanele ngihlanganise ama-24 ukuya ema-46.



Lokhu ngengikwenzako: Kokuthoma ngizokweqa ku-4. Lokho kuzangiletha ema-50. Ngingeqa ukudlula ama-20, okungiletha ema-70.

$$= 40 + 10 + 20$$

$$= 50 + 20$$

$$= 70$$

a. $36 + 41 = \square$

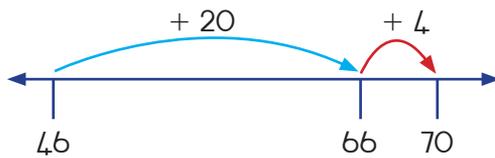
Teacher: _____

Sign: _____

Date: _____

Hlanganisa kunambalayini (kuragela phambili)

b. $57 + 19$



Kufanele ngihlanganise ama-20 ukuya ema-46.



Lokhu ngengikwenzako: ukusuka ema-46, ngingeqa ama-20. Lokho kungiletha ema-66. Kwanjesi kufanele ngeqe ku-4, ngaphezulu begodu bese ngifika ema-70.

$$= 46 + 20 + 4$$

$$= 66 + 4$$

$$= 70$$

a. $63 + 24 =$



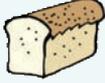
b. $65 + 29 =$



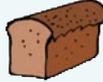


Ziinlofu ezingaki?

Umbhagi udiliva iinlofu ezima-54 ezibhraweni ezima-68



ezimhlophe.



begodu neenlofu

a. Ziinlofu ezingaki sezizoke?

b. Fumana ithothali kunambalayini.

Tjengisa iinomboro nesilinganiso sokweqa.



Hlanganisa okulandelako, ngaphandle kokusebenzisa inambalayini. Sebenzisa yakho indlela.

$$38 + 24 =$$

$$58 + 17 =$$

$$75 + 16 =$$

$$83 + 29 =$$



Teacher: _____
Sign: _____
Date: _____

Ukukhupha ngenambalayini

Umfundi munye! Irula yinye!

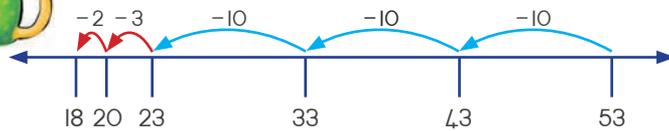
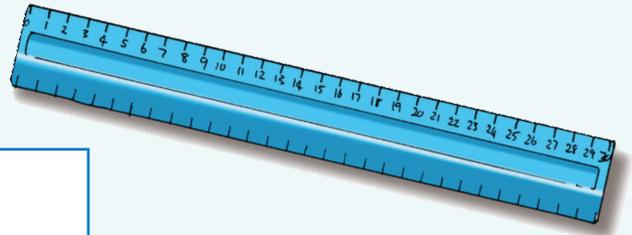
Itlasi litlhoga amarula ama-53. Kunama-35 kwaphela.

Sisatlhoga mangaki? $53 - 35 =$

Sebenza nomlingani

Funda kobana abafundi abanye abathathu abafanako bayisebenzisa njani inambalayini lapha.

Qedelea iimbalo usebenzise isibonelo.



Kufanele ngikhuphe
ama-35 kuma-53.
Ukukhupha kutjho ukususa.



Ngalokho ke, ngizakuthoma ema-53 begodu ngisuse. Ngizakususa i-10, 10, 10 – elingiletha ema-23. Kwanjesi ukususa ku-3, bese ngiza ema-20. Ngisusa ku-2 ngaphezulu begodu ngifumana i-18. Ngalokho ke sitlhoga iinrula ezili-18.

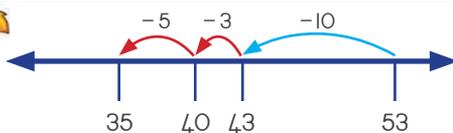
$$\begin{aligned}
 &= 53 - 10 - 10 - 10 - 3 - 2 \\
 &= 43 - 10 - 10 - 3 - 2 \\
 &= 33 - 10 - 3 - 2 \\
 &= 23 - 3 - 2 \\
 &= 20 - 2 \\
 &= 18
 \end{aligned}$$



a. $68 - 24$

b. $74 - 38$

c. $92 - 87$



Ukukhupha kutjho ukufumana umehluko hlangana nama-53 nama-35.



Ngizakuthoma ema-53 bese ngibala ukuya emuva ema-35 ukufumana umehluko. Nakhibe ngibala ngibuyele emva nge-10, ngiya ema-43. Ngingabala ngiye emva ngaku-3 ngaphezulu ukuya ema-40. Bese ngibala ngiye phasi ngaku-5 ngaphezulu ukuya ema-35. I-10 naku-3 nakuhlana kuli-18. Ngalokho-ke sitlhoga amarula angaphezulu nge-18.

a. $38 - 14$

Teacher: _____

Sign: _____

Date: _____

Ukukhupha ngenambalayini (kuragela phambili)

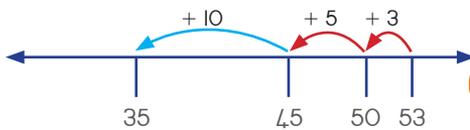
b. $65 - 43 =$



c. $72 - 39 =$



d. $85 - 48 =$



Ngingathoma ema-35 begodu ngibone kobana kungithatha imeqo emingaki ukubala kufikela ema-53.



Ngingathoma ema-35 begodu ngibone kobana kuthatha imeqo emingaki ukubala kufikela ema-53. Itjhumu lihlanguana nakuhlana kuhlanguane nakuthathu kuli-18. Sitlhoga amarula ali-18 ngaphezulu.

a. $84 - 32 =$





b. $96 - 53 =$

c. $78 - 19 =$

d. $63 - 47 =$



Khamba ngeteksi

Ikhambo ngeteksi lokuya edrobheni lima-65 km.
Bekube nje iteksi sele ikhambe ama-38 km.

Kusafanele ikhambe kangangani ukuya phambili?

Sebenzisa inambalayini ukusombulula umraro lo.



km

Teacher: _____
 Sign: _____
 Date: _____



Sikhathi sephathi



Iqhinga lokuthoma!

UBusi ubawe abangani bakhe kobana bamnikele isithombe sokudla kwephathi abakuthandako. Okulandelako kukudla akuthengako. Msize kobana ahlele kuhle ukudla lokhu.



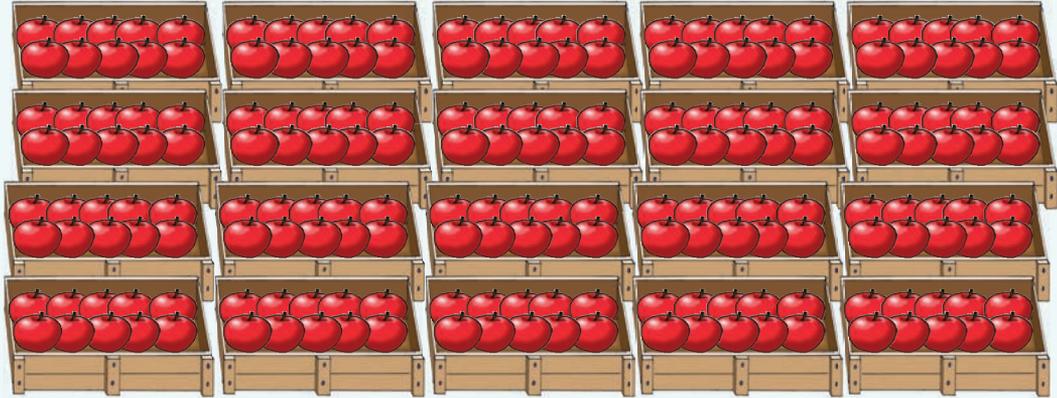
Bala, begodu tlola kobana bangaki abangani abakhetha umhlobo ngamunye wokudla.

				
Inomboro				

Bala bewufike ku-200



Ubona ama-apula amangaki?



Zaliselela ngeenomboro

Ibhoksi elilodwa lina ma-apula

Ireyi elilodwa lina ma-apula

Ireyi elilodwa linamabhoksi

Amareyi amane anama-apula



Singapaka ama-apula amangaki ngemabhoksini la?

a.

b.

c.

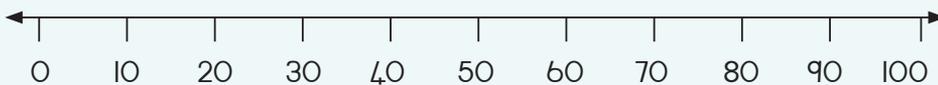


Tjengisa lokhu ngenambalayini.

a. Kuzokuba nama-apula amangaki ngemabhoksini amahlanu?



b. Kuzokuba nama-apula amangaki ngemabhoksini alikhomba?





u-10 nakangezelelwe
ngaku-3 kwenza -

3 0

$3 \times 10 = 30$

nanyana $10 \times 3 = 30$

u-10 nakangezelelwe

ngaku-5 kwenza

$\underline{\quad} \times \underline{\quad} = \underline{\quad}$

nanyana

$\underline{\quad} \times \underline{\quad} = \underline{\quad}$

u-10 nakangezelelwe

ngaku-2 kwenza

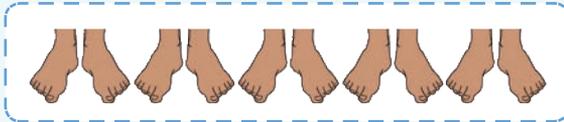
$\underline{\quad} \times \underline{\quad} = \underline{\quad}$

nanyana

$\underline{\quad} \times \underline{\quad} = \underline{\quad}$

Iimpara ezi-5 zeenyawo.

Kuneenzwani ezingaki sele zizoke?



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

$5 \times 10 = \underline{\quad}$

nanyana $10 \times 5 = \underline{\quad}$

Yenza lokhu ngendlela efanako.

Iimpara ezi-4 zeenyawo. Kuneenzwani ezingaki sele zizoke?

$\underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

nanyana $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

Iimpara ezi-9 zeenyawo. Kuneenzwani ezingaki sele zizoke?

$\underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

nanyana $\underline{\quad} \times \underline{\quad} = \underline{\quad}$



Asibaleni nge-10.

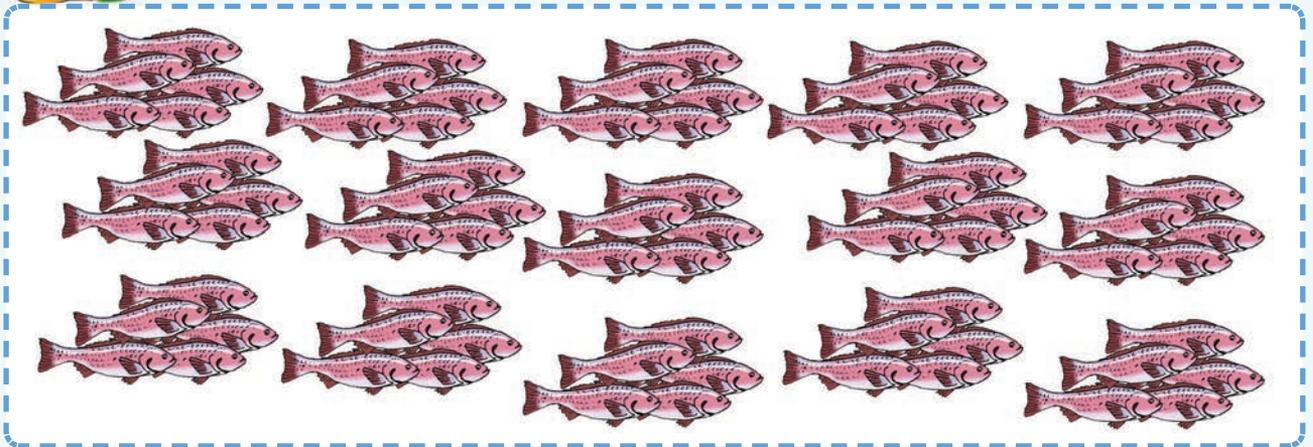
10, 20, 30, 40, 50, _____, _____, _____, _____, _____,
_____, _____, _____, _____, _____, _____, _____, 200

Teacher: _____
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Date: _____

Zijayeze ngaku-5



Ingabe iinhlambi zingaki? Linganisa ukuthi kungaki.



Kwanjesi bala iinhlambi.

Fumana ithothali.

Bala ngaku-5

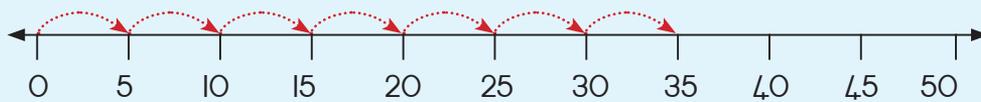


Fumana ithothali yamaqanda weenhlambi. Tlola umutjho weenomboro usebenzise u + kunye no X. *Sesikwenzele isibonelo.*

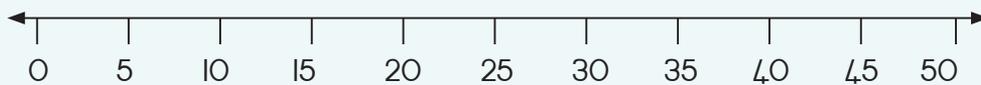
Iinhlambi namaqanda	Ingabe mangaki amaqanda?	
Iinhlambi ezi-5, zibekela amaqanda ama-2	$2 + 2 + 2 + 2 + 2 = 10$	$5 \times 2 = 10$
Iinhlambi ezi-5, zibekela amaqanda ali-10		
Iinhlambi ezi-5, zibekela amaqanda ama-4		
Iinhlambi ezi-5, zibekela amaqanda ama-3		
Iinhlambi ezi-5, zibekela amaqanda asi-6		
Iinhlambi ezi-5, zibekela amaqanda abu-8		
Iinhlambi ezi-5, zibekela amaqanda ama-5		



Qedelela imitjho yeenomboro namanambalayini.

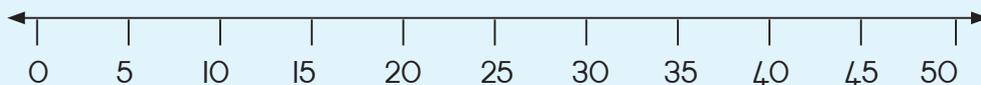


$5 + 5 + 5 + 5 + 5 + 5 + 5 = 35$ nanyana $7 \times 5 = 35$



$5 + 5 + 5 + 5 = \square$ nanyana $\square \times \square = \square$

b.



$5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 = \square$ nanyana $\square \times \square = \square$

c.



$_ + _ + _ + _ + _ + _ + _ + _ + _ + _ = \square$ nanyana $10 \times 5 = 50$



Bamba ihlambi

USipho ubamba iihlambi ezihlangana kwama-40 nama-50. Uyazibala ngaku-2 begodu usele nayi-l.

Uzibala ngaku-5 begodu usele nazi-2. Ingabe uSipho ubambe iihlambi ezingaki?

Teacher:

Sign:

Date:



Bala ngaku-2



Bala amakowusu



a. Mangaki amakowusu alapho? _____

b. Ziimpara ezingaki zamakowusu? _____

c. Kusele amakowusu amangaki? _____



Ukubala iimpara zamakowusu

Tlola kobana ziimpara ezingaki zamakowusu ezilapho begodu utjho nakhibe kukhona aseleko.

Amakowusu	Isibalo seempara	Inani lamakowusu	Amswenya aseleko



Teacher: _____

Sign: _____

Date: _____



Bala ngaku-2 (kuragela phambili)

Ukwakha iimpara.

Tlola phasi iinomboro ezilinganako nenomboro ezingalinganiko kusukela e-1 – 60.

a. Tlola iinomboro ezilinganako kusukela kwe- 1 – 60.

2, 4, 6,

b. Tlola iinomboro ezingalinganiko kusukela kwe- 1 – 60.

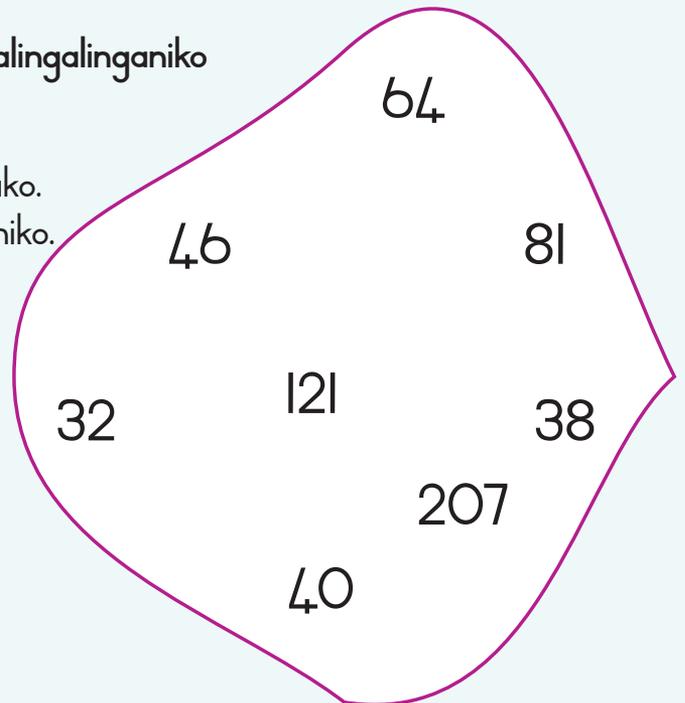
3, 5, 7,



Okulingalinganako nokungalinganiko

Dweba indulunga eenomborweni ezilinganako.

Dweba iskwere eenomborweni ezingalinganiko.





Kusukela emakowuswini ukuya eempareni zamakowusu

Isibonelo:

ipara yi-1  = amakowusu ma-2

impara ezili-10  = amakowusu ama-20

$$2 \times 1 = 2$$

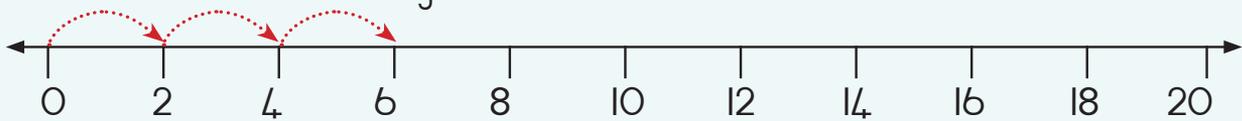
$$2 \times 10 = 20$$

a. Tlola kobana mangaki amakowusu.

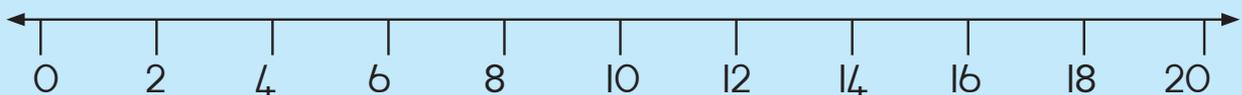
Cabanga ngaku-2		Umutjho weenomboro
Ipara eyo-1	amakowusu = ama-2	$2 \times 1 = 2$
Iimpara ezi-2	amakowusu = ama-___	$2 \times 2 = \square$
Iimpara ezi-4	amakowusu = abu-___	
Iimpara ezibu-8	amakowusu = ali-___	
Iimpara ezili-9	amakowusu = ali-___	

b. Tjengisa inani phezu kwenambalayini bese uyaqedelela.

Isibonelo: $2 + 2 + 2 = 6$ nanyana $3 \times 2 = 6$



$$2 + 2 + 2 + 2 + 2 + 2 + 2 = \square \text{ nanyana } \square \times \square = \square$$



Teacher: _____
 Sign: _____
 Date: _____



Imali kade nanje



Indatjana yemali yethu

ESewula Afrika sisebenzisa amaranda namasende njengemali yethu.
Sathoma ukusebenzisa amaranda neensende ngomnyaka we-1961.

Ngalawo malanga isende yi-1 yesimbi gade kungiyi encani khulu, kulandele amasende.
ama-2 bese kulandela amasente ama-5.





