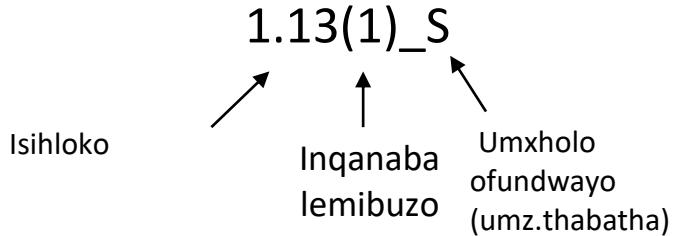


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Isifinyezo somxholo ofundwayo:

- | | | |
|------------|------------------------------|---------------------------|
| 1.4 | 'C' → uthelekiso lwamanani | 'O' → amanani e-odinali |
| 1.7; 1.13 | 'S' → ukuthabatha | 'A' → ukudibanisa |
| 1.9 | 'G' → intlanganisela | 'SH' → ukwabelana |
| 1.14; 1.15 | 'M' → ukuphindaphinda | 'D' → ukwahlula |
| 2 | 'GP' → iphatheni yejiyometri | 'NP' → iphatheni yamanani |

Amanani, ii-opareyshini nolwa lamamo

1.2 Bala ngamanani apheleleyo: bala usiya phambili, ubale ubuya umva.

1.2(1) Bala uze ugqibezele.

23 ; 24 ; 25 ; ____ ; ____ ; ____ ; ____

10 ; 20 ; 30 ; ____ ; ____ ; ____ ; ____

(__)

Memo 23 ; 24 ; 25 ; **26** ; **27** ; **28** ; **29**

10 ; 20 ; 30 ; **40** ; **50** ; **60** ; **70**

1.2(2) Bala uze ugqibezele.

75	74	____	____	71	70	____	____	67	____
----	----	------	------	----	----	------	------	----	------

60 ; 62 ; ____ ; 66 ; 68 ; ____ ; ____ ; ____ ; ____ ; 78 ; ____

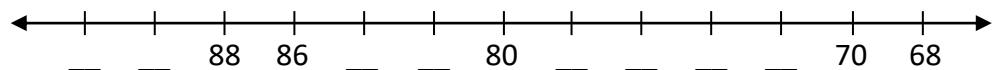
(__)

Memo

75	74	73	72	71	70	69	68	67	66
----	----	-----------	-----------	----	----	-----------	-----------	----	-----------

60 ; 62 ; **64** ; 66 ; 68 ; **70** ; **72** ; **74** ; **76** ; 78 ; **80**

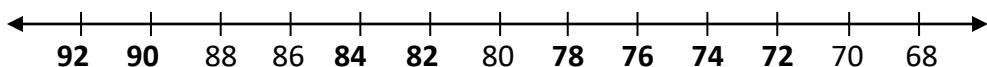
1.2(3) Bala uze ugqibezele.



____ ; 8 ; 12 ; ____ ; ____ ; ____ ; ____ ; 32 ; 36

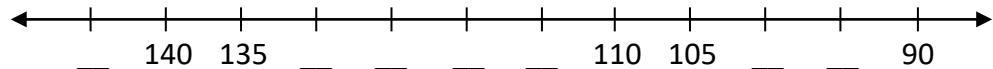
(__)

Memo



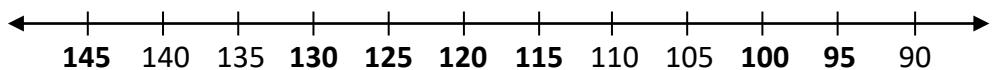
4 ; 8 ; 12 ; **16** ; **20** ; **24** ; **28** ; 32 ; 36

1.2(4) Bala uze ugqibezele.