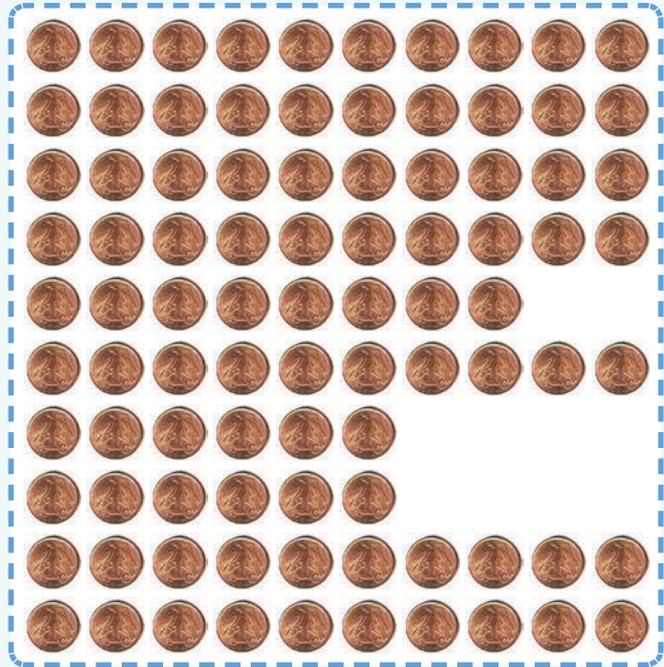
Bala amasende

Bala usende o-l.

Kunamasende amangaki?

Mangaki afunekako ukwenza i-R1,00?

Agwale ngaphakathi kwebhlogo.



Masende amangaki?

R1,00 = c

R2,00 = c

R3,00 = c

R1,50 = c



"Ngingathenga iinthelo ezingaki?"

2  sibiza-R4,00.

Ufumana amabhanana amangaki nge-R20,00?

2  sibiza-R2,00.

Ufumana ama-apula amangaki nge-R9,00?



Teacher: _____
Sign: _____
Date: _____

Bala ngaku thathu



Amavili ngama-3

Ibhayisigili-emavili-ntathu yi- l inamavili ama ____.

Iimbhasigili ezi-5 zinamavili ama ____.

$$3 + 3 + 3 + 3 + 3 = 5 \times 3 = \underline{\quad}$$

Iimbhasigili ezi-2 zinamavili ama ____.

$$3 + 3 = 2 \times 3 = \underline{\quad}$$

Iimbhasigili ezi-4 zinamavili ama ____.

Iimbhasigili ezi-6 zinamavili ama ____.

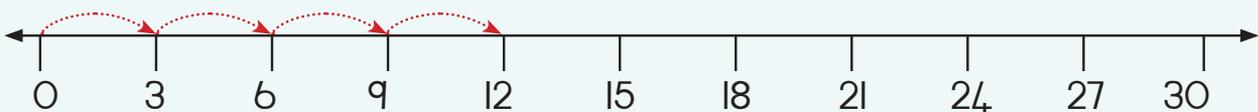
Iimbhasigili ezi-9 zinamavili ama ____.

Iimbhasigili ezi-8 zinamavili ama ____.

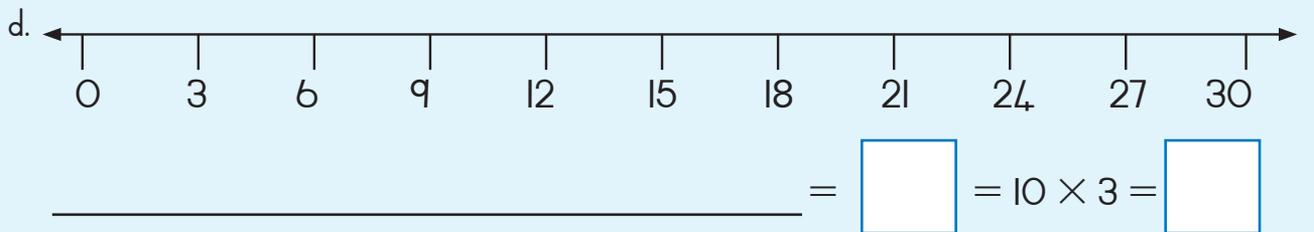
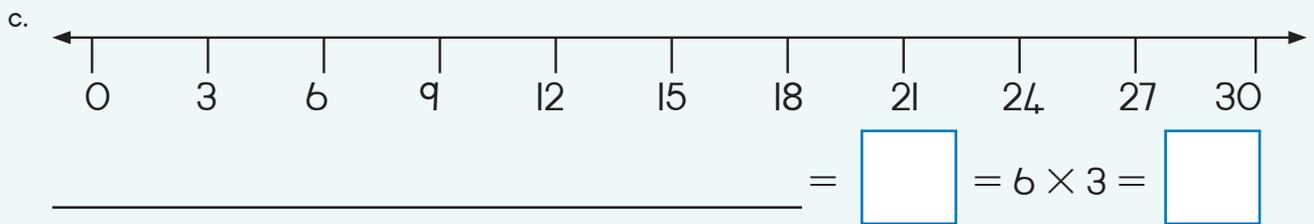
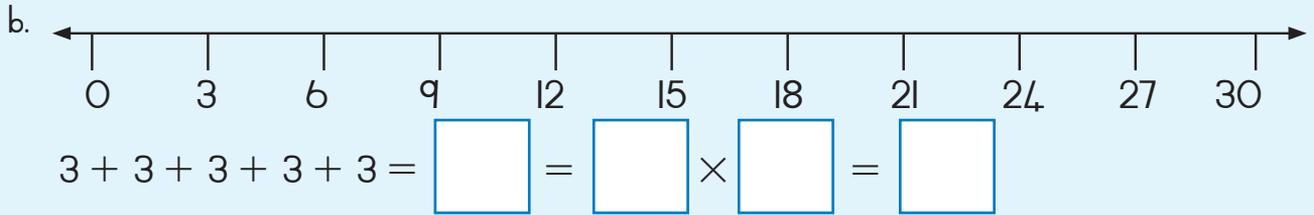


Amanambalayini

Landela isibonelo.



$$a. \quad 3 + 3 + 3 + 3 = \boxed{\quad} = 4 \times 3 = \boxed{\quad}$$



Ibhayisigili enamavili ama-2 neembhayisigili-ezimavilintathu ama-3



Esitolo seembhayisigili uBusi ubala amavili weembhayisigili neweembhayisigili-ezimavili-ntathu.

Kunamavili ali-14 sele awoke.

Kuneembhayisigili ezingaki lapho? _____

Kuneembhayisigili-ezimavili-ntathu ezingaki lapho? _____

Teacher: _____
 Sign: _____
 Date: _____

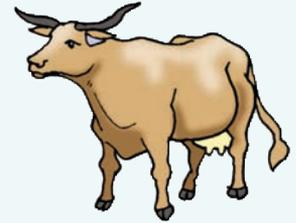
Ngikuphi okuza ngaku-4?



Imilenze emine

"Iinkomo", ziinenyawo ezine.

Amaphuzu amanye
weenomboro ezi-4 ...
 $4 + 4 = 8$; $2 \times 4 = 8$



Khuyini godu okukhamba ngakune? _____



Bala imilenze

Yaba iimpendulo.
Hlathulula kobana wenzeni.

Sebenzisa amaphuzu owaziko mayelana naku-4 ukuphendula imibuzo le:

Ikomo e-1  <input type="text" value="4"/> imilenze	Iinkomo ezi-2  <input type="text" value="8"/> imilenze
Iinkomo ezi-3  <input type="text"/>	Iinkomo ezi-4  <input type="text"/>
Iinkomo ezi-5  <input type="text"/>	Iinkomo ezi-6  <input type="text"/>
Iinkomo ezi-7  <input type="text"/>	Iinkomo ezi-8  <input type="text"/>
Iinkomo ezi-9  <input type="text"/>	Iinkomo ezi-10  <input type="text"/>



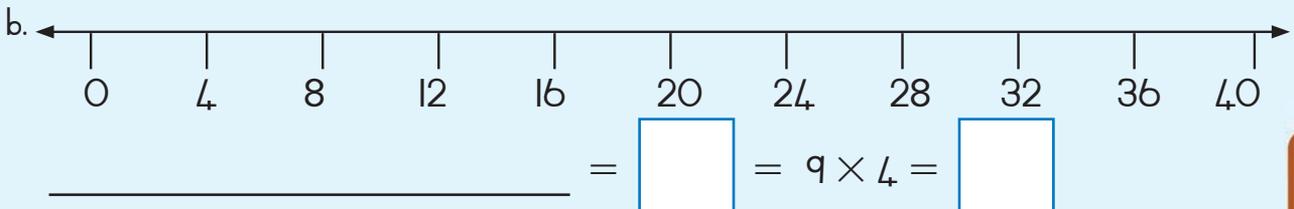
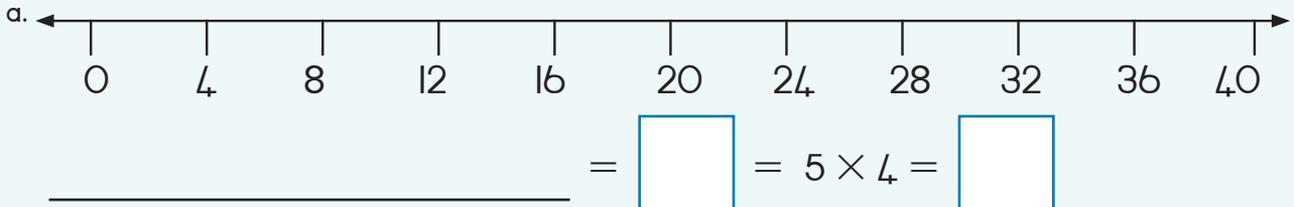
Qedelela itheyibula elandelako. Sebenzisa isibonelo ukubanelemuko.

Iinkomo ezi-3 zinemilenze eli- _____	$4 + 4 + 4 = 4 \times 3 = \underline{12}$
Iinkomo ezi-5 zinemilenze eli- _____	
Iinkomo ezi-4 zinemilenze eli- _____	
Iinkomo ezi-7 zinemilenze eli- _____	
Iinkomo ezi-8 zinemilenze eli- _____	



Amanambalayini

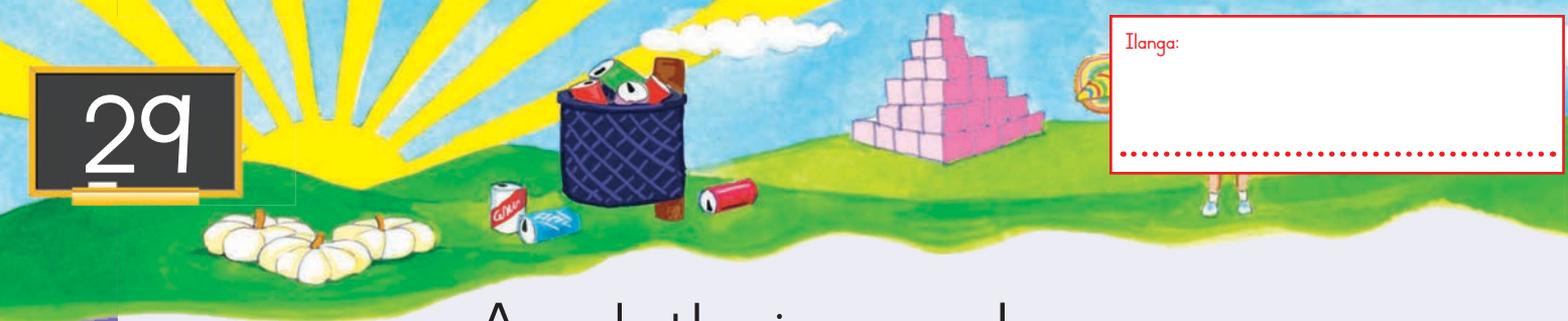
Yenza isibalo sokubuyabuyelela phezulu kwenambalayini bese uyaqedelela usebenzise ukweqa.



Teacher: _____

Sign: _____

Date: _____



Amaphetheni ngeenomboro



Amaphetheni wegridi

Ngijiphi iphetheni yeenomboro eyenza iindulungu ekutjengiseni igridi ngayinye ye-100? Dweba iindulungu ezingaphezulu ukuqedelela iphetheni ngayinye. Tlola ibizo lephetheni.

a. Iphetheni: _____

					o					o
					o					o
					o					o
					o					o
					o					o
					o					o
					o					o

b. Iphetheni: _____

	o		o		o		o		o
	o		o		o		o		o
	o		o		o		o		o
	o		o		o		o		o
	o		o		o		o		o
	o		o		o		o		o
	o		o		o		o		o

c. Iphetheni: _____

		o			o				o
	o			o			o		
o			o			o			o
		o			o			o	
	o			o			o		
o			o						

d. Iphetheni: _____

			o				o		
	o			o				o	
		o				o			
	o			o				o	



Zenzele iphetheni yakho

- a. Kilephetheni yeenomboro, iinomboro zoke ziyalingana.
Inomboro enye ingaba yini? Zitlola ngaphakathi.



- b. Kilephetheni yeenomboro, iinomboro zoke azilingani.
Ezinye iinomboro zingaba yini? Zitlola ngaphakathi.



Ingabe zifanele zibe kuphi?



Iphetheni yangaku-3 neyangaku-4	Iphethe yangaku-3 neyangaku-5	Iphetheni yangaku-4 neyangaku-5
Isibonelo: 48		



Elwandle

UThambi udobha amacephe welwandle ahlangana kwama-60 nama-70

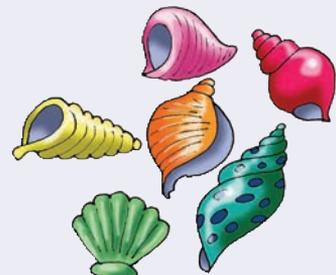
Uwabala ngaku-3, usele nali-1.

Iinomboro ekungabangizo ngilezi: 61, _____, _____, 70,

Nakabala nga-5, usalelwa ku-4.

Iinomboro ekungizo ngilezi: _____, _____.

UThambi unamacephe amangaki? _____



Teacher: _____
Sign: _____
Date: _____

Ukwehlukana



Yabelana ngamaswidi.



- a. Yabela abentwana ababili ngokulingana amaswidi ama-30.



Singatlola ngendlela elandelako:

$$30 \div 2 = 15$$

- b. Yabela ngokulingana amaswidi hlangana nabentwana abathathu.



$$\div =$$

- c. Amaswidi ahlukiselwe abentwana aba-5



$$\div =$$



Singasebenzisa iinomboro zamabhlogo ukwabelana.

<table style="margin: auto; border: none;"> <tr> <td style="border: 1px solid black; padding: 5px; background-color: #00aaff; color: white;">2</td> <td style="border: 1px solid black; padding: 5px; background-color: #ff0000; color: white;">8</td> <td style="font-size: 2em; padding: 0 10px;">÷</td> <td style="border: 1px solid black; padding: 5px; background-color: #ff0000; color: white;">2</td> <td style="font-size: 2em; padding: 0 10px;">=</td> <td style="border: 1px solid black; padding: 5px; background-color: #00aaff; color: white;">1</td> <td style="border: 1px solid black; padding: 5px; background-color: #ff0000; color: white;">4</td> </tr> </table>		2	8	÷	2	=	1	4
2	8	÷	2	=	1	4		

Kwanje yenza lokhu.

a.

<table style="margin: auto; border: none;"> <tr> <td style="border: 1px solid black; padding: 5px; width: 30px; height: 30px;"> </td> <td style="border: 1px solid black; padding: 5px; width: 30px; height: 30px;"> </td> <td style="font-size: 2em; padding: 0 10px;">÷</td> <td style="border: 1px solid black; padding: 5px; background-color: #ff0000; color: white; width: 30px; height: 30px;">3</td> <td style="font-size: 2em; padding: 0 10px;">=</td> <td style="border: 1px solid black; padding: 5px; width: 30px; height: 30px;"> </td> <td style="border: 1px solid black; padding: 5px; width: 30px; height: 30px;"> </td> </tr> </table>				÷	3	=		
		÷	3	=				

b.

	<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; height: 100px;"> </td> </tr> </table>							
<table style="margin: auto; border: none;"> <tr> <td style="border: 1px solid black; padding: 5px; width: 30px; height: 30px;"> </td> <td style="border: 1px solid black; padding: 5px; width: 30px; height: 30px;"> </td> <td style="font-size: 2em; padding: 0 10px;">÷</td> <td style="border: 1px solid black; padding: 5px; background-color: #ff0000; color: white; width: 30px; height: 30px;">4</td> <td style="font-size: 2em; padding: 0 10px;">=</td> <td style="border: 1px solid black; padding: 5px; width: 30px; height: 30px;"> </td> <td style="border: 1px solid black; padding: 5px; width: 30px; height: 30px;"> </td> </tr> </table>				÷	4	=		
		÷	4	=				



Teacher: _____

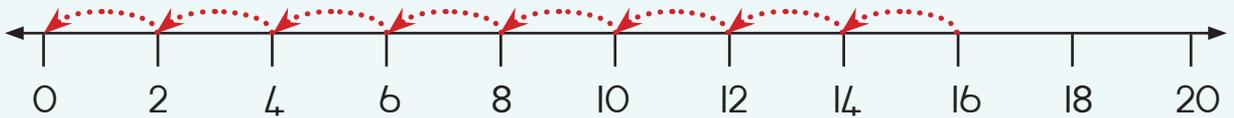
Sign: _____

Date: _____

Ukwehlukanisa (kuragela phambili)



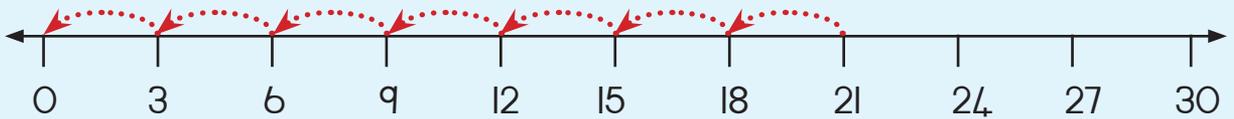
Sebenzisa amanambalayini ukutlola umutjho weenomboro okhuphako nanyana ohlukanisako. Isibonelo:



$$16 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 = 0$$

$$16 \div 2 = 8$$

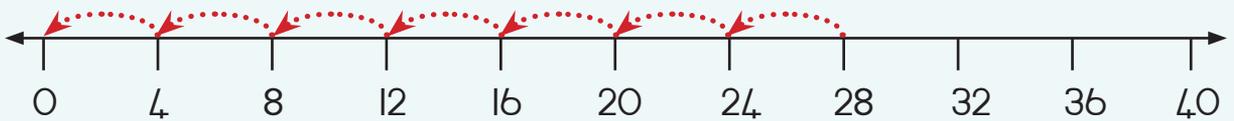
a.



$$21 - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$\boxed{\hspace{1cm}} \div \boxed{\hspace{1cm}} = \underline{\hspace{2cm}}$$

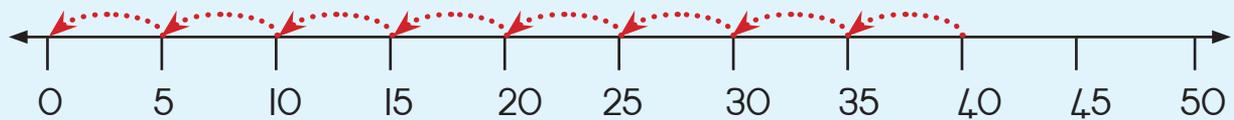
b.



$$28 - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$\boxed{\hspace{1cm}} \div \boxed{\hspace{1cm}} = \underline{\hspace{2cm}}$$

c.



$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$\boxed{\hspace{1cm}} \div \boxed{\hspace{1cm}} = \underline{\hspace{2cm}}$$



Thala inambalayini urarulule imitjho yeenomboro.

a. $30 \div 5 =$



b. $22 \div 2 =$



c. $27 \div 3 =$



d. $32 \div 4 =$



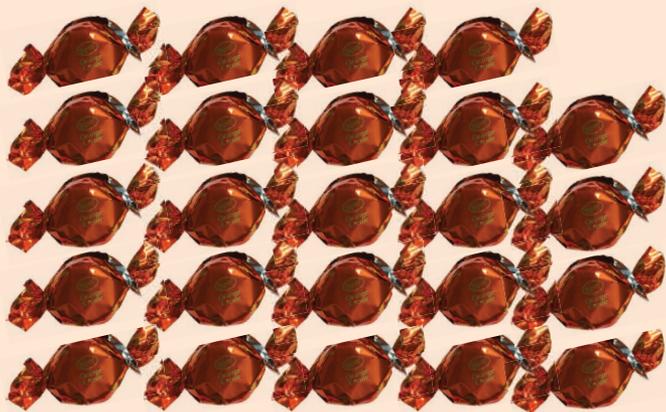
e. $25 \div 5 =$



Iselele

Tjengisa iindlela ongazilandela ukwabela iinqhema zabentwana amaswidi ama-24 ngokulingana.

Tlola umutjho weenomboro ukutjengisa ipendulo yakho.

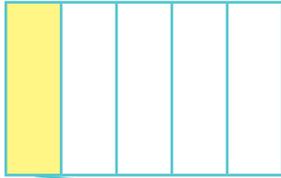


Teacher: _____
 Sign: _____
 Date: _____

Amacezu

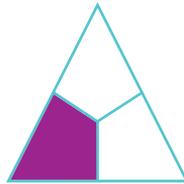


Thala umuda umadanise ibumbeko necezu elifaneleko.



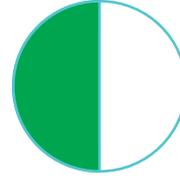
$$\frac{1}{3}$$

ingcenywe yakuthathu



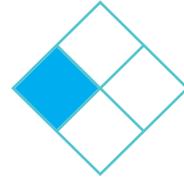
$$\frac{1}{5}$$

ingcenywe yakuhlano



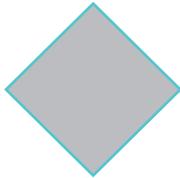
$$\frac{1}{4}$$

ingcenywe yekotara



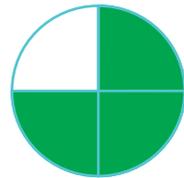
$$\frac{1}{2}$$

ingcenywe yehafu



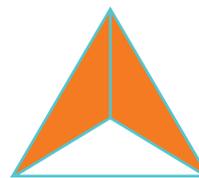
iingcenywe
ezintathu
zamakotara

$$\frac{3}{4}$$



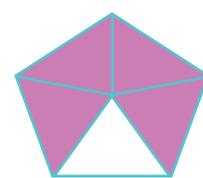
iingcenywe
ezine
zakuhlano

$$\frac{4}{5}$$



Okukodwa
okuzeleko

$$1$$



iingcenywe
eziimbili
zakuthathu

$$\frac{2}{3}$$

Hlukanisa bese uyakhalara:



$$\frac{1}{2}$$

ingcenywe yehafu



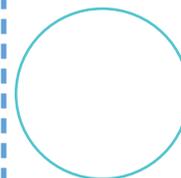
$$\frac{1}{3}$$

ingcenywe yakuthathu



$$\frac{1}{4}$$

ingcenywe yekotara



$$\frac{1}{5}$$

ingcenywe yakuhlano

Tjengisa icezu ngokuthala umuda osuka enomborweni enembako yamasbidi.



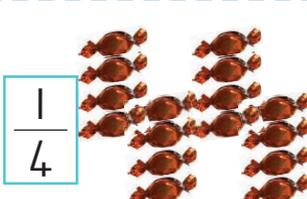
$$\frac{1}{2}$$

ingcenywe yehafu



$$\frac{1}{3}$$

ingcenywe yakuthathu



$$\frac{1}{4}$$

ingcenywe yekotara



$$\frac{1}{5}$$

ingcenywe yakuhlano



Yabela abentwana ababili iimbalisi.

<table border="1" style="width: 100%; height: 100%;"> <tr> <td style="text-align: center;">😊</td> <td style="text-align: center;">😊</td> </tr> <tr> <td style="text-align: center;">●●</td> <td style="text-align: center;">●●</td> </tr> </table>	😊	😊	●●	●●	<table border="1" style="width: 100%; height: 100%;"> <tr> <td style="text-align: center;">😊</td> <td style="text-align: center;">😊</td> </tr> <tr> <td style="text-align: center;">●●●</td> <td style="text-align: center;">●●●</td> </tr> </table>	😊	😊	●●●	●●●	<table border="1" style="width: 100%; height: 100%;"> <tr> <td style="text-align: center;">😊</td> <td style="text-align: center;">😊</td> </tr> <tr> <td style="text-align: center;">●●●●</td> <td style="text-align: center;">●●●●</td> </tr> </table>	😊	😊	●●●●	●●●●	<table border="1" style="width: 100%; height: 100%;"> <tr> <td style="text-align: center;">😊</td> <td style="text-align: center;">😊</td> </tr> <tr> <td style="text-align: center;">●●●●●</td> <td style="text-align: center;">●●●●●</td> </tr> </table>	😊	😊	●●●●●	●●●●●
😊	😊																		
●●	●●																		
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●●●●●	●●●●●																		
<ul style="list-style-type: none"> • Omunye nomunye ufunyene iimbalisi ezi- <u>2</u> • Ihafu yeembalisi ezi- <u>4</u> ngu <u>2</u>. 	<ul style="list-style-type: none"> • Omunye nomunye ufunyene iimbalisi ezi- <u> </u> • <u> </u> yaka <u> </u> ngu <u> </u>. 	<ul style="list-style-type: none"> • Omunye nomunye ufunyene iimbalisi ezi- <u> </u> • <u> </u> yaka <u> </u> ngu <u> </u>. 	<ul style="list-style-type: none"> • Omunye nomunye ufunyene iimbalisi ezi- <u> </u> • <u> </u> yaka <u> </u> ngu <u> </u>. 																
$4 \div 2 = 2$	$___ \div ___ = ___$	$___ \div ___ = ___$	$___ \div ___ = ___$																



Yabela abentwana amaswidi ngokulingana.

<table border="1" style="width: 100%; height: 100%;"> <tr> <td style="text-align: center;">😊</td> <td style="text-align: center;">😊</td> <td style="text-align: center;">😊</td> <td style="text-align: center;">😊</td> </tr> <tr> <td style="height: 80px;"></td> <td></td> <td></td> <td></td> </tr> </table>	😊	😊	😊	😊					<table border="1" style="width: 100%; height: 100%;"> <tr> <td style="text-align: center;">😊</td> <td style="text-align: center;">😊</td> <td style="text-align: center;">😊</td> </tr> <tr> <td style="height: 80px;"></td> <td></td> <td></td> </tr> </table>	😊	😊	😊			
😊	😊	😊	😊												
😊	😊	😊													
<ul style="list-style-type: none"> • ikotara amaswidi = 3 • amakotara amabili amaswidi = <u> </u> • amakotara amathathu amaswidi = <u> </u> • amakotara amane amaswidi = <u> </u> 	<ul style="list-style-type: none"> • isiquntu esisodwa sesithathu amaswidi = <u> </u> • iinquntu ezimbili zesithathu amaswidi = <u> </u> • iinquntu ezintathu zesithathu amaswidi = <u> </u> 														



Teacher: _____

Sign: _____

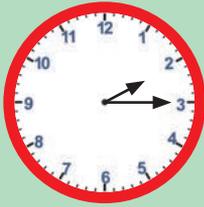
Date: _____



Ukuya ngesidleni

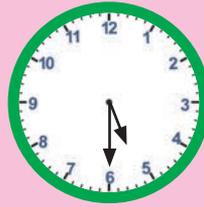
Singatlola isikhathi esifanako ngeendlela ezihlukileko.

Sekusikhathi



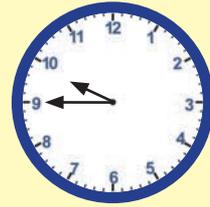
2:15

likotara ngemva
kwelesibili



5:30

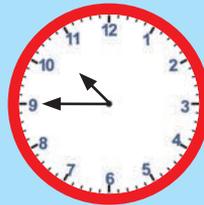
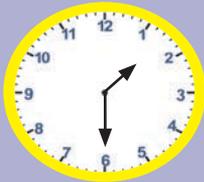
siquntu ngemva
kwelesihlanu



9:45

likotara ngaphambi
kweletjhumi

Tlola lokhu ngeendlela ezimbili ezihlukileko.





Ukuya ekhaya

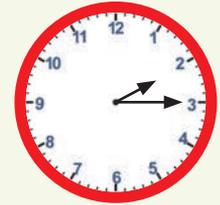
UBen uthatha isikhathi esingangani ukufika ekhaya?

imizuzu

ama-iri



UBen usuka
esikolweni.



UBen ufika
ekhaya.



Isikhathi siyagijima

Isikhathi ngaku-2 ...



Mingaki ...

imizuzu ema-irini ama-2? _____

ama-iri ngamalanga ama-2? _____

amalanga ngeemveke ezi-2? _____

iinyanga ngeminyaka emi-2? _____



Malanga amangaki?

UMrhayili 27 liLanga leKululeko.

UMgwengweni 16 liLanga leLutjha.

USihlabantanga						
Mvl	Lsb	Lst	Lsn	Lsh	Mga	Snd
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

UMrhayili						
Mvl	Lsb	Lst	Lsn	Lsh	Mga	Snd
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

UMgwengweni						
Mvl	Lsb	Lst	Lsn	Lsh	Mga	Snd
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

- Ukusukela ngelanga lekuleleko ukufika ngelanga labatjha kuna _____ weenyanga zoke, _____ wamaveke woke na. _____ wamalanga.
- Zingaki iimveke zoke kikho koke? _____ Mangaki amalanga aseleko? _____. Mangaki amalanga kikho koke? _____.
- Ilanga lamabeletho wakaLebo limalanga ali-7 ngaphambi kweLanga leKululeko. Ilanga lamabeletho wakaMusa limalanga amabili ngemva kwelanga leLutjha. Ngubani omdala? _____ Ngamalanga amangaki? _____

Tjhega. Madanisa.
Lungisa.



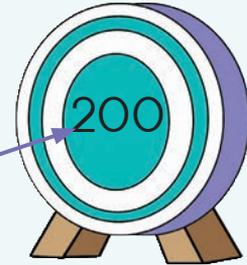
Teacher: _____
Sign: _____
Date: _____

Kunqotjhiwe kuma-200



Balani iinomboro

Balani benitjho zoke iinomboro kusukela e-101 ukuya ema-200.
Khombani nanilokhu nibala.



101	102								
111									
121									
131									
								149	
			154						
				165					
		173							180
181					186				
							198		200



Tlolani iinomboro

- Tlolani inomboro etlhayelako esikwereni ngasinye esihlaza kwesibhakabhaka.
- Tlolani zoke ezinye iinomboro.
- Tlolani iinomboro ezili-10 ezilandelako ngemva kwama-200.

200; _____; _____; _____; _____; _____; _____; _____; _____; _____



Ingangani imeqo?

a.

200		180			
					110
50					
				0	

b.

87		107	
167			
		207	
			237



Qedelela

200	+	30	+	5	=	235
200	+	40	+	7	=	_____
200	+	60	+	8	=	_____
	+		+		=	293
	+		+		=	256

Hlela iinomboro zilandelane kusuka kencani kuye kekulu.



Balani kusukela e-100

Zalisa amabhoksi anganalitho ngokubala kobana ngikuphi okutlhogako ukufika enomborweni elandelako.

Thomani

100	→ +25 →	125	→		→	129	→		→	138
-----	---------	-----	---	--	---	-----	---	--	---	-----

Qedani

168	←		←	157	←		←	151	←		←	145
-----	---	--	---	-----	---	--	---	-----	---	--	---	-----



Teacher: _____

Sign: _____

Date: _____



Ukusebenza ngamabuthhelelo weenomboro

Ukupaka amakerese

UNaNkosi usebenza efemini yamakerese.

Lokha amakerese nasele alungile, uwapaka ngendlela le elandelako ngamathreyi eenrageni.



Kunamakerese amangaki ethreyini ngayinye? _____

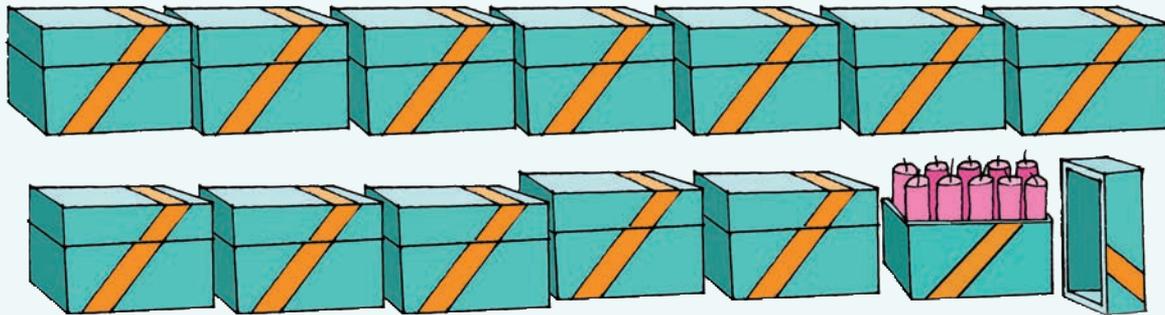
Kunamathreyi amangaki erageni ngayinye? _____

Kunama-keresi amangaki erageni ngayinye? _____



Amabhoksi wamakerese

Okulandelako uNaNkosi uvala amabhoksi.



a. Bala amabhoksi.

Mangaki? _____

Amakerese mangaki selawoke? _____

Kufanele kwenziwe mangaki amanye amabhoksi ukwenza ama-200 wamakerese? _____

b. Mangaki amabhoksi we-:

amabhoksi ama-2, _____ 	amabhoksi ama-4, _____ 
amabhoksi ama-5, _____ 	amabhoksi ama-3, _____ 
amabhoksi ama-6, _____ 	amabhoksi ama-7, _____ 

c. Mangaki amabhoksi awadingako we:

40  _____ amabhoksi	70  _____ amabhoksi
50  _____ amabhoksi	30  _____ amabhoksi



Teacher: _____

Sign: _____

Date: _____

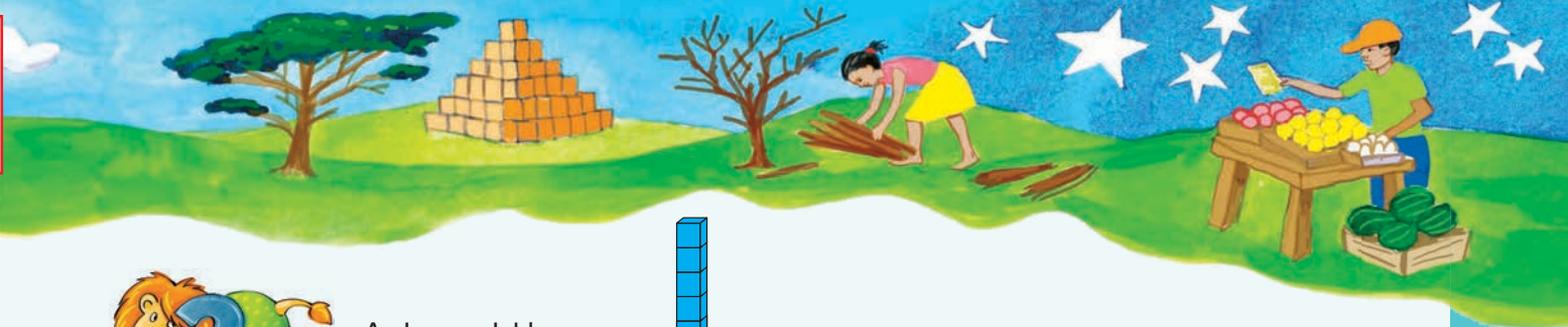
Ukubeka amatjhumi ndawonye nokuwahlukanisa



Ukubeka amatjhumi ndawonye lokha nasihlanganisako.

<p>Asihlanganiseni $56 + 73 =$</p>		<p>+</p>
	<p>amatjhumi ama-5 namayunidi ama-6</p>	<p>amatjhumi ali-7 namayunidi ama-3</p>

100s	10s	1s
<p>Nasele kukoke sinamatjhumi ali-12. Singabeka amatjhumi ama-10 ndawonye ukwenza ikhulu li-1.</p>		



Asilingeni lokhu.



= ne

=

Isibonelo: $82 + 34$

$100 + 20 + 6 = 126$	

b. $65 + 52$

c. $76 + 63$

d. $86 + 65$



Teacher: _____

Sign: _____

Date: _____

Ukubeka amatjhumini ndawonye nokuwahlukanisa (kuragela phambili)



Sebenzisa amabhlogo wobukhulu beenomboro.

Sebenzisa amabhlogo wobukhulu beenomboro ukwenza iinomboro ezimbilezi.	Koke ndawonye mangaki amatjhumini? bangaki abowani?	Ingabe uhlele amatjhumini namkha abowani? Tjhega ubukhulu beenomboro lapho uhlela kabutjha.	Tlola inomboro.
$23 + 99 =$	____ amatjhumini ____ abowani	abawani aba-11 + amayunidi ali-12 $= 110 + 12$	122
$38 + 25 =$	____ amatjhumini ____ abowani		
$77 + 31 =$	____ amatjhumini ____ abowani		
$68 + 45 =$	____ amatjhumini ____ abowani		
$83 + 47 =$	____ amatjhumini ____ abowani		



Asibekele amatjhumini ngeqadi lokha nasikhuphako

Lokha nasikhuphako, kesinye isikhathi sitlhoga kobana sitjengise itjhumini linye njengabowani abalitjhumini, namkha ikhulu njenge-10 elimatjhumini.

Asikhuphe kuma: $60 - 55 =$

Sithoma amatjhumini amathandathu begodu hayi abowani. Sifuna ukukhupha amatjhumini amahlanu nabowani abahlanu

(abowani esibasusako sibafake umbala omlotha.)

Singatjengisa amatjhumini amathandathu nje.	Namkha njengamatjhumini amahlanu nabowani abalitjhumini.	Susa amatjhumini amahlanu nabowani abahlanu. Abowani abahlanu basele.
		$60 - 55 = 5$



Asilingeni lokhu.

a. $70 - 28$

7 amatjhumi	6 amatjhumi ne-10 labowani	$70 - 28 =$	

b. $90 - 46$

c. $80 - 53$



Fumana ipara yeenomboro

a.

200	
30	

b.

200	
70	

c.

200	
	105

d.

200	
85	



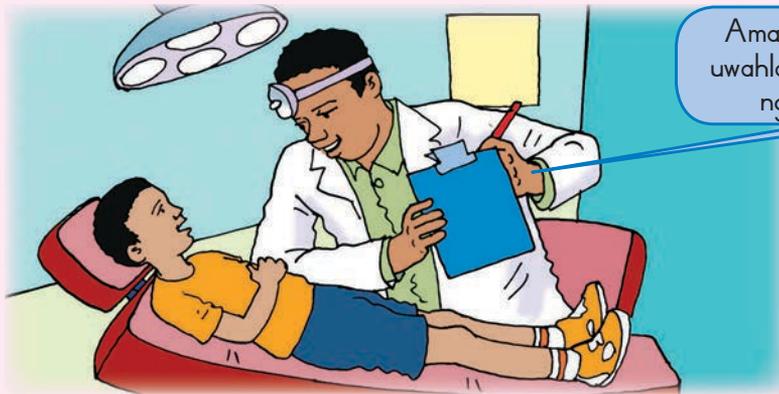
Teacher:
Sign:
Date:



Ukuvakatjhela udorhodere wamazinyo



Isiqhema sabentwana sivakatjhela udorhodere wamazinyo.



Amazinyo wakho uwahlamba kangaki ngelanga?

Lokhu ngilokho abentwana abamtjela khona



	✓	✓	✓	✓	✓	✓	✓	✓	✓										
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓														

a. Bala amathiki atjengisa kobana abentwana bahlamba amazinyo wabo kangaki. Tlola iinomboro (✓).

 Kanye ngelanga	
 Kabili ngelanga	
 Kathathu ngelanga	

b. Ubona ini phezulu kwetafula?

Inengi labentwana lihlamba amazinyo wabo _____ ngelanga.

Kunabentwana aba _____ esiqhemeni.



Gwala/Dweba igrafu yeenthombe ezitjengisa kobana abentwana bawahlamba kangaki amazinyo wabo ngelanga.



l = kanye



Yenza iphenyo ngetlasini lakho. Buza abentwana abahlangana ne-15 – 20.

a. Bawahlamba kangaki amazinyo ngelanga? _____

b. Gwala igrafu yeenthombe efana nale engehla ukuze utjengise okufunyeneko.