30	33	____	____	42	45	____	____	54	____
----	----	------	------	----	----	------	------	----	------

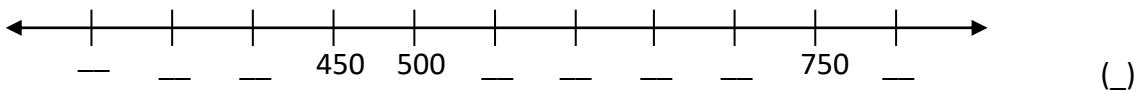
(__)

Memo

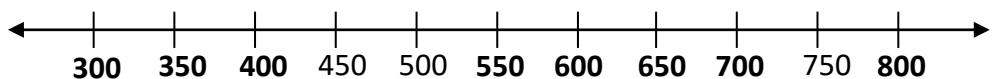
30	33	36	39	42	45	48	51	54	57
----	----	-----------	----	----	----	----	----	----	----

1.2(5) Bala uze ugqibezele.

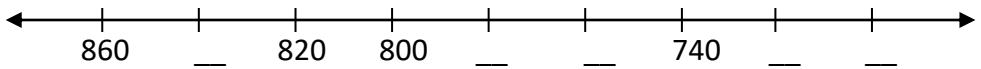
____ ; ____ ; 700 ; 600 ; ____ ; ____ ; ____ ; 200

**Memo**

900 ; 800 ; 700 ; 600 ; 500 ; 400 ; 300 ; 200



1.2(6) Bala uze ugqibezele.



____	100	125	150	____	____	____	____	300
------	-----	-----	-----	------	------	------	------	-----

()

Memo

75	100	125	150	175	200	225	250	275	300
-----------	-----	-----	-----	------------	------------	------------	------------	------------	-----

1.3 Ukumela amanani azeleyo: lisimboli zamanani namagama amanani

1.3(1) a. Kopa lamanani

1 2 3 4 5 6 7 8 9 10

()

b. Gqibezela. Bhala inani ecaleni kwegama lenani ngalinye.

nye	1	Δ
mbini	—	Δ Δ
ntathu	—	Δ Δ Δ
ne	—	Δ Δ Δ Δ
ntlanu	—	Δ Δ Δ Δ Δ

()

Memo b.

nye	1	Δ
mbini	2	Δ Δ
ntathu	3	Δ Δ Δ
ne	4	Δ Δ Δ Δ
ntlanu	5	Δ Δ Δ Δ Δ

1.3(2) a. Bhala inani elishiyiwego.

11 12 — — 15 16 — — 19 —

()

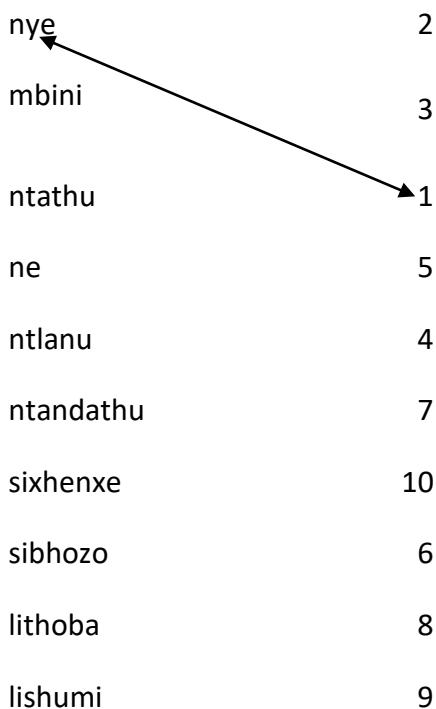
b.

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

- Faka umbala obomvu phambi kwenani elingu 37.
- Faka umbala obomvu phambi kwenani elingu 41.
- Faka umbala ozuba emva kwenani elingu 49.
- Faka umbala ozuba emva kwenani elingu 45.
- Krwela umgca ngaphantsi kwenani elingaphezulu ngesi 1 kunama 53.
- Krwela umgca ngaphantsi kwenani elingaphantsi ngesi 1 kunama 70.

(_)

c. Tshatisa igama lenani nenombholo.