Teacher:

Sign:

Date:

Hlanganisa



Tlola inani lakho

UBusi angahlanganisa **ngamayunidi**-I begodu **nangamatjumi** begodu ahlele kabutjha. Angahlanganisa begodu akhuphe ephepheni, elinganabhlogo. Kesinye isikhathi uthanda ukuthoma ngamakarada weenomboro zakhe ukutjengisa iinomboro.

Ngalokho enanini lama- $56 + 73$, ufumana amakarada lawa:

$$\begin{array}{|c|c|c|} \hline 5 & 0 & 6 \\ \hline \end{array} + \begin{array}{|c|c|c|} \hline 7 & 0 & 3 \\ \hline \end{array}$$

Uhlanganisa ngaku-I bese ubeka phasi amakarada ali-9.

Uyazi: $50 + 70 = 120$.

Uthatha **amakhulu**, **namatjumi** begodu nekarada **lamayunidi**

ukwenza inomboro enamadijidi ama-3.

9

100

20

9

Uyitlola ngendlela le:

$$\begin{aligned} &50 + 70 + 6 + 3 \\ &= 50 + 70 + 9 \\ &= 120 + 9 \\ &= 100 + 20 + 9 \\ &= 129 \end{aligned}$$

UTumi uyazi kobana amabhlogo asebenza njani.

Wenza ama- $56 + 73$ ngendlela le:

$$\begin{array}{r} 50 + 6 + 70 + 3 \\ \swarrow \quad \searrow \\ 120 + 9 \\ = 129 \end{array}$$



U-Aakar uthanda ukwenza lokhu: Ngithanda ukwenza okupheleleko. Le ngiyenza ngendlela le:

$$\begin{aligned} &56 + 73 \\ &= 50 + 70 + 10 - 1 \\ &= 130 - 1 = 129 \end{aligned}$$





Kwanje akhe ulinge lokhu ngokwakho. Yenza kunye ngendlela ezimbili ezihlukeneko.

a. $86 + 62$

Indlela yakaBusi.

$$80 + 60 + 6 + 2$$



Indlela yaka-Dumi

$$80 + 6 + 60 + 2$$



b. $72 + 63$

c. $81 + 57$

d. $69 + 71$

Sebenzisa iindlela ka-Aakar ukwenza lokhu.



Teacher: _____

Sign: _____

Date: _____



Hlanganisa (kuragela phambili)

Kwanje asikhuphe.

a. $87 - 53$

Indlela yakaBusi.

$$\begin{aligned} 80 - 50 + 7 - 3 \\ = 30 + 4 \\ = 34 \end{aligned}$$



Indlela yaka-Tumi

$$\begin{aligned} 80 + 7 - 50 + 3 \\ = 30 + 4 \\ = 34 \end{aligned}$$



b. $95 - 73$

c. $86 - 62$

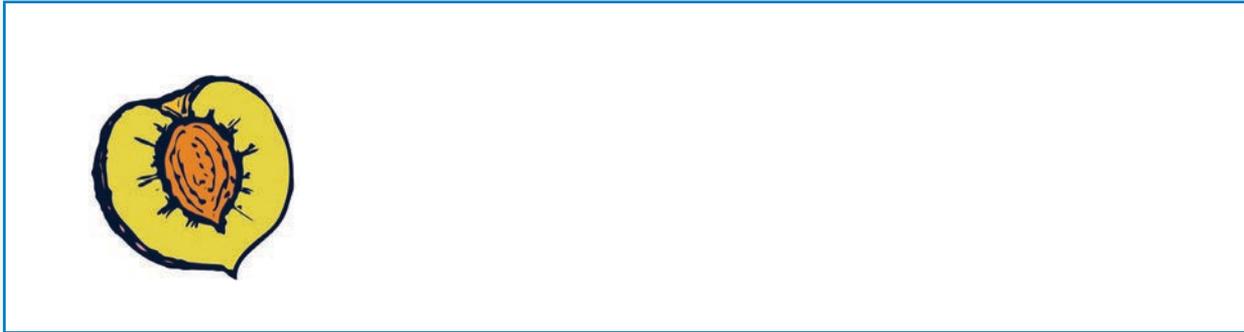
d. $85 - 69$



Rarulula!

Kuneendlela ezinengi zokuhlanganisa **ngamayunidi nangamatjumi** ndawonye. Khetha indlela oyaziko begodu noyithanda khulu ukurarulula imiraro le. Tjengisa umsebenzakho.

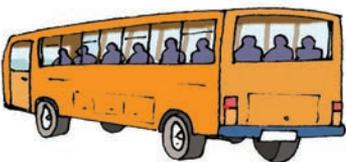
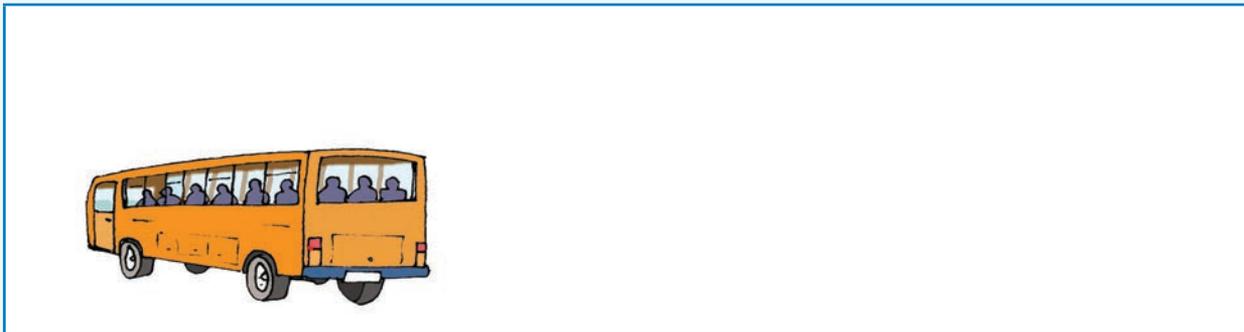
- a. UPeter uthoma ngokudobha iimperegisi ezima-34 begodu neemperegisi ezima-67. Zingaki iimperegisi nasele zizoke?



- b. Abentwana bakaMalusi babulunga ama-R47 nasele awoke. Unina ubanikela ngaphezulu amaranda ama-R58. Sebanamalini kwanjesi?



- c. Ibhesi yesikolo ikhamba 88 km ekuseni begodu 73 km ngemva kwedina. Mangaki ama-km nasele awoke?



Teacher: _____
 Sign: _____
 Date: _____



Rarulula!

Sebenzisa enye nenye indlela oyithandako.
Tjengisa umsebenzakho.



Iimvalo zamabhodlelo



USipho



U-Andile

USipho ubala iimvalo zamabhodlelo ezima-87. U-Andile ubala ezima-38.

USipho ubale iimvalo ezingaki ngehla kwakaSandile?



Ikhonsadi yesikolo



UMusa



UMusa uthengise amathikithi. Unamathikithi ama-92 athoma ngawo. Usele nama-67.

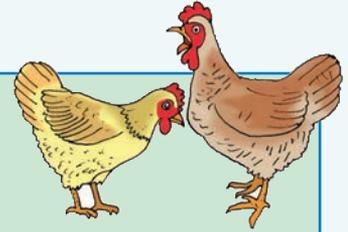
Bekube njenganje uMusa sele athengise amathikithi amangaki?



Ukuzijayeza



Kunamadzinyani ama-69 ngepanini yinye begodu ama-95 angakenye. Kuneenkukhu ezingaki lapho nasele zizoke? Funda kobana uGugu noAakar bawusombulula njani umraro.



Indlela kaGugu

$$\begin{aligned} &60 + 90 + 9 + 5 \\ &= 100 + 50 + 14 \\ &= 150 + 10 + 4 \\ &= 164 \end{aligned}$$



Indlela kaAakar

$$\begin{aligned} &69 + 95 \\ &= 70 + 95 - 1 \\ &= 70 + 90 + 5 - 1 \\ &= 160 + 4 \\ &= 164 \end{aligned}$$

Ingabe uyazi kobana kubayini Ngikhuphe ku-1?



a. Abesana babuthelela ama-R96 ukulungiselela ikhambo letlasi. Abentazana babuthelela ama-R79. Ingabe babuthelele malini nasele iyoke?

Sebenzisa indlela kaGugu

Sebenzisa indlela kaAakar

b. Isikolo sinye sibuthelela amabhlegana ama-76 kg. Esinye isikolo sibuthelela amabhlegana ama-68 kg. Ma-kg amangaki wamabhlegana abuthelelwe ziinkolo ezimbili nasele awoke?

Sebenzisa indlela kaGugu

Sebenzisa indlela ka-Aakar



Teacher:

Sign:

Date:

Bala bewubalisise



Fumana ingcenywe
Tlola iinomboro ezitlhayelako.

a.

100	
	27

b.

100	
39	

c.

100	
43	

d.

100	
56	

e.

200	
140	

f.

200	
	110

g.

200	
135	

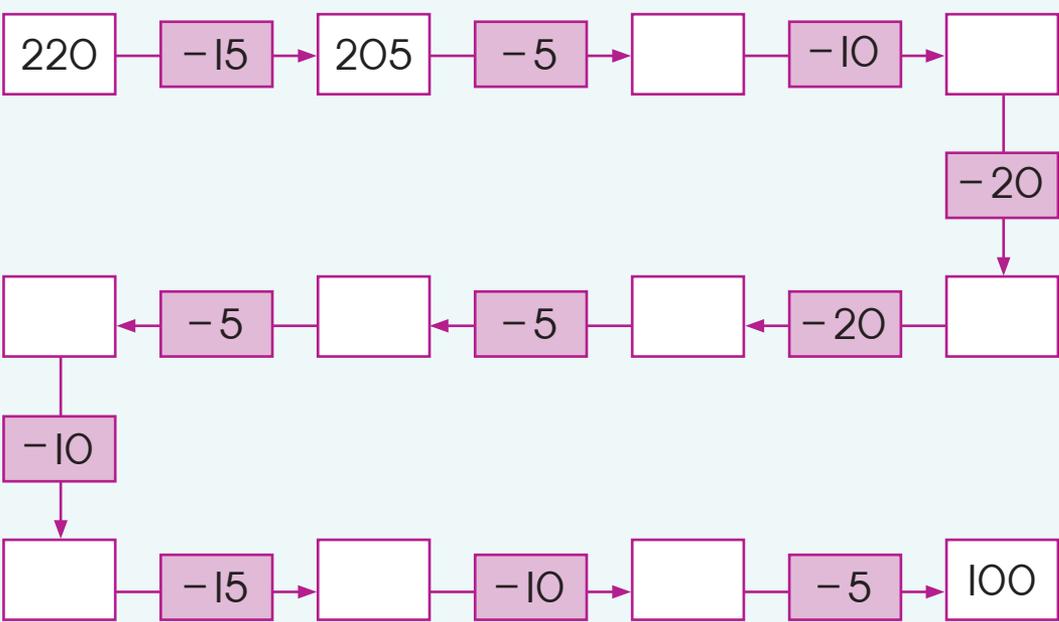
h.

200	
	120



Ukukhupha sinyovana kusukela ema-220 ukuya e-100.

Ukhupha inomboro engebhoksini elipinki.
Yokuthoma selewenzelwe yona.



Nasi indlela yokutjhega iimpendulo zakho!
Thoma e-100!
Sebenzela emva ukuya ema-220.
Kodwana kwanjesi, hlanganisa iinomboro.



Imindeni yangabathathu

Fumana iinomboro ezi-3 ezihlanganisa inomboro enqophiweko. Kodwana kufanele ulandele umthetho othi yinomboro yinye kwaphela engaphelela ngo-0.

Isibonelo:



Amatjumi ama-50 ngaphezulu namatjumi ama-50 ngaphasi.

Tlola iimpendulo emideni wesi-2.

+50	70	125	150	81	96	122	134	111	70
	120								
-50	186	200	158	179	139	79	126	138	99
	136								

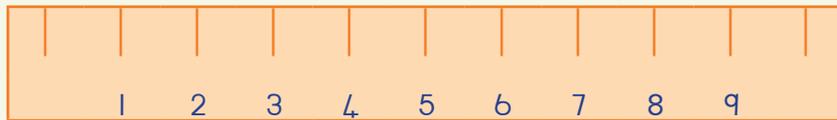


Teacher: _____
 Sign: _____
 Date: _____

Ukumeda ngamasenthimitha



Isentimitha lingangani?



Iinomboro eruleni zijamele **amasenthimitha**.

Sisebenzisa isirhunyezo namkha itshwayo **cm**.

Lokha nawusebenzisa irula, kufanele uthome ukumeda kusukela ku-0.

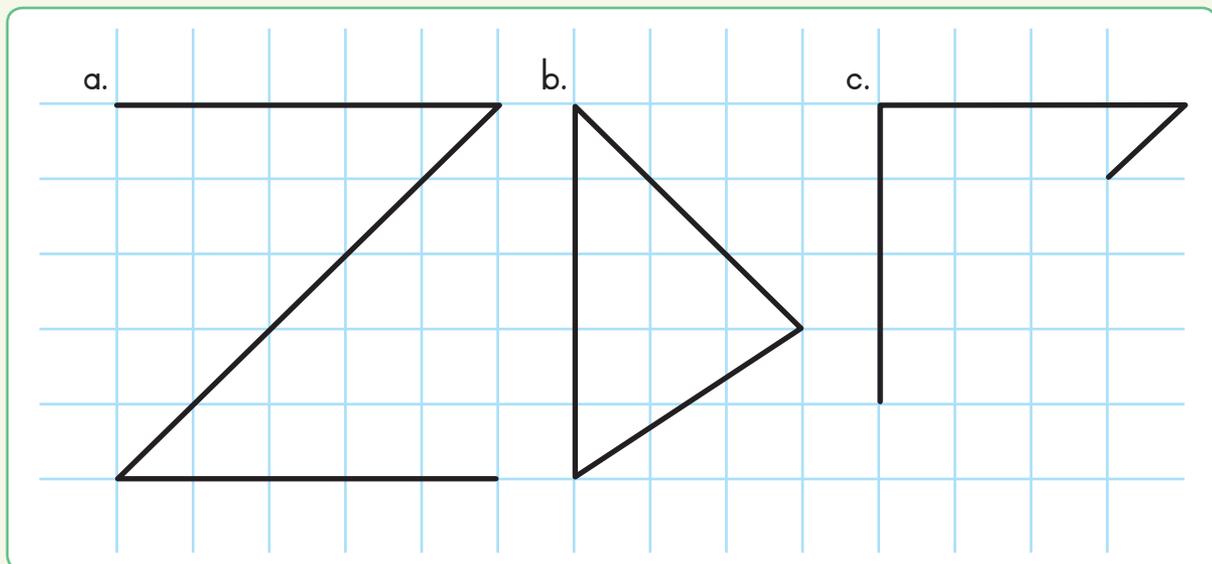
Amanye amarula akatjengisi u-0 njengale esekhasineli.

Fumana uziro cm eruleni. Tlola u-0 eruleni.

Ikuphi i-10 cm eruleni le? Tlola i-10 lapha.



Linganisa, bese ulinganisa ngefanelo ngerula yakho, inani elipheleleko lobude bemida leyo ngama-cm.



a. Linganisa ama-cm

b. Linganisa ama-cm

c. Linganisa ama-cm

Meda ama-cm

Meda ama-cm

Meda ama-cm



Ingabe umuda ngamunye mude kangangani?

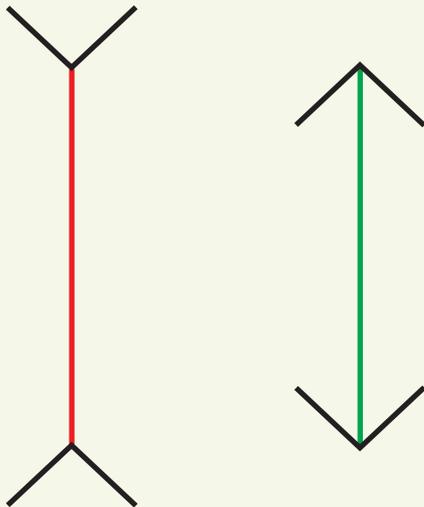
Umuda ngamunye unama-cm amangaki ubude?
Sebenzisa umunwakho ukusize ukuqunta.

a. _____ <input type="text"/> cm	d. <input type="text"/> cm
b. _____ <input type="text"/> cm	e. _____ <input type="text"/> cm
c. _____ <input type="text"/> cm	f. _____ <input type="text"/> cm



Uqinisekile?

Ngimuphi omudenyana, umthala obomvu namkha umthala ohlaza satjani?
Ungatjhega bunjani?



Lokhu ngilokho okubizwa ngokuthi kuphambanisa amehlo. Kwenzeka lokha amehlwakho abona kwangathi kunento kanti ayikho. Imida emibili le iyalingana. Imida enzima elulekela ngaphandle yenza kobana imida ebovu ibonakale kwanga mide kanti imida enzima engenela ngaphakathi yenza imida ehlazakotjani ibonakale kwangamide.



Teacher: _____
Sign: _____
Date: _____

Kunqotjhwe kuma-300



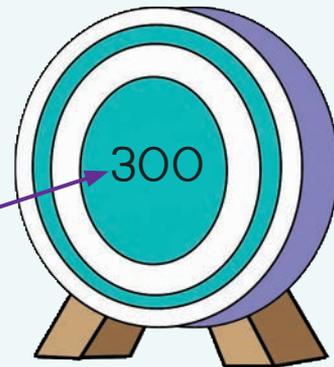
Bala bewutlole ama-200!

Bala kusukela ema-201 ukuya ema-300.

Khomba nawulokhu uragela phambili.

Zalisa iinomboro ezihlaza kwesibhakabhaka qange.

Tlola ebunengini beenomboro.



201						207			210
211									
221									
231									
								249	
			254						
				265					
		273							280
281					286				
							298		300

Tlola iinomboro ezili-10 ezilandela ngemva kwama-300.

300; _____; _____; _____; _____; _____; _____; _____; _____; _____



Khuyini ukweqa?

301		281					
		171					211
					101		



Tjhejisisa begodu umadanise

a. Tlola iinomboro ezingena ngekaradeni elinye nelinye.

298; 208; 301; 276; 227; 269; 311

200							
90							
8							

b. Tlola iinomboro ngokulandelana kusukela kezincani ukuya kezikulu.

_____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____



Ubuyelwa yimalini? Tlola iinomboro ezithlayelako.

Thoma

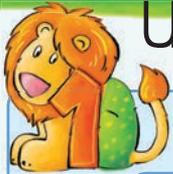
200	+25	225		237		249

Phetha

300		286		278		261



Teacher: _____
 Sign: _____
 Date: _____



Ukuhlanganisa kanye nokukhupha ngama-100

Ukuhlanganisa usebenzise amabhlogo.

$$\begin{array}{r}
 10034 \\
 + 10043 \\
 \hline
 20077
 \end{array}$$


Funyana iindlela ezimbili zokwenza lokhu. Tjengisa ipendulo enye nenge ngendlela ezimbili.

a. $132 + 123$

Indlela yakaBusi

$$\begin{aligned}
 &= 100 + 100 + 30 + 20 + 2 + 3 \\
 &= 200 + 50 + 5 \\
 &= 255
 \end{aligned}$$



Indlela yaka-Tumi

$$\begin{aligned}
 &132 + 123 \\
 &= 200 + 50 + 5 \\
 &= 255
 \end{aligned}$$



b. $114 + 162$



c. $276 + 148$



Funda enye nenze indlela. Sebenza esinye nesinye isibalo ngeendlela ezimbili.

a. $158 - 146$

Indlela yakaBusi

$$\begin{aligned}
 &= 100 - 100 + 50 - 40 + 8 - 6 \\
 &= 0 + 10 + 2 \\
 &= 12
 \end{aligned}$$



Indlela yakaTumi

$$\begin{aligned}
 &158 - 146 \\
 &= 0 + 10 + 2 \\
 &= 12
 \end{aligned}$$



b. $194 - 122$

c. $288 - 199$



Teacher: _____

Sign: _____

Date: _____

Kunqotjhwwe kuma-400

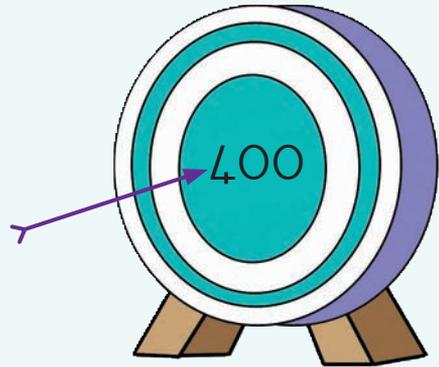


Ukubala kanye nokutlola ama-400

Ukubala kusuka kuma-300 bekufike kuma-400.