(_)

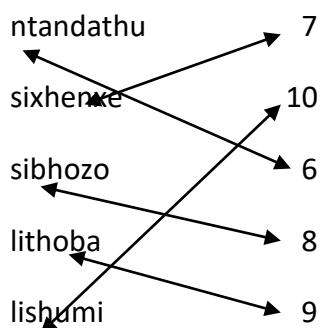
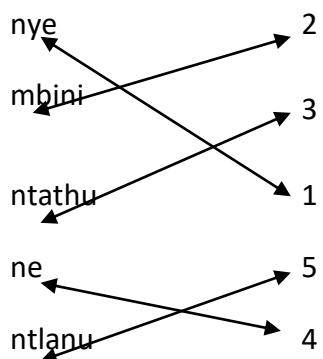
Memo a.

11	12	13	14	15	16	17	18	19	20
----	----	-----------	-----------	----	----	-----------	-----------	----	-----------

b.

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

c.



1.3(3) a. Bhala inani elishiyiwego.

61	62	63	64	65	66	67	68		
		73	74	75	76	77	78	79	80
81	82	83	84					89	90
91		93	94	95	96	97			

(_)

b. Sebenzisa itshati yamanani engentla uze uphendule imibuzo.

- Faka umbala obomvu kumanani aphakathi kwama 65 nama 69.
- Faka umbala obomvu kumanani aphakathi kwama 91 nama 96.
- Faka umbala ozuba kuwo wonke amanani angonombini aphakathi kwama 75 nama 85.

(_)

c. Bhala inani elifanelekileyo ecaleni kwegama lenani ngalinye.

ishumi		63	36
elinesibini	—		
ishumi		61	16
elinesixhenxe	—		
amashumi			
amabini	—	12	21
anesihlanu			
amashumi			
amathathu	—	7	17
anesithandathu			
amashumi			
amathandathu	—	25	52
ananye			

(_)

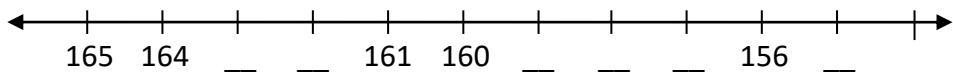
Memo a no b:

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

c.

ishumi	—	12
elinesibini	—	
ishumi	—	17
elinesixhenxe	—	
amashumi		
amabini	—	25
anesihlanu		
amashumi		
amatathathu	—	36
anesithandathu		
amashumi		
amatandathu	—	61
ananye		

1.3(4) a. Bhala inani elishiyiwego.



- Faka umbala obomvu kwinani elingaphezulu ngesi 2 kune 157.
- Faka umbala ozuba kwinani elingaphantsi ngesi 2 kune 163.
- Krwela umgca ngaphantsi kwawo onke amanani ayiminqakathi ephakathi kwe 164 ne 158.

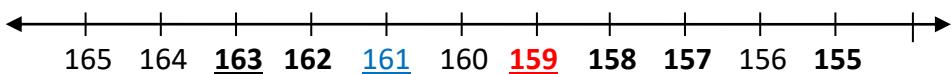
(_)

b. Bhala igama lenani elifanelekileyo.

54	_____	ishumi elinesithathu
69	_____	amashumi amathathu ananye
13	_____	amashumi asixhenxe anesibini
85	_____	amashumi amabini anesixhenxe
100	_____	amashumi amane anesihlanu
27	_____	amashumi amahlanu anesine
		amashumi alithoba anesithandathu
		amashumi amathandathu
		anesithoba
		amashumi asibhozo anesihlanu
		amashumi amahlanu anesibhozo
		ikhulu elinye ishumi

(_)

Memo a.



b.

- 54 **amashumi amahlanu anesine**
- 69 **amashumi amathandathu anesithoba**
- 13 **ishumi elinesithathu**
- 85 **amashumi asibhozo anesihlanu**
- 100 **ikhulu elinye**
- 27 **amashumi amabini anesixhenxe**

1.3(5) a. Bhala amanani ashayiwego.