Phimisela/Yitjho iinomboro nawulokhu uya phambili ubala.

Tlola iinomboro ezitlhayelako kugridi.



301									310
			315						
									330
331			335						
							249		
			365			368			
	273								
									390
									400

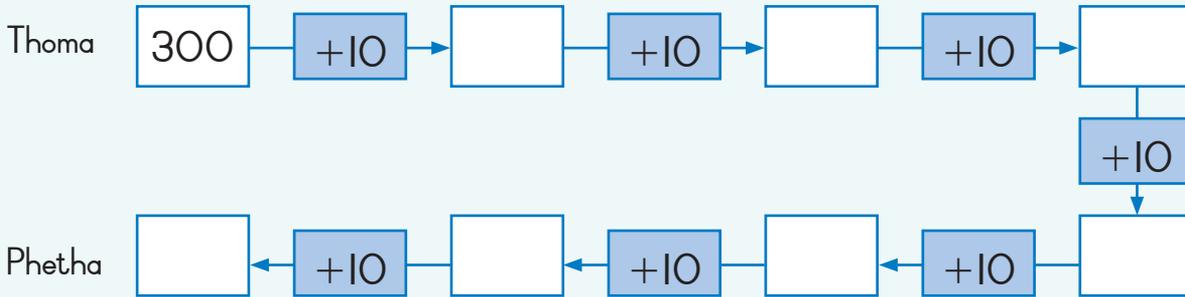
Tlola ezinye iinomboro ezili-9 eziza ngemuva kwama-400.

400; _____; _____; _____; _____; _____; _____; _____; _____; _____;

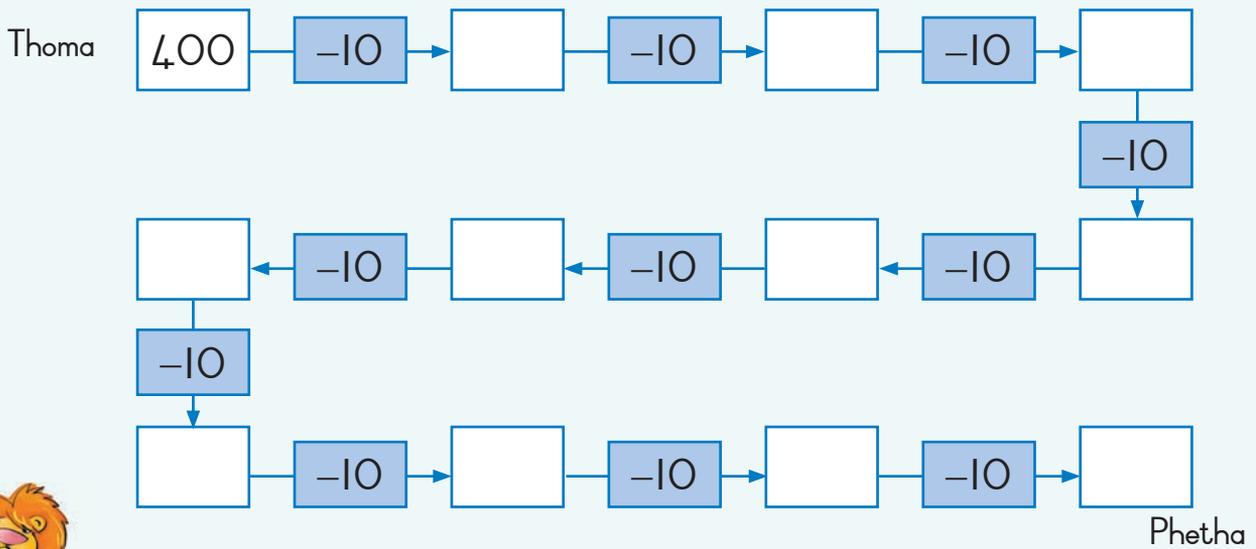


Bala uye phambili ubuye ubale sinyovana.

a. Ukubala kusuka kuma-300 nokuya phambili



b. Bala ukusuka kuma-400 ubuyele emuva ngama-10.



Tlola kube yinomboro eyodwa

$300 + 20 + 4 = \underline{\hspace{2cm}}$

$300 + 10 + 5 = \underline{\hspace{2cm}}$

$300 + 50 + 3 = \underline{\hspace{2cm}}$

$300 + 70 + 7 = \underline{\hspace{2cm}}$

$300 + 60 + 2 = \underline{\hspace{2cm}}$

$300 + 90 + 9 = \underline{\hspace{2cm}}$

$300 + 80 + 1 = \underline{\hspace{2cm}}$

$300 + 40 + 8 = \underline{\hspace{2cm}}$

Tlola inomboro ngokulandelana kusuke kencani kuye kekulu khulu.

_____ , _____ , _____ , _____ , _____ , _____ , _____



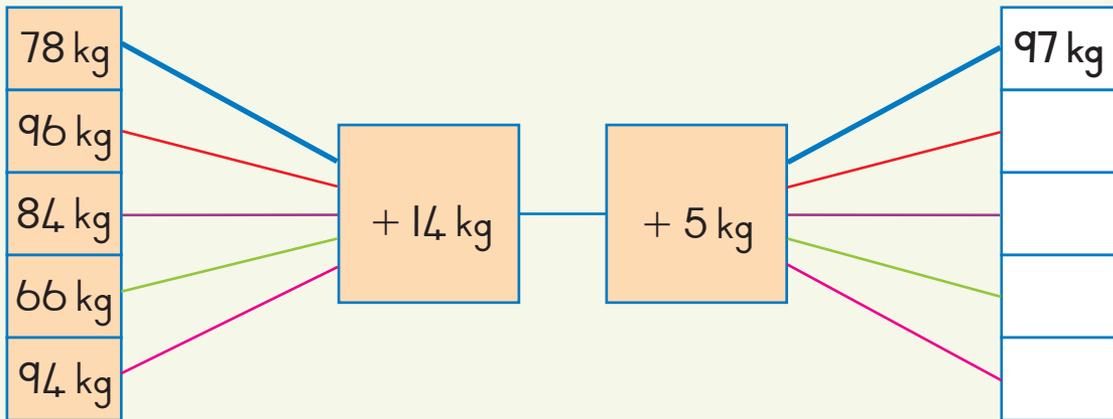
Teacher: _____
 Sign: _____
 Date: _____

Ukukala



Ngezelela ngamakhilogramu

Hlanganisa begodu ufumane iimpendulo.



Yenza okupheleleko begodu uhlanganise!

Cabanga kuhle!

Ujakalasi ma-25 kg	Ikghuru ma-98 kg	Ifene ma-59 kg	Umntwana wedube ma-88 kg	Iphelikheni ma-9 kg

Yenza ubudisi ngabunye buphelele ububandameze e-10 lama-kg.

Tlola ubudisi ngokulandelana kusukela kokubulula ukuya kokubudisi.

Linganisa ithothali yobudisi beenyamazana ezi-5.



Hlanganisa ubudisi



Kungenzeka ngingabibudisi njengawe. Ikghuru omdala, kodwana nginesiqiniseko ngimasinyana!



Amagadango

- Sebenzisa inani elenziwe ngokupheleleko.
- Linganisa ubudisi beenyamazana emadeni ngamunye.
- Bala ithothali.
- Madanisa amathothali amabili begodu tlola umehluko.

	Ngiyalinganisa	Ngiyabala	Umehluko
 + 			
 +  + 			
 +  + 			



Ubudisi bakaVusi

Tjhega. Madanisa. Lungisa.

UVusi uhlanganisa ubudisi bakhe nobudisi be  begodu ne  .

Ubudisi babo buma -239 kg. Ingabe uVusi unobudisi obungangani? Tjengisa ipendulo yakho.



Buyini ubudisi bami?

Dlala esiqhemeni. Dlheganani ...

Hlanganisa ubudisi bakho ebudisini bezinye zeenyamazana. Sebenza ithothali. Tjela isiqhema kobana ipendulo ithini. Ungabatjengisi umsebenzakho! Kufanele balinge basebenze ubudisi bakho.



Teacher: _____

Sign: _____

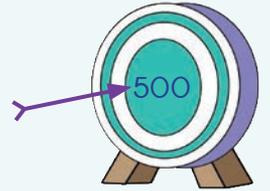
Date: _____



Kunqotjhwe kuma-500

Bala bewutlole!

400



401				405					410
411									420
	422					427			
			434						
					446				
							458		
	462								470
		473				477			
481									490
							499	500	

- Ragela phambili nokubala kusuka ema-400. Yitjho iinomboro nawulokhu ubala.
- Tlola iinomboro ezitlhayelako ngegridini.
- Tlola iinomboro ezilandelako ezili-9 ngemva kwama-500.

500; _____; _____; _____; _____; _____; _____; _____; _____; _____

- Bala ngaku-2. Tlola iinomboro ezilandelako ezibu-8 ngephetheni yangaku-2.

400; 402; _____; _____; _____; _____; _____; _____; _____; _____

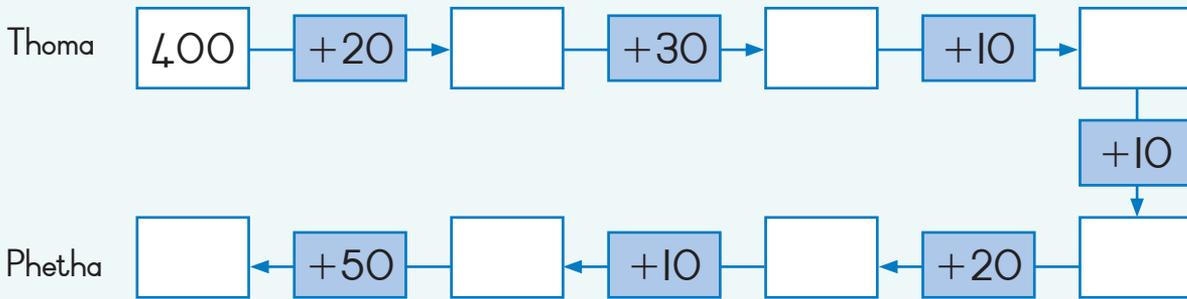
- Bala ngaku-5. Tlola iinomboro ezilandelako ezibu-8 ngephetheni yangaku-5.

400; 405; _____; _____; _____; _____; _____; _____; _____; _____

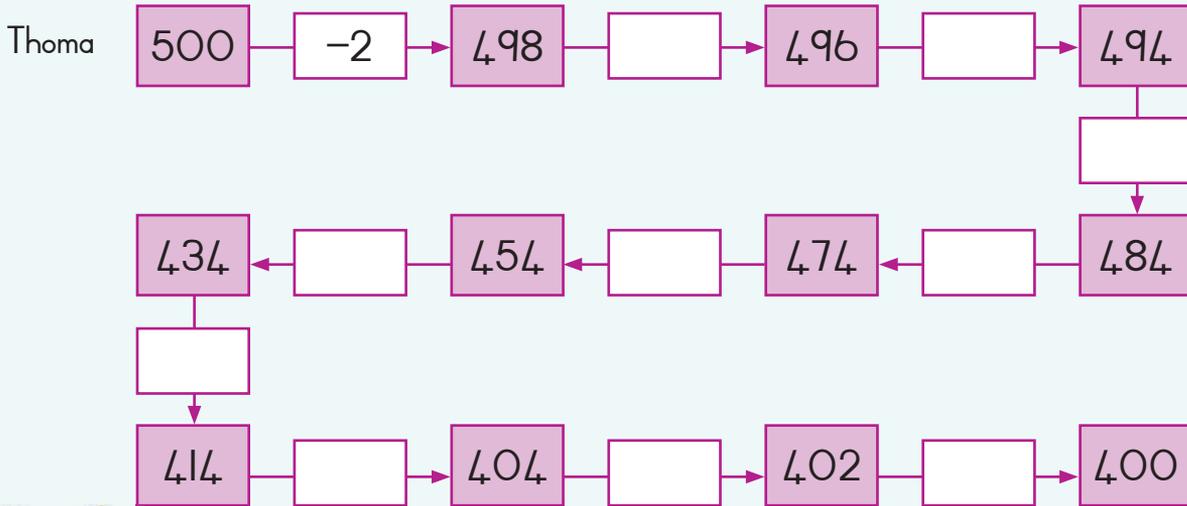


Zalisa ngeenomboro ezitlhayelako.

a. Hlanganisa uye phambili kusukela ema-400.



b. Bala ubuyele emva kusukela ema-500.



Phetha



Tjengisa iinomboro. Landela isibonelo.

Fumana ithothali yeenomboro lezi. Sebenzisa ikarada lakho leenomboro ukutjengisa ithothali ngayinye.

$405 + 10$	415	$400 + 10 + 5$
$446 + 10$		
$455 + 10$		

$398 + 10$		
$424 + 10$		
$460 + 20$		

Teacher: _____
 Sign: _____
 Date: _____

Okhunye ukuhlanganisa kanye nokukhupha

Ithemu 2

$200 + 50 + 4$ $200 + 30 + 5$	$400 + 80 + 9$	489
----------------------------------	----------------	-------



Siyokusebenzisa iindlela zakaBusi kanye no-Dumi zokubala godu ukuhlanganisa.

a. $245 + 231$

Indlela yakaBusi

$$= 200 + 200 + 40 + 30 + 1$$

$$= 400 + 70 + 1$$

$$= 471$$



Indlela yakaDumi

$$245 + 231$$

$$= 400 + 70 + 6$$

$$= 471$$



b. $278 + 136$

c. $265 + 148$



Siyokusebenzisa iindlela zakaBusi kanye no-Dumi zokubala godu ukukhupha.

a. $476 - 324$

Indlela yakaBusi

$$= 400 - 300 + 70 - 20 + 6 - 4$$

$$= 100 + 50 + 2$$

$$= 152$$



Indlela yakaTumi

$$476 + 324$$

$$= 100 + 50 + 2$$

$$= 152$$

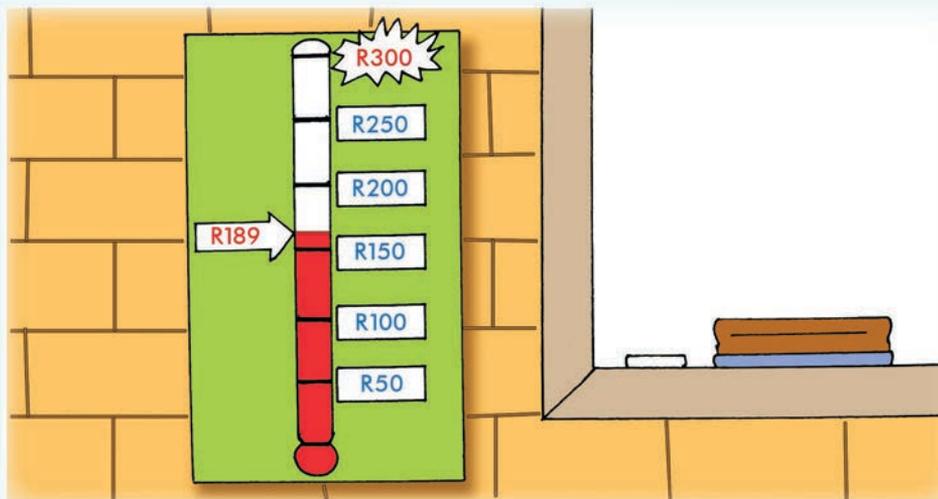


b. $489 - 456$

c. $482 - 161$



Funda okunqotjhiweko



Funda isithombe.

Kusele kangangani ukufikelela emnqopheni?

R

Teacher: _____

Sign: _____

Date: _____

Lola amakghono wakho



Intaba yefihlo

Liyini ibizo lentaba ephezulu khulu eGauteng? Sebenzisa ikhowudi ukuyifumana. Madanisa ipendulo ngayinye etheyibuleni neledere elisekhowudini.

A	B	C	D	E	F	G	H	I	J	K	L	M
1	2	3	4	5	6	7	8	9	10	11	12	13
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
14	15	16	17	18	19	20	21	22	23	24	25	26

Umtlhala weenomboro	Ipendulo	Iledere
Isibonelo: $2 \times 3 \times 3 \times 1 = \square$	18	R
$50 + 50 + 50 + 100 - 200 - 45 = \square$		
$1 + 2 + 7 + 10 + 7 + 1 - 14 = \square$		
$60 - 30 + 50 + 20 - 50 - 15 - 20 = \square$		
$3 + 2 + 7 + 1 + 2 + 1 + 3 = \square$		
$5 + 3 + 30 = 4 + 2 + 12 + \square$		
$100 - 5 - 70 = 20 + \square$		
$36 + 44 - 60 - 22 = \square$		
$10 + 15 = 14 + \square$		
$2 + 1 + 14 + 9 + 14 = 25 + \square$		
$1 \times 2 \times 2 \times 2 \times 2 = \square$		

Ibizo lentaba yi:



Qala! Cabanga, begodu phendula!



- a.
- | | | | |
|--|---|---|---|
| Inomboro 16 izokuba libumbeko liphi? Tshwaya (✓) elilungileko. | ★ | ● | ☾ |
| Inomboro 18 izokuba libumbeko liphi? Tshwaya (✓) elilungileko. | ★ | ● | ☾ |
| Inomboro 28 izokuba libumbeko liphi? Tshwaya (✓) elilungileko. | ★ | ● | ☾ |

- b.
- | | |
|-----------------------------|--------------------------|
| Inomboro -50 izokuba li-★. | Liqiniso namkha Mamanga? |
| Inomboro -100 izokuba li-●. | Liqiniso namkha Mamanga? |
| Inomboro -23 izokuba li-☾. | Liqiniso namkha Mamanga? |



Hlolisisa. Madanisa. Lungisa.

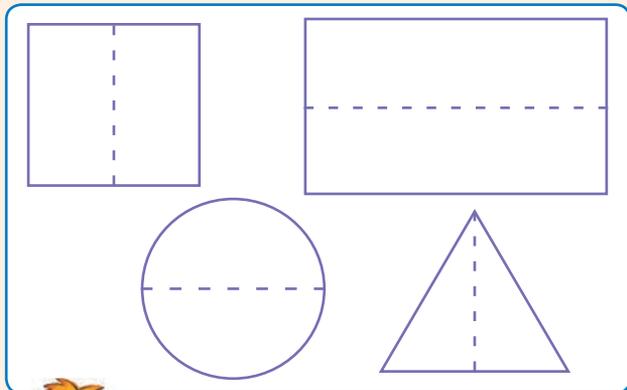
Ngikuphi okunengi?
 Ukuthola ama-R2.50 wesikhwama ngelanga enyangeni kaJuni noJulayi.
 Nanyana ukuthola ama-R150 ithothali yemali yokudla esikolweni yenyanga yoke.
 Tjengisa ukuthi uzoyisebenza njani.



Teacher: _____
 Sign: _____
 Date: _____

Ukufana nca zoke/isimethri

Ngikuphi okuyelelako ngamajamo?

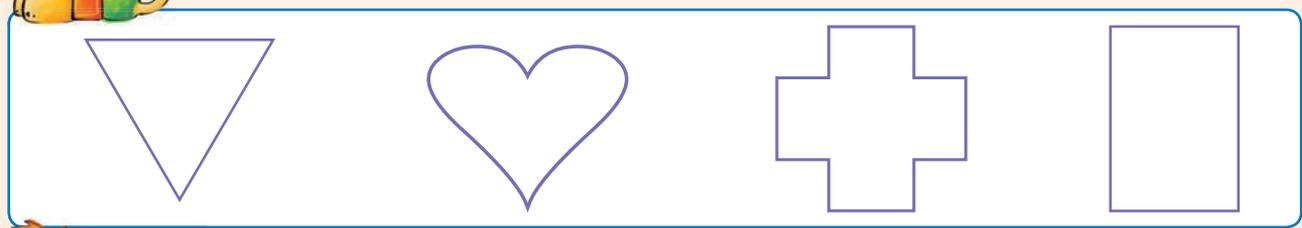


Umuda wesimethri wehlukana amahafu amabili phakathi ukuze ihafu eyodwa itjengise ubujamo benye ihafu.