			684	685	686	687	688		
691	692	693	694	695	696	697	698		

- Faka umbala obomvu kwinani elingaphezulu ngesi 3 kunama 696.
- Faka umbala ozuba kwinani elingaphantsi ngesi 3 kunama 696
- Krwela umgca ngaphantsi kwenani elilandela ama 699.
- Krwela umgca ngaphantsi kwenani elilandela ama 686

(_)

b. Tshatisa amagama amanani namanani.

amakhulu amabini anamashumi 307

amathathu anesibhozo

amakhulu amathathu anesixhenxe 278

amakhulu amabini anamashumi asixhenxe 238
anesibhozo

amakhulu amane anamashumi amahlanu 510
anesithathu

amakhulu amathathu anamashumi 453
amahlanu anesithandathu

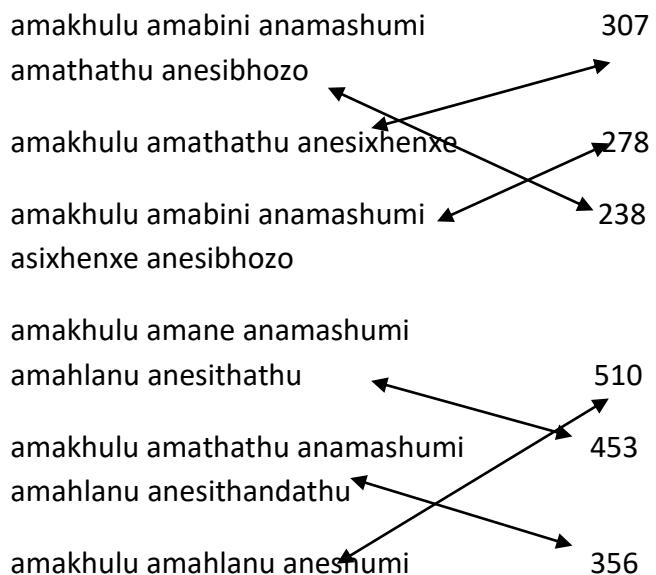
amakhulu amahlanu aneshumi 356

(_)

Memo a.

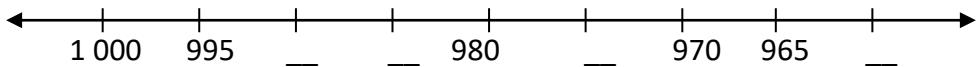
681	682	683	684	685	686	<u>687</u>	688	689	690
691	692	693	694	695	696	697	698	699	700

b.



1.3(6)

a. Bhala amanani ashiiywego.



- Bhala phantsi amanani angonombini aphakathi kwe 1000 nama 995.
- Bhala phantsi amanani ayiminqakathi aphakathi kwama 970 nama 965.
- Khangela inani elisembindini phakathi kwe 1000 nama 980.

()

b. Bhala amagama amanani okanye amanani anxulumanayo.

401

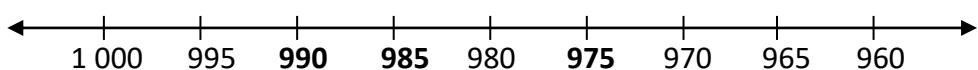
amakhulu amahlanu anamashumi
amahlanu anesithandathu

780

amakhulu alithoba anamashumi
amabini anesixhenxe

(_)

Memo a.



- Bhala phantsi amanani angonombini aphakathi kwe 1000 nama 995.
996; 998
- Bhala phantsi amanani ayiminqakathi aphakathi kwama 970 nama 965. **967; 969**
- Khangela inani elisembindini phakathi kwe 1000 nama 980. **990**

b.

401 **amakhulu amane ananye**

556 amakhulu amahlanu anamashumi
amahlanu anesithandathu

780 **amakhulu asixhenxe anamashumi
asibhozo**

927 amakhulu alithoba anamashumi amabini
anesixhenxe

1.4 Chaza, thelekisa uze ucwangcise amanani azeleyo

1.4(1)_C a. Faka umbala kwibhloko eneemilo ezininzi. Bala ubhale phantsi amanani.

Δ Δ —	Δ Δ Δ Δ —	Δ —
----------	-----------------	--------

Cwangcisa amanani uqale kwelona lincinane ukuya kwelona likhulu.

(_)

b.

Faka umbala kwibhloko eneemilo ezimbalwa. Bala uze ubhale phantsi amanani.

◊ ◊ ◊ —	◊ ◊ —	◊ ◊ ◊ ◊ ◊ —
---------------	----------	-------------------

Cwangcisa amanani uqale kwelona lincinane ukuya kwelona likhulu.

(_)

c.

Faka umbala kwiibhloko ezineemilo ezilinganayo. Bala uze ubhale phantsi amanani.

o o o o o —	o o o o o o o —	o o o o o —
-------------------	-----------------------	-------------------

isi 5 sincinane ngesi 2 kune _____

isi 7 singaphezulu ngesi 2 kune _____

(_)

Memo a.

Δ Δ	Δ Δ Δ	Δ
2	4	1

Cwangcisa amanani uqale kwelona lincinane ukuya kwelona likhulu.

1 ; 2 ; 4

b.

\diamond \diamond \diamond	\diamond \diamond	\diamond \diamond \diamond \diamond \diamond
3	2	5

Cwangcisa amanani uqale kwelona lincinane ukuya kwelona likhulu.

2 ; 3 ; 5

c.

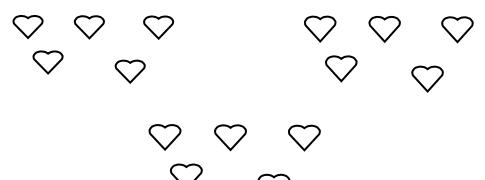
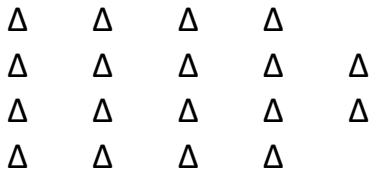
o o o o o	o o o o o o o	o o o o o
5	7	5

isi 5 sincipane ngesi 2 kune 7

isi 7 singaphezulu ngesi 2 kune 5

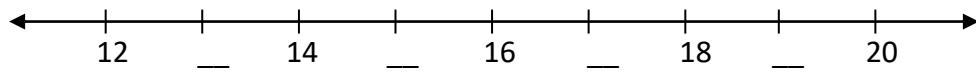
1.4(2)_C

a.

Bala ubhale inani.	Yenza inani libe ngaphezulu ngesi 2.
	_____
	_____
	_____

(_)

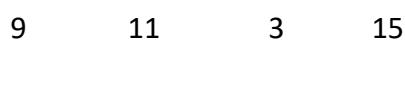
b. Fakela inani elishiyiwego kumgca manani.



- Krwela umgca ngaphantsi kwenani elingaphambi kwe 16.
- Krwela umgca ngaphantsi kwenani eliza emva kwe 12.
- Krwela umgca ngaphantsi kwenani eliphakathi kwe 18 nama 20.

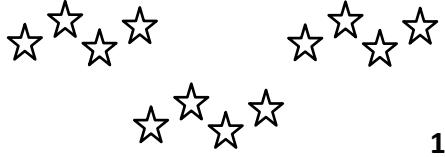
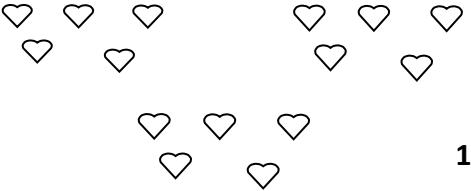
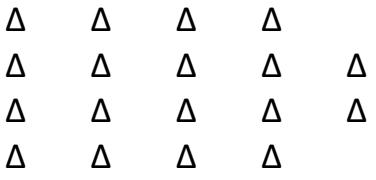
(_)

c. Bhala amanani uqale kweona lincinane uye kwelona likhulu.

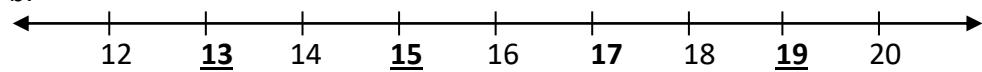


(_)

Memo a.