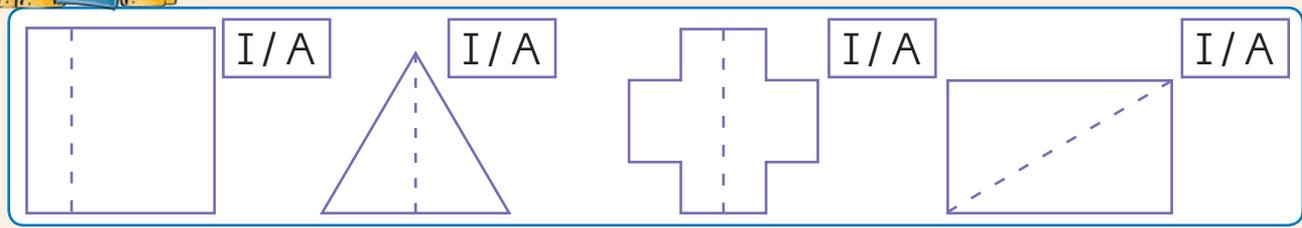
Ubjamo ngabunye bunayo isimethri lokha nawugoba phakathi bewuhlanganise iphepha ukuze ingcenge zombili zilingane.



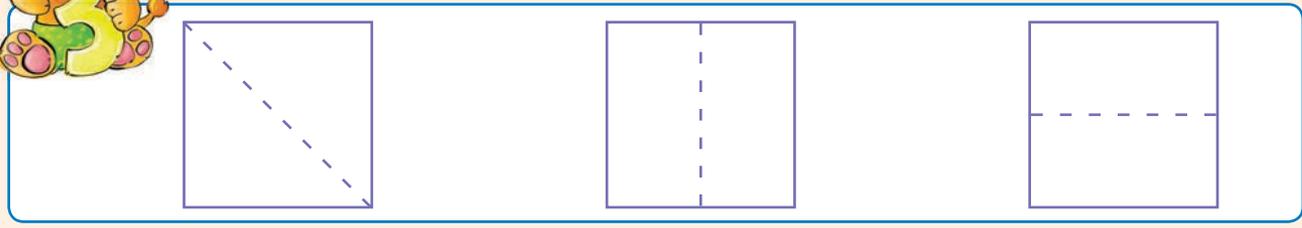
Gwala umuda olinganisa nca zoke ejameni ngalinye.

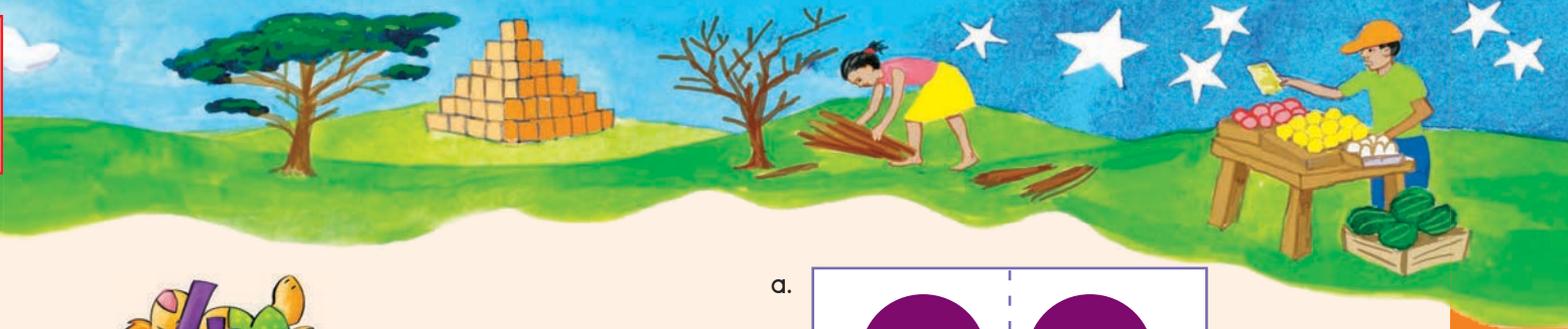


Ingabe umuda omacaphaza mumuda owenza kobana kulingane nca zoke? Ndulungela (Iye) nawuvumako namkha (Awa) nawulandulako.



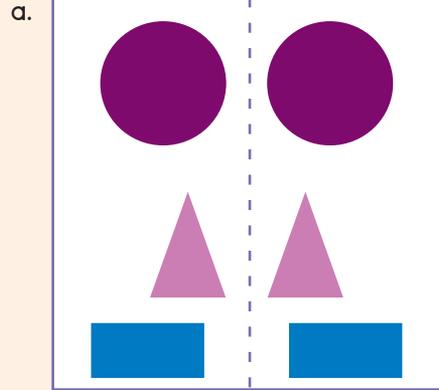
Ingabe lowo mumuda olinganisa nca zoke? Kungani utjho njalo?



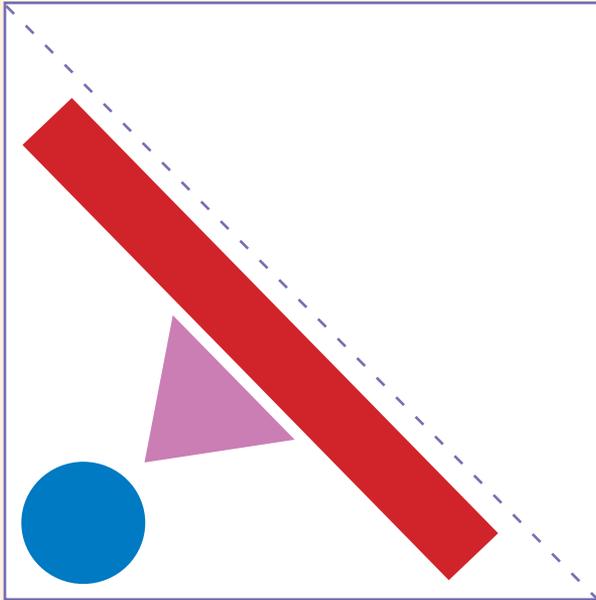


Gwala amajamo ukwenza isithombe silingane nca zoke.

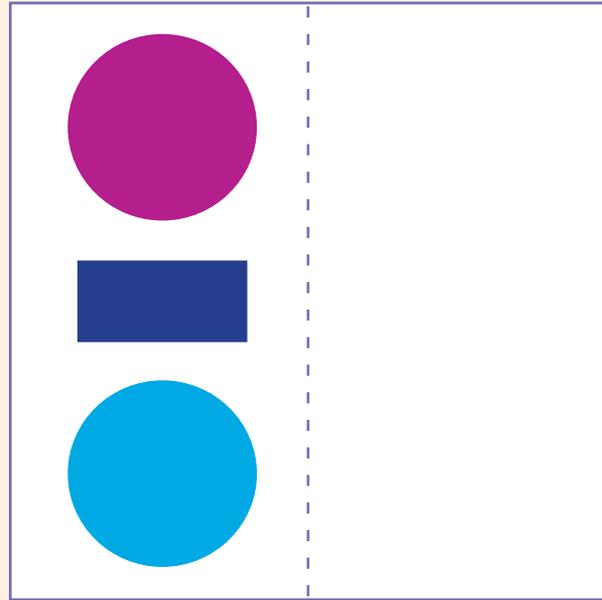
Sewenzelwe isibonelo.



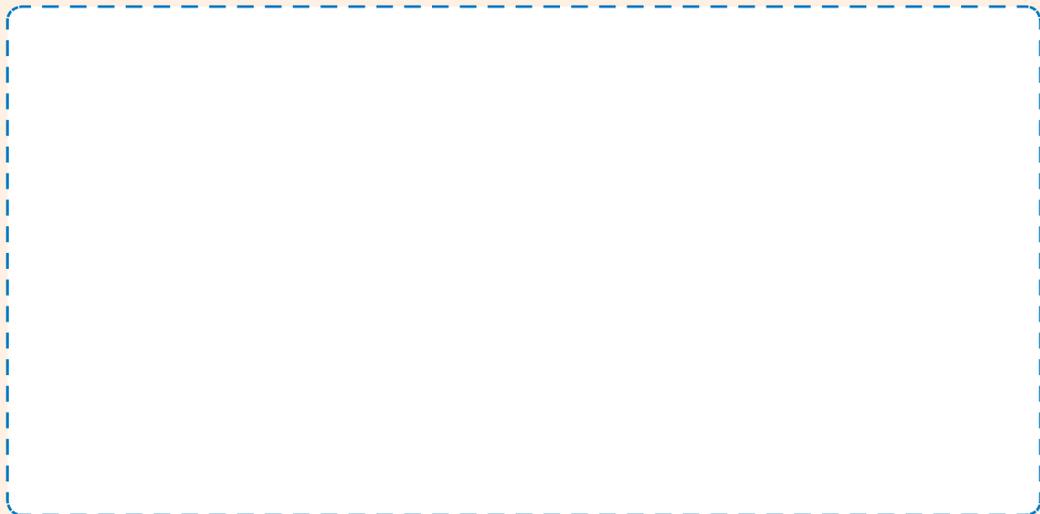
b.



c.



Zenzele wakho umuda olingana nca zoke usebenzisa amajamo.

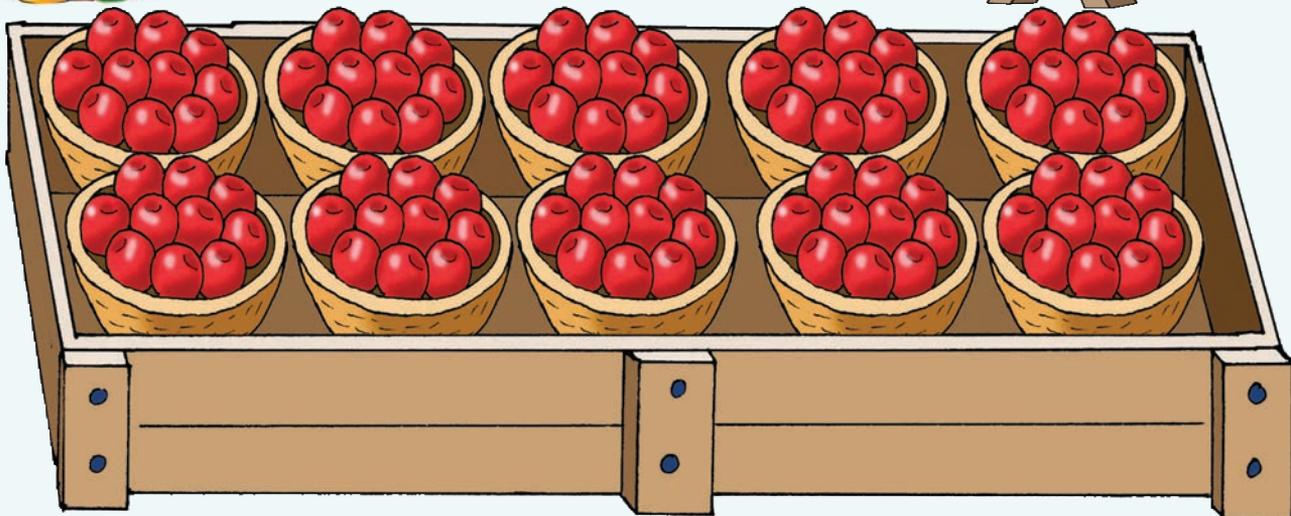
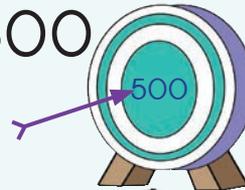




Ukwakha bewufike kuma-500



Bala ama-apula



Qedelela bewubuyelele.

Umantji owo-1 ufaka ama-apula _____.	$1 \times 10 = 10$
Abomantji aba-3 bafaka ama-apula _____.	$3 \times 10 =$
Abomantji aba-5 bafaka ama-apula _____.	
Abomantji aba-4 bafaka ama-apula _____.	
Abomantji aba-2 bafaka ama-apula _____.	

Ikhreyidi li-1 liphatha 100 wama-apula.	Amakhreyidi ama-2 aphatha _____ wama-apula.
Amakhreyidi ama-3 aphatha _____ wama-apula.	Amakhreyidi ama-4 aphatha _____ wama-apula.
Amakhreyidi ama-5 aphatha _____ wama-apula.	Amakhreyidi ama-2 nohafu aphatha _____ wama-apula.

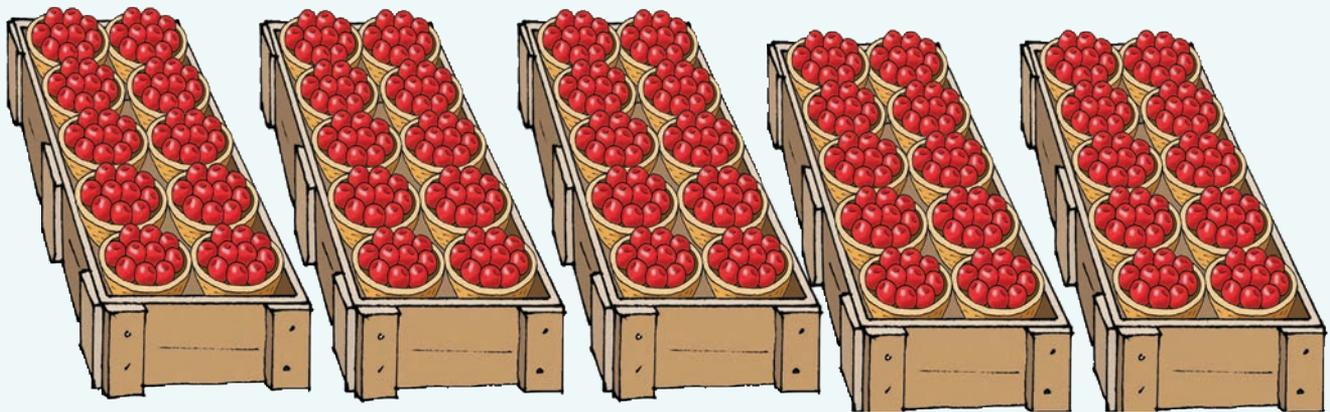


Kunama-apula ali-10 ngemantjini mu-l.

Kune _____ labomantji ngekhreyidini linye.

Kune _____ yama-apula ngekhreyidini linye.

Mangaki ama-apula alapho sekawoke? _____



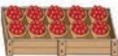
Bala, utjengise bewutlola

300

40

5

Thoma ngokusebenzisa amakarada weenomboro ukutjengisa ithothali ngayinye. Bese utlola inomboro.

Amakhreyidi ama-3  + abomantji aba-4  + yama-apula 5 
= 345 yama-apula

Amakhreyidi ama-4  + abomantji aba-5  + yama-apula 7 
= _____ yama-apula

Amakhreyidi ama-5  + abomantji aba-2  + yama-apula 3 
= _____ yama-apula

Amakhreyidi ama-4  + abomantji aba-7  + yama-apula 2 
= _____ yama-apula



Teacher:

Sign:

Date:

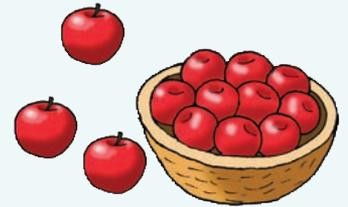
Ukubuyabuyelela kanye nokwehlukanisa (ngokuli -10)



Ukubala ama-apula.

Zalisa ithebula.

Bangaki abomantji abafaka ama-apula?

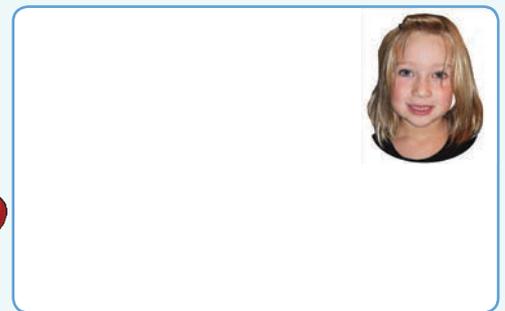
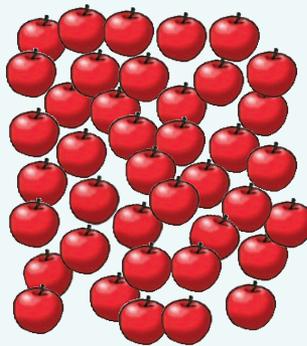


Ama-apula 	10	20	30	40	50
Iimantji 	1	2			
÷ isibalo					$50 \div 10 = 5$
× isibalo					$5 \times 10 = 50$



Yabela abentwana ama-apula. Yenza umgwalo. Tlola isibalo sokwehlukanisa neso kubuyabuyelela ukuze utjhege ipendulo yakho.

a.



Tjhega ipendula.

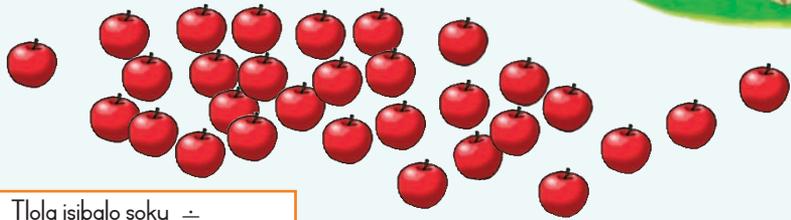
÷ =

× =





b.



Tlola isibalo soku \div



Tlola isibalo soku \times ukuze
uhlolise iimpendulo zakho.

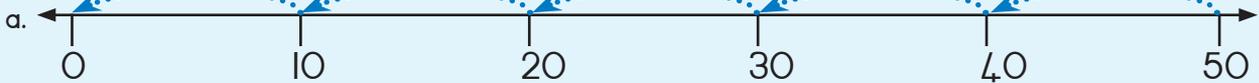


Sebenzisa iinomboro ukuzenzela yakho imitjho yeenomboro.



\div $40 \div 10 = 4$

\times $4 \times 10 = 40$



\div

\times



\div

\times



\div

\times



Nikela inomboro eli-10 ubuncani kanye nenomboro eli-10 ubukhulu kunaleyo enikelweko.

, 460,

, 390,

, 500,

Teacher: _____
Sign: _____
Date: _____



Ukubala ngaku - 2

Ukubala uye phambili ngaku - 2 bewubuyele emuva.

- a. 232; 234; _____; _____; _____; 242; _____; _____; 248
- b. 500; _____; 496; _____; _____; 490; _____; _____; _____
- c. 460; _____; _____; 400; _____; 360; _____; _____; _____
- d. 341; _____; 361; _____; _____; 391; _____; 411; _____; _____



Ipara yamadlhavu



- a. Ziimpara ezingaki zamadlhavu emudeni munye? _____
- b. Mangaki amadlhavu ngalinye emudeni munye? _____
- c. Mimida emingaki? _____
- d. Madlhavu amangaki nasele awoke? _____
- e. Tjengisa kobana uyisebenze bunjani.
- f. Tlola ipendulwakho njengomutjho weenomboro.
 _____ × _____ = _____



Madlhavu amangaki?

Tlola amatheyibula.

a.

Amaglavu 	 1	 10	 5	 50	 4	 40	 3	 30	 100
Inomboro zamaglavu	2								

b.

Amaglavu	20	21	70	73
Iimpara ezingenziwa				
Amadlhavu angalinye aseleko				



Bala ngaku-2

a. Ngiyiphi inomboro eba hlangana nawubala ngakubili?

264, _____, 268	391, _____, 395	414, _____, 410
-----------------	-----------------	-----------------

b. Tlola iinomboro ezimbili ezilandelako.

373, 375, 377, 379	480, 482, _____, _____	262, 264, _____, _____
--------------------	------------------------	------------------------

c. Tlola iinomboro ezimbili ezilandelako.

346, 348, _____, _____	415, 417, _____, _____	297, 299, _____, _____
------------------------	------------------------	------------------------



Teacher: _____
 Sign: _____
 Date: _____

Ukupheyiva ngamathayilesi



Ukuhlela isivande

UKkz. Mabena unamathayilesi amahle.

Uwasebenzisela ukupheyiva indawo esesivandeni sakhe.

Kunamathayilesi ama-6 asikwere wobukhulu obulinganako.

Ngizowabeka njani?



Ngingenza umuda mu-1 ngamathayilesi asi-6.



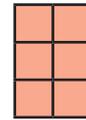
$$6 \times 1 = 6$$

Ngingenza imida emi-2 ngamathayilesi ama-3 emudeni.



$$3 \times 2 = 6$$

Ngingenza imida emi-3 ngamathayilesi ama-2 emudeni ngamunye.

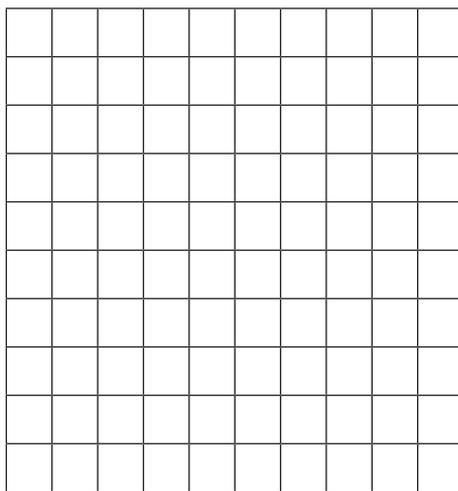


$$2 \times 3 = 6$$

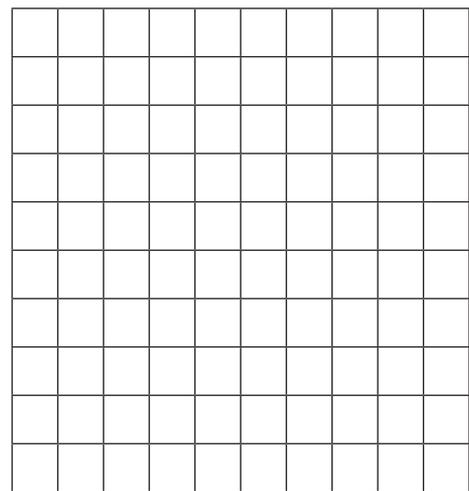
Kwanjesi lidlhego lakho!

Khalara amabhlogo ukutjengisa kobana unqahlela bunjani amathayilesi abu-8 na-9.

iinkwere ezi-8



iinkwere ezili-9



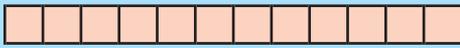
Tlola iinomboro zemitjho emdwebeni ngamunye.



Hlela amathayilesi ali-12

UThabo unamathayilesi ali-12 asikwre ukupheyiva ngaphandle komthathlana wakhe. Msize athole iindlela angenza ngazo.

Tlola inomboro yomutjho wendlela ngayinye.

Isibonelo: 	$1 \times 12 = 12$ $12 \times 1 = 12$



Hlela amathayilesi ama-24

- Sebenzisa igradi kuSika-2.
- Khalara amabhlogo ama-24 ngeendlela ezihlukeneko.
- Tlola iinomboro zemitjho ukumadanisa umdwebo ngamunye.



Ngingabuyabuyelela!

$12 = 2 \times \square$	$3 \times \square = 12$	$9 = \square \times 3$
$6 = 3 \times \square$	$\square \times 3 = 12$	$24 = 3 \times \square$

Teacher: _____

Sign: _____

Date: _____



Usebenzise abokuhlano



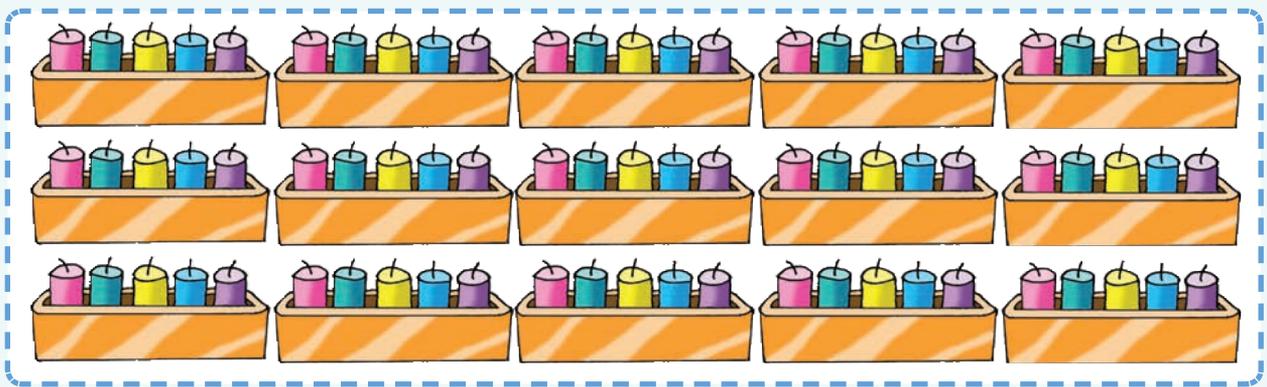
Yazi ku-5 kwakho

Zalisa iimpendulo.

	1	2	3	4	5	6	7	8	9	10
$\times 5$	5									



Bala amakerese



- Mangaki amakerese ngebhoksini ngalinye? _____
- Mabhoksi amangaki _____
- Mangaki amakerese ereyini ngalinye _____
- Makerese amangaki nasele awoke? _____



Tjengisa ipendulo

Thika (✓) inomboro yomuthjo etjengisa ithothali yamakerese

a. $5 \times 3 \times 3 = \square$ b. $15 \times 3 = \square$ c. $3 \times 5 \times 5 = \square$ d. $15 \times 5 = \square$



Bala uye phambili nemva ngaku-5

- a. 85; _____; _____; 70; _____; _____; 55; _____; _____
- b. 240; _____; _____; 255; _____; _____; _____; _____; 280
- c. 405; _____; 395; _____; _____; 380; _____; _____; 365; _____



Buthelela ama-R5 wesimbi



Qedelela umutjho: Abentwana babuthelela imali eyisimbi yenani lama-R5. Bafanele babuthelele imali eyisimbi ema-R5 amangaki ukuze babuthele imali elingana R____? Ezimbili zokuthoma sele sikwenzele.

$R5 \div 5$ = 1 yekhoyini	$R10 \div 5$ = 2 yamakhoyini	R15? _____	R20? _____	R25? _____
R30? _____	R35? _____	R40? _____	R45? _____	R50? _____

$2 \times R5 =$ R

$4 \times R5 =$ R

Uyayibona iphethehi?

$6 \times R5 =$ R

$8 \times R5 =$ R



Buyabuyelela ngaku-5

Isibonelo: $1 \times 5 = 5$; $11 \times 5 = 55$; $21 \times 5 = 105$

Cabanga kuhle! Yakha ngamaphuzu owaziko!

1	2	3	4	5	6	7	8	9	10
5	10								
11	12	13	14	15	16	17	18	19	20
55									



Teacher: _____
 Sign: _____
 Date: _____



Ukusebenza ngesikhathi



Dweba/gwala iinkhathi



Siquntu ngemva kwele-5	Yikotara ngaphambi kwele-tjumi nalinye	Yikotara ngemva kweletjumi nambili-12	12:45	6:15	4:30

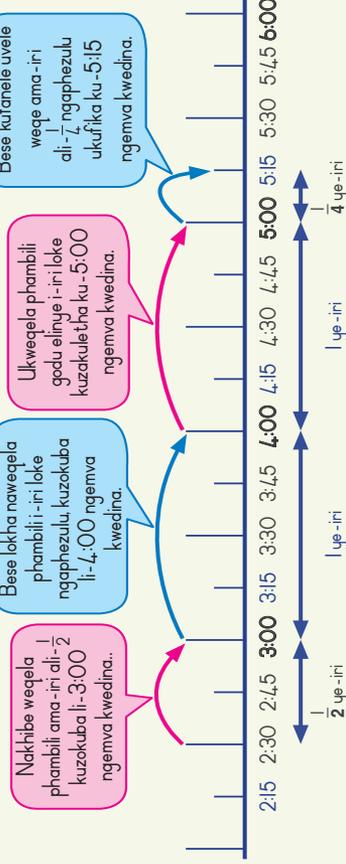


Umraro wesikhathi

Umma kaNomusa usuka ekhaya nge-2:30 ngemva kwedina.

Ubuya nge-5:15 ntambama. Ukhambe isikhathi esingangani?

Singasebenzisa umuda wesikhathi ukuyisebenza. Beka umuno wakho ku-2:30, isikhathi ekungiso kwanjesi.



$\frac{1}{2}$ ye-iri nawujhlanganisa nama-iri amabili azeleko kwenza ama-iri ama-2 $\frac{1}{2}$. Godu ne- $\frac{1}{2}$ ye-iri ngaphezulu yenza ama-2 $\frac{1}{2}$ ye-iri namakotara amatathu nohafu sekawoke.



Imiraro yesikhathi

Hlolisa Madanisa. Lungisa.

Sombulula umraro ngamunye. Sebenzisa imida yesikhathi ukukusiza.

a. UQueenie uvakatijhela uyise etliniga nge-15:45

ngemva kwedina. Usuka nge-17:15.

Uvakatijhe isikhathi esingangani?



b. UMusa uya ephageni nge-10:45.

Ubuya ekhaya nge-12:30.

Ukhambe isikhathi esingangani?



c. UTumi uthoma ukufunda nge-13:15.

Uqeda nge-14:45.

Ingabe UTumi ufunde isikhathi esingangani?



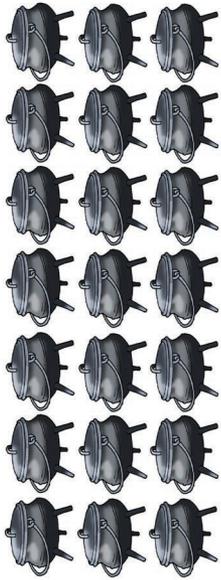
Teacher: _____
Sign: _____
Date: _____

Bala ngaku - 3 nangaku - 4

Impoto ezinimlenze emi - 3



Hlanganisa bese utlola ipendulo.



- Zimpoto ezingakhi erejini? _____
- Milenze emingaki erejini? _____
- Mareji amangaki weempoto? _____
- Milenze emingaki nasele iyoke? Tjengisa kobana uyisebenze njani ipendulo.

Tshwaya (✓) ngiziphi iinomboro zemitho ezingaphasi ezitjengisa it.hoth.hali.

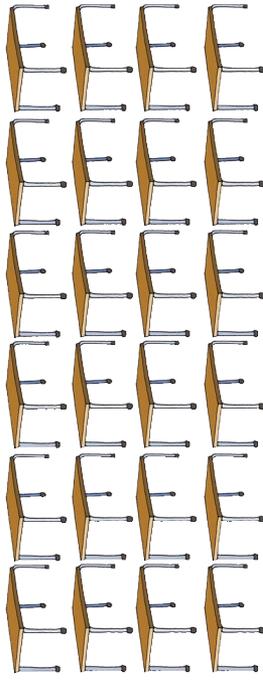
$21 \times 7 = \square \quad 3 \times 7 \times 3 = \square \quad 3 \times 4 \times 2 = \square \quad 21 \times 3 = \square$

Milenze emingaki?

Cabanga masinyana.
Cabanga kuhle.

Ipoto uj-1	3 imilenze	Impoto ezili-10	imilenze	Impoto ezi-5	imilenze
Impoto ezi-2	imilenze	Impoto ezili-15	imilenze	Impoto ezili-12	imilenze
Impoto ezi-5	imilenze	Impoto ezili-13	imilenze	Impoto ezili-14	imilenze

Imilenze yetafula



- Matafula amangaki erejini? _____
- Milenze emingaki erejini? _____
- Mareji amangaki wamatafula? _____
- Imilenze mingaki nasele iyoke? Tjengisa kobana uyisebenze bunjani.



Efemini



Umbazi wenza amatafula. Uthoma ngokwenza imilenze.

Bekube nje sele enze ama-4,8. Angenza amatafula amangaki?

Ingabe usatlohga imilenze emingaki ukwenza enye itafula?



Qedelela igridi ngokuzalisa iimpendulo

	2	3	4	5	8	10	11	12
$\times 3$								
$\times 4$								



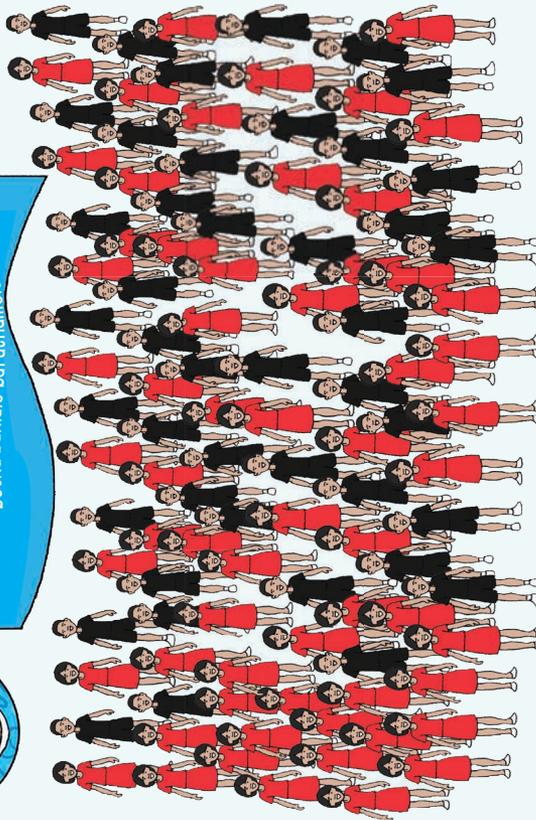
Teacher: _____
Sign: _____
Date: _____

Ukubala ngama - 50

Umntwana muncye, ingubo yinye!
Bangaki abentwana? Linganisa, bese uyabala.



Ngubo yethemba
Bulunga abentwana
bathu bahlale baf ut,humele



Boke abentwana abasesithombeni bafumana iingubo.

Bangaki abentwana abalapho? _____

Linganisa	Bala	Madanisa

Bungaki ubuso obuthabileko 😊 babesana? _____

Bungaki ubuso obuthabileko 😊 babentazana? _____



Babhadela ini?

UGwazi
ut,henga zi-2



Ubhadela

UKhiz Chakane
ut,henga zi-5



Ubhadela



Isitolo saka Themba

Ubhadela

sithenga ama-20



Nikela nje!
I-R50
yengubo yi-1



Zi-5

nge-R50 = R250



Zi-10

nge-R50 = R500



Zi-4

nge-R50 = R_____



Zi-15

nge-R50 = R_____



Zi-3

nge-R50 = R_____



Zi-6

nge-R50 = R_____



Zi-7

nge-R50 = R_____



Zi-12

nge-R50 = R_____



Zi-8

nge-R50 = R_____



nge-R50 = R_____

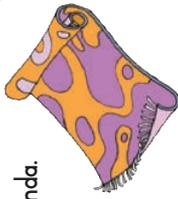


Kuzokuthatha isikhathi esingangani? Sebenzisa ikhalenda.

Itlasi lakagwejidi -3 libuthelela imali yokuthenga iingubo ezi-4.

Babuthelela i-R5 ngelanga amdlanga ama-5 ngeveke.

Bathlaga iimveke ezingaki ukuthi babuthelale imali yeengubo?



Teacher: _____
Sign: _____
Date: _____

Amacezu: abohafu kanye namakota



Yehlukanisa ufake iimbhobo ngemabhokisini amabili ngokulingana.

<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>
<ul style="list-style-type: none"> Zingaki iimbhobo ngebhokisini elinye nelinye? Zingaki iimbhobo ezingebhokisini eliphephuli? Iimbhobo ezingebhokisini eliphephuli lenza cezu bani? 	<ul style="list-style-type: none"> Zingaki iimbhobo ngakelinye nelinye ibhokisi? Zingaki iimbhobo ngebhokisini eliphephuli? Iimbhobo ezingebhokisini eliphephuli lizezu bani? 		



Qala isithombe ngasinye bese uphendula imibuzo.

Ubale iyingi ezingaki? Ijini i- $\frac{1}{2}$ yeejingi? Ijini i- $\frac{1}{4}$ yeejingi? Ijini i- $\frac{2}{4}$ yeejingi? Ijini i- $\frac{3}{4}$ yeejingi? Ijini i- $\frac{4}{4}$ yeejingi?	Ubale iyingi ezingaki? Ijini i- $\frac{1}{2}$ yeejingi? Ijini i- $\frac{1}{4}$ yeejingi? Ijini i- $\frac{2}{4}$ yeejingi? Ijini i- $\frac{3}{4}$ yeejingi? Ijini i- $\frac{4}{4}$ yeejingi?

Faka umbala i- $\frac{1}{2}$ yejamo.



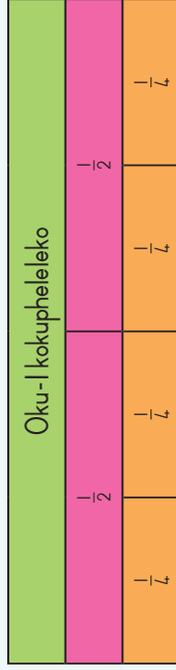
Faka umbala i- $\frac{1}{4}$ yejamo.

Faka umbala i- $\frac{2}{4}$ yejamo.

Faka umbala i- $\frac{3}{4}$ yejamo.

<input type="text"/> <input type="text"/> <input type="text"/>			

Qala umtletlana wamacezu



a. Bangaki abohafu ($\frac{1}{2}$) abenza okukodwa okupheleleko?

Mangaki amakota ($\frac{1}{4}$) enza okukodwa okupheleleko?

Mangaki amakota ($\frac{1}{4}$) enza ihafu?

--	--	--

b. Qala amadayagramu bese utlola izezu lengenye efiphaziweko.



c. Ngiliphi izezu elikhulu, i- $\frac{1}{2}$ nanyana $\frac{1}{4}$

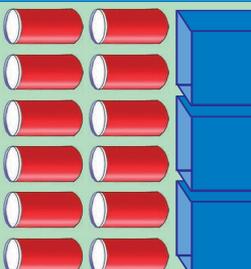


Teacher: _____
 Sign: _____
 Date: _____

Ilanga:

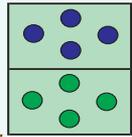
Amacezu: dbohafu, kunye kokuthathu kanye nokukodwa kokwesithandathu

Yehlukanisa amakotikoti (amasilinda) ngokulinganako uwafake ngemabhokisini.

		
		
<p>Inani leembhola:</p> <ul style="list-style-type: none"> Zingaki iimbhola ngebhokisini elinombala ophethuli? Licazu bani elingaphakathi kwebhoksi eliphethuli ngombala? 	<p>12</p> <p>6</p> <p>$\frac{1}{2}$</p>	<p><input type="text"/></p> <p><input type="text"/></p> <p><input type="text"/></p>

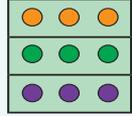


Qala iintombe bese uphendula imibuzo.



Ubale iiyingi ezingaki?

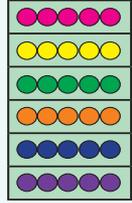
Yini i- $\frac{1}{2}$ yeeyingi?



Yini i- $\frac{1}{3}$ yeeyingi?

Yini i- $\frac{2}{3}$ yeeyingi?

Yini i- $\frac{3}{3}$ yeeyingi?



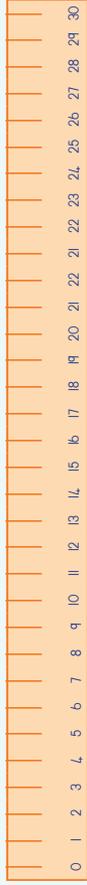
Yini i- $\frac{1}{6}$ yeeyingi?

Yini i- $\frac{2}{6}$ yeeyingi?

Yini i- $\frac{3}{6}$ yeeyingi?

Yini i- $\frac{4}{6}$ yeeyingi?

Yini i- $\frac{5}{6}$ yeeyingi?



- Tjengisa ihafu eruleni. Lokhu kulingana nama- $\frac{1}{4}$.
- Tjengisa ingeenye eyodwa yokusithathu yerula. Lokhu kulingana nama- $\frac{1}{3}$.
- Tjengisa ingeenye eyodwa yokusithandathu yerula. Lokhu kulingana nama- $\frac{1}{2}$.



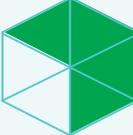
Qala umtletlana wamacezu. Cedelela imitjho.