Bala ubhale inani.	Yenza inani libe ngaphezulu ngesi 2.
 12	14
 15	17
 18	20

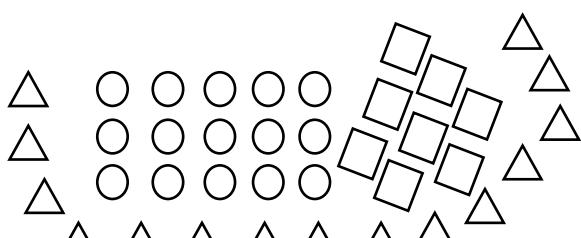
b.



c.

3 9 11 15

1.4(3)_C a. Zingaphi iimilo? Bhala amanani uze uphendule imibuzo.



—○ —△ —□

()

- b. Sebenzisa umzobo ongentla uze uphendule imibuzo.
- Zeziphi iimilo ezininzi? Bhala inani ____.
 - Yeyiphi imilo enenani elimbalwa? Bhala inani. ____
 - Zoba imilo enenani elingaphantsi kwe 9. ____
 - Zoba iimilo ezinenani elilinganayo. ____
- (_)

- c. Gqibezela. Yenza inani eliphakathi libe lincinane ngesi 2 nangaphezulu nge 2.

lincinane nge 2	inani	lingaphezulu nge 2
11	13	15
	39	
	44	
	58	

(_)

- d. Hlela uqala ngelona likhulu uye kwelona lincinane.

15	53	35	13
—	—	—	—

(_)

Memoa. 15 15 8

b.

- Zeziphi iimilo ezininzi? Bhala inani. **15**
- Yeyiphi imilo enenani elimbalwa? Bhala inani. **8**
- Zoba imilo enenani elingaphantsi kwe 9.
- Zoba iimilo ezinenani elilinganayo.

c.

lincinane nge 2	inani	lingaphezulu nge 2
11	13	15
37	39	41
42	44	46
56	58	60

d.

53 35 15 13

()

1.4(4)_C

a. Fakela amagama ashiyiweyo.

61	62	63	64	65	66				
71	72	73	74	75	76	77	78	79	80
				85	86	87	88	89	90
91	92	93	94	95	96				

- Faka umbala obomvu kumanani aphakathi kwama 71 nama 75.
- Krwela umgca ngaphantsi kwenani elincinane ngesi 2 kunama 80.
- Krwela umgca ngaphantsi kwenani elingaphezulu ngesi 2 kunama 89.
- Krwela umgca ngaphantsi kwenani eliza ngaphambi kwama 96.
- Krwela umgca ngaphantsi kwenani eliza emva kwama 87.
- Leliphi inani elikhulu kunama 69 okanye 81? Krwela umgca ngaphantsi.

()

b. Bhala amanani ukuqala kwelona lincinane ukuya kwelona likhulu.

27 69 96 72

()

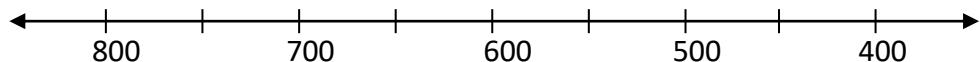
Memo a.

61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
<u>81</u>	82	83	84	85	86	87	<u>88</u>	89	90
<u>91</u>	92	93	94	<u>95</u>	96	97	98	99	100

b.

27 69 72 96

1.4(5)_C a. Gqibeza.



- Fakela inani elingaphantsi ngama 50 kunama 800.
- Fakela inani elikhulu ngama 50 kunama 400.
- Fakela inani elingaphantsi nge 100 kunama 750.
- Fakela inana elingaphezulu nge 100 kunama 450.

()

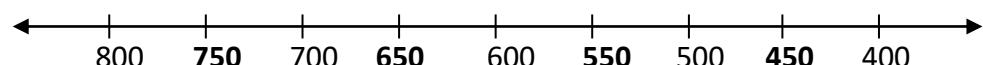
b. Hlela uqale ngelona likhulu uye kwelona lincinane.

824	284	243	842	423
-----	-----	-----	-----	-----

— — — — —

()

Memo a.



b.

842	824	423	284	243
-----	-----	-----	-----	-----

1.4(6)_C

Nali inani lakho.