Oku-1 okupheleleko					
$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$
$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$

- Kunamhafu ama- $\frac{1}{6}$ kokupheleleko okukodwa.
- Kunokukodwa kokwesithathu oku- $\frac{1}{3}$ kokupheleleko okukodwa.
- Kunokukodwa kokwesithandathu oku- $\frac{1}{2}$ kokupheleleko okukodwa.
- Kunokukodwa kokwesithandathu oku- $\frac{1}{2}$ kuhafu eyodwa.
- Kunokukodwa kokwesithandathu oku- $\frac{1}{2}$ kokukodwa kwesithathu.



Tlola izezu lengenye eiphaziweko.

	<input type="text"/>		<input type="text"/>
	<input type="text"/>		<input type="text"/>

Ndulungela ingeenye ekulu yeezu.

- a. $\frac{1}{2}$ $\frac{1}{3}$
- b. $\frac{1}{2}$ $\frac{1}{6}$
- c. $\frac{1}{2}$ $\frac{2}{6}$

Amacezu: Kunye kokuhlana

Yehlukanisa ufake amakotikoti, ngemabhokisini.

- Ngengeenyeni euji- $\frac{1}{5}$ yebhoksi, kunamakotikoti asi-
- Ngengeenyeni euji- $\frac{2}{5}$ yebhoksi, kunamakotikoti asi-
- Ngengeenyeni euji- $\frac{3}{5}$ yebhoksi, kunamakotikoti asi-
- Ngengeenyeni euji- $\frac{4}{5}$ yebhoksi, kunamakotikoti asi-
- Ngengeenyeni euji- $\frac{5}{5}$ yebhoksi, kunamakotikoti asi-



Qala isithombe bese uphendula imibuzo.

Mangaki amatjhokolede ngebhoksini?

- Okukodwa kokuhlana yetjhokolede ilingana na-
- Okubili kokuhlana yetjhokolede ilingana na-
- Okuthathu kokuhlana yetjhokolede ilingana na-
- Okune kokuhlana yetjhokolede ilingana na-
- Okuhlana kokuhlana yetjhokolede ilingana na-
- Ngelanga elilodwa ngidla i- $\frac{1}{5}$ yamatjhokolede. Kusele amatjhokolede angangani?
- Ngelanga ellandelelako ngidla i- $\frac{2}{5}$ yetjhokolede. Kusele itjhokolede engangani?



Ilanga:

Faka umbala isisetjenziswa sokumeda, isilinganiso e- $\frac{1}{3}$

a.



Qala umtletlana wamacezu bese uphendula imibuzo.

Oku-1 okupheleleko

$\frac{1}{2}$		$\frac{1}{2}$	
$\frac{1}{3}$		$\frac{1}{3}$	
$\frac{1}{4}$		$\frac{1}{4}$	
$\frac{1}{6}$		$\frac{1}{6}$	
$\frac{1}{6}$		$\frac{1}{6}$	
$\frac{1}{6}$		$\frac{1}{6}$	

Ndulungela: okukhulu nanyana okuncani

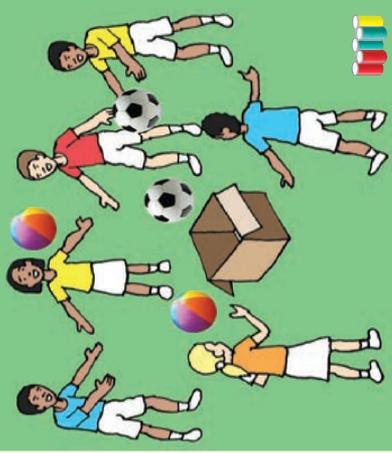
- a. i- $\frac{1}{2}$ yikulu/yincani kune $\frac{1}{4}$.
- b. i- $\frac{1}{3}$ yikulu/yincani kune $\frac{1}{2}$.
- c. i- $\frac{1}{5}$ yikulu/yincani kune $\frac{1}{6}$.
- d. i- $\frac{1}{6}$ yikulu/yincani kune $\frac{1}{3}$.
- e. i- $\frac{2}{6}$ yikulu/yincani kune $\frac{2}{5}$.

Teacher:

Sign:

Date:

Izinto ezima -3D

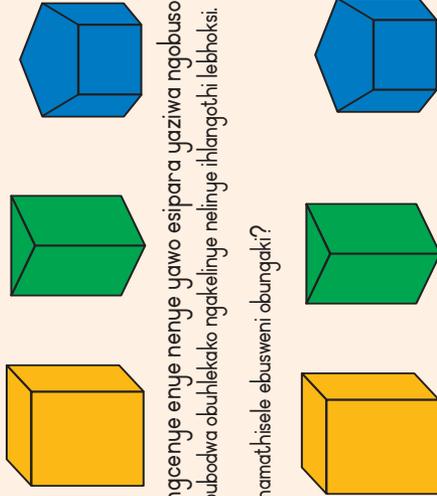


- Bala amabhoksi (amaphrizima)
- Bala iimbholo (indulunga)
- Bala amasilinda



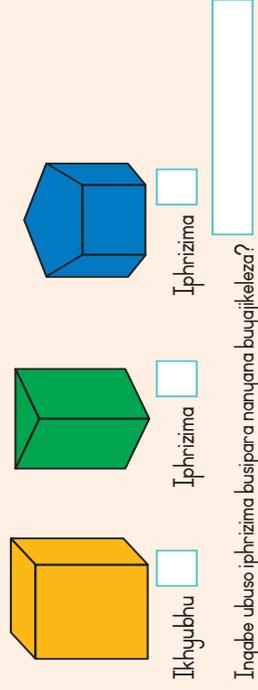
Lawa mabhoksi

Sebenzisa usika we-3 newe-4, ukwenza lokhu.



Ingenye enye nenye yawo esipara yaziwa ngobuso. Namathisela ubuso obubodwa obuhlekako ngakelinye nelinye ihlangothi lebhoksi.

Unamathisele ebusweni obungaki?



Ingabe ubuso iphrizima busipara nanyana buyajikeleza?

Kwanjesi yenza isilinda ngosika -4

Ingabe ubuso besilinda busipara nanyana buyajikeleza.



Sebenzisa izinto zakho ukwakha okulandelelako:

Hlathulula kobana isilinda ikuyiphi indawo usebenzisa amagama.

Ihlangothi elilodwa

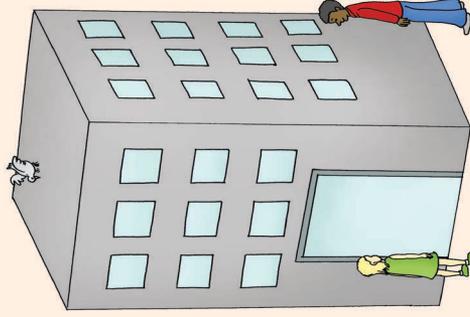
Ngaphambili

Ngaphezulu





Sebenzisa amagama angenzasi ukuqedelela imitjho.



Umnt.azana uqale _____ lomakhiwo.

Indoda iqale _____ lomakhiwo.

Iinyoni ziqale _____ lomakhiwo.

Ilingeqadi

Ilingaphezulu

Ilingaphezu

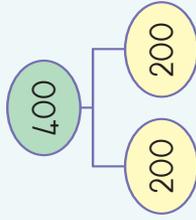
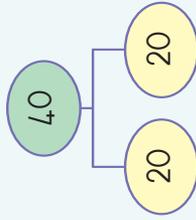
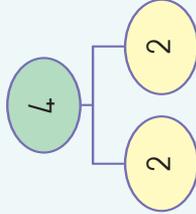


Teacher: _____
Sign: _____
Date: _____

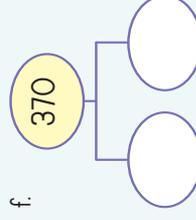
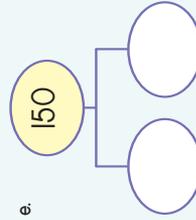
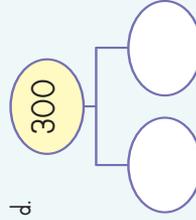
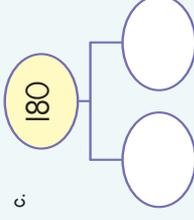
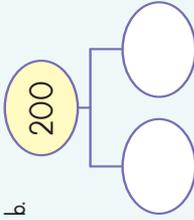
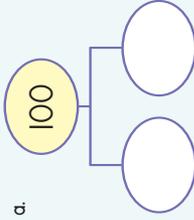
Ukubuyelela kabili nokuhafu

- Ingabe usakhumbula u-2 yihafu yaka-4 u-4 kulokha nakubuyelelwe u-2 kabili
- 20 yihafu yaka 40 u-40 kulokha nakubuyelelwe u-20
- 200 yihafu yaka 400 u-400 kulokha nakubuyelelwe u-200

Singakujengisa lokhu ngomgqalo...

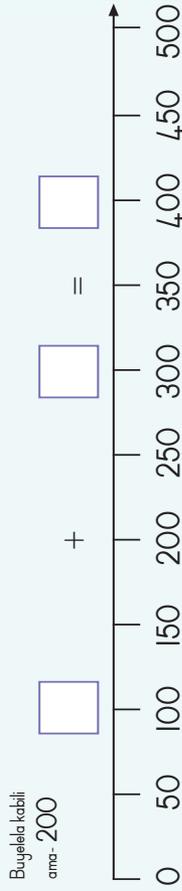
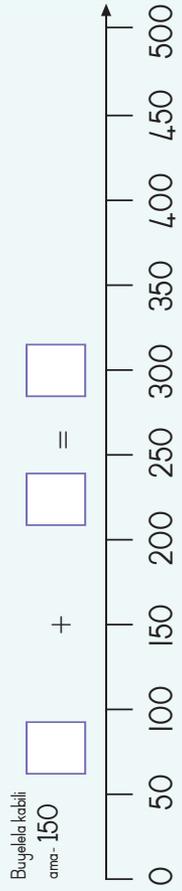
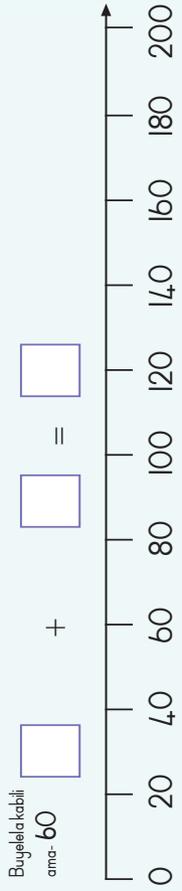
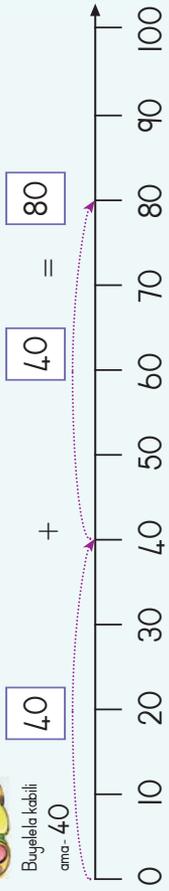


Ukuthola abohafu



Ilanga:

Buyelela kabili nomboro usebenzisa inambalayini. Wenzelwe isibonelo. Isibonelo:



Qedelela okulandelayo

- a. Buyelela kabili u-100
- b. Buyelela kabili u-150
- c. Buyelela kabili u-120
- d. Buyelela kabili u-200
- e. Buyelela kabili u-170



Qedelela okulandelayo

- a. Hafula u-220
- b. Hafula u-180
- c. Hafula u-260
- d. Hafula u-60
- e. Hafula u-320

Teacher: _____
Sign: _____
Date: _____

Okhunye ukubuyelela kabili nokuhafula

Fumana okubuyelelewe kabili namkhxa abohafu

a. 73 73 148

b. 148 96 96

c. 96 96

d. 134 89 89

e. 166 89 89

f. 89 89

Bulungela ibhayisigili

UPeter ubulunga i-R25 ngeveke kobana athenge ibhayisigili. Kufanele abulunge iimveke ezingaki?

Ipendulo: iimveke



Zehlisiwe

Zoke izinto ziyathengiswa ngenani elijinhafu. Tlola ipreyisi yokuthengisa ngeqadi kwenye nenye into.



a. Iingubo R190
Inani lokuthengisa _____

b. Amlageni R154
Inani lokuthengisa _____

c. Imisamelo R54
Inani lokuthengisa _____

d. Iintulo R220
Inani lokuthengisa _____

Yehlile R7,50
Ngehafu lenani: gade
iji - R900



Maranda amangaki?

	R135	UMusa ufuna irhembe. Uhemali eyinhafu kwaphela.
	R185	Ingabe usatshayela ngamalini? R _____
	R78,50	Amanyathelo kaPeter abiza ngokubuyelelewe kabili ukudlula lokhu.
	R97	Amanyathelo kaPeter abiza malini? R _____
	R97	Irogo laKaP'hindi libiza kabili ngentengo ngaphezulu yakokhu.
	R97	Irogo laKaP'hindi libiza malini? R _____



Ngikuphi okungena ngaphakathi? Ngikuphi okuphumela ngaphandle?

Landela isibonelo. Zalisa iinomboro ezitshayelako.

a.

50	90	75	88		110
+ 10					62

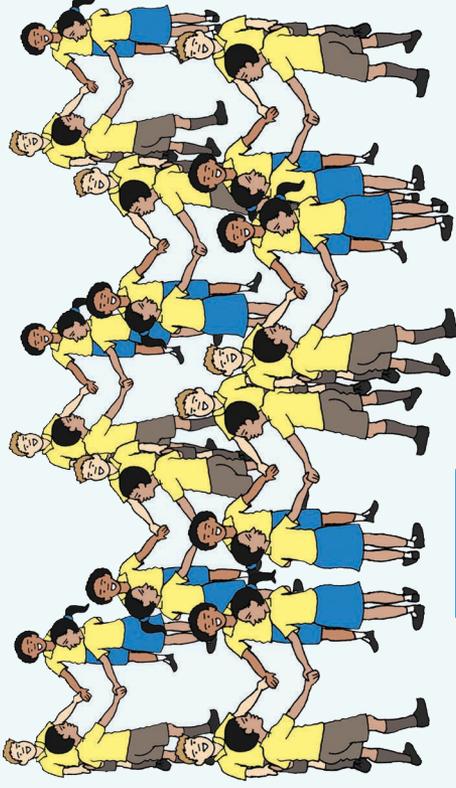
b.

124	110	72	98		53
- 9					40

Ukuhlela ngokweinqhema nokuhlanganisa

Hlela abentwana ngokweinqhema

UKiz. Ndaba ufuna ukwehukanisa itlasi ngobukhulu obulinganako beenqhema ulungiselela imidlalo yangqhandle. Kokuthoma uhlela abentwana ngeenqhema zangaba-4.



a. Bala abentwana

b. Wenza iqhema ezingaki?

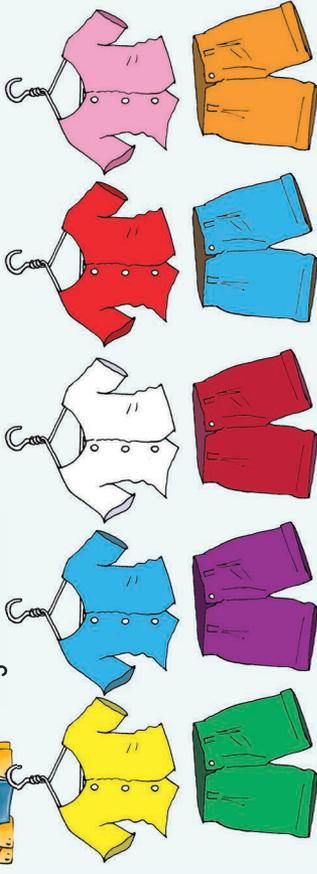
c. Tjengisa zoke ezinye iindlela uKiz. Ndaba angazisebenzisa ukuhlela abentwana ngeenqhema?

Tjhega, Madanisa, Lungisa.

Ilanga: _____



Zingaki izembatho?



UPhindi uneemhembhe ezi-5 ezinombala begodu namabh-rugu amaf-tjhani anombala ama-5.

Zizembatho ezingaki ezihlukileko akghona ukuzenza asebenzisa ihlanganisela ehlukileko yemibala?

Isibonelo: Irhembhe ehlaza kwesibhakabhaka/ibhr-ugu elif-tjhani elihlaza kwesibhakabhaka. Irhembhe ehlaza kwesibhakabhaka/amabh-rugu amaf-tjhani a-orontji.

Tlala iledere lokuthoma lombala ngamunye. Tjengisa zoke ezinye izembatho ezingenzeka.

Funisela: Kungaba njani nakhibe uPhindi uneminye imibala esi-b ehlukileko yeenrhembhe namabh-rugu amaf-tjhani?

Angakghona ukwenza izembatho ezingaki?

Tjhega, Madanisa, Lungisa.

Teacher: _____
Sign: _____
Date: _____

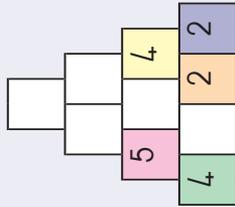
Ukuzithokozisa ngezibalo



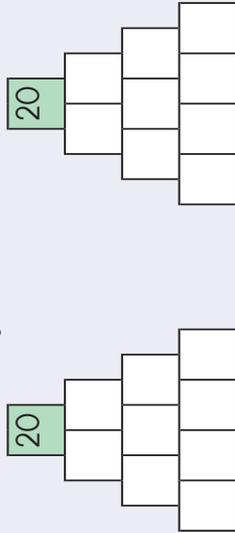
Qala umthetho

Sebenzisa umthetho ukufunyanisa iinomboro ezithayelako.

Kwanje uyenza lokhu.

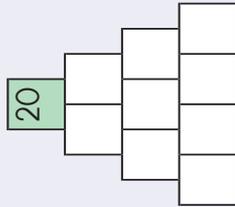
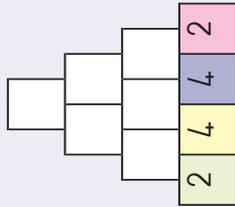
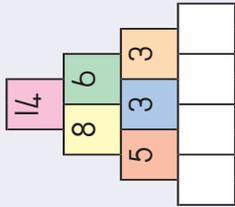


Yakha ufike ema-20 ngeendlela ezahlukeneko.



Ilanga: _____

Ilanga: _____



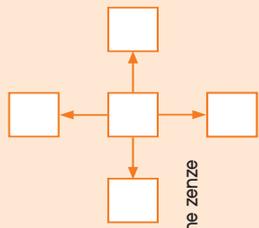
Iselele

Akhe ucabange

Sebenzisa iinomboro 1, 2, 3, 4, naku-5.

Iinomboro ezi-3 ereyini ngayinye kufanele zihlangane zenze i-10.

Umthetho: Sebenzisa inomboro eyodwa kanye kwaphela.



Fumanani iinomboro

a. Umthetho: Iinomboro ereyini ngalinye kufanele zihlanganiswe ukufika e-16.

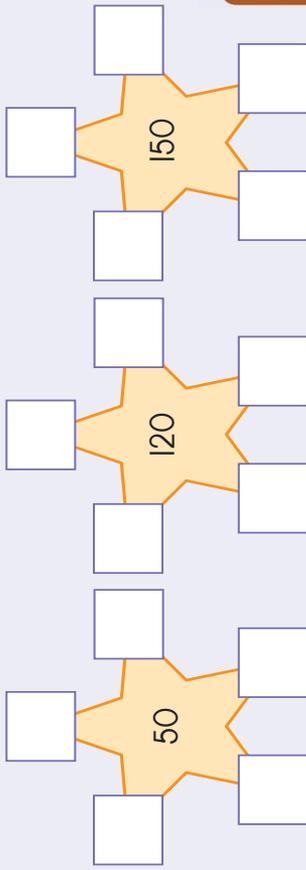
2	5	3	6
			2
		2	

b. Umthetho: Iinomboro ezi-3, ezivundla emareyini naziyig phasi ngamakholomu, zihlanganiswe ithochhali efanako.

2	7	6
9		1
	3	8

23	28	21
12		26
	10	

c. Umthetho: Tlalani ezinye nezinye iinomboro ezi-5 ezihlanganiseka ukufika enomborweni ephakathi ngaphakathi kwekwekwezi.



Teacher: _____
Sign: _____
Date: _____

1

1

0

1

0

0

2

2

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3 0 0

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4 0 0

4 0

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5 0 0

5 0

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9