500

- Yenza inani lakho libe likhulu ngesi 2 _____
- Yenza inani lakho libe likhulu nge 12. _____
- Yenza inani lakho libe lincinane nge 10. _____
- Yenza inani lakho libe lincinane ngesi 9. _____
- Kuyakufuneka udibanise bani kuma 500 ukwenza ama 700? _____
- Kuyakufuneka udibanise bani kuma 500 ukuze alingane ne 1000? _____
- Leliphi inani elikhulu 999, okanye 1 000? Kangakanani? _____

()

Memo

Nali inani lakho:

500

- Yenza inani lakho libe likhulu ngesi 2 **502**
- Yenza inani lakho libe likhulu nge 12. **512**
- Yenza inani lakho libe lincinane nge 10. **490**
- Yenza inani lakho libe lincinane ngesi 9. **491**
- Kuyakufuneka udibanise bani kuma 500 ukwenza ama 700? **200**
- Kuyakufuneka udibanise bani kuma 500 ukuze alingane ne 1000? **500**
- Leliphi inani elikhulu 999, okanye 1 000? Kangakanani? **1 1000**

1.4 Chaza, thelekisa uze ucwangcise amanani azeleyo: amanani e-odinali

1.4(1)_O *Titshala:* Beka abantwana ngomgca ukuqala kowokuqala uye kowokuggibela okanye koweshumi.

Buza imibuzo efana nale ingezantsi.

- Ngowuphi umfundu osekuqaleni emgceni?
- Ngowuphi umfundu osekugqibeleni emgceni?
- Ngowuphi umfundu ongosesibini emgceni?
- Ngowuphi umfundu ongosesithathu emgceni?
- Ume kwindawo yesingaphi uRabia emgceni?
(URabia umele loo mfundi uyakube echongiwe.)

(_)

Memo Yamkela iimpendulo ngokwemibuzo katitshala.

1.4(2)_O *Titshala:* Beka izinto emgceni ukuqala kweyokuqala ukuya kweyeshumi okanye yokuggibela. Abantwana mabakhetha amakhadi (umz. **Eyokuqala Eyesibini Eyesithathu**) babeke ezantsi kwento nganye bebonisa indawo eme kuyo. Buza imibuzo yendawo nganye eme kuyo efana nale,

- Yeyiphi into emi kwindawo yesithandathu emgceni?
- Imi kwindawo yesingaphi i... (imilo ezo zikhethiweyo)?

(_)

Memo Yamkela iimpendulo ngokwemibuzo katitshala.

1.4(3)_O *Titshala:* Yohlula abafundi babe ngamaqela. Mabakhetha amakhadi anamagama (okanye imifanekiso) yezidlo zabo abazithandayo (umz. ipitsa, pasta, igatsbi, breyani, isoseji amaqhekeza enyama, ukuya okutshisayo nenyama yomzimba, njl, njl). Abafundi kufuneka bakucwangcise abakukhethayo beqala ‘ngabakuthanda kakhulu ukuya kwabakuthanda kancinane’ kumaqela abo.

Iqela ngalinye malibonise ukuba likhethe njani na ukuqala kweyokuqala ukuya kweyokuggibela.

(_)

Memo Yamkela iimpendulo ngokwezinto ezikhethwe ngutitshala.

1.4(4)_O

a. Tshatisa uluhlu lwamanani ashunquliweyo kunye namagama amanani e-odinali.

11 th	eyeshumi elinesibini
12 th	eyeshumi elinesine
13 th	eyeshumi elinanye
14 th	eyeshumi elinesihlanu
15 th	eyeshumi elinesithathu
16 th	eyeshumi elinesibhozo
17 th	eyeshumi elinesithandathu
18 th	eyamashumi amabini
19 th	eyeshumi elinesixhenxe
20 th	eyeshumi elinethoba

()

b.

1 st					6 th						12 th
-----------------	--	--	--	--	-----------------	--	--	--	--	--	------------------

Titshala: Yohlula abantwana ngamaqela. Nika iqela ngalinye itshati neebhloko ezi 12 njengokuba kubonisiwe ngentla. Fundela amaqela onke umyalelo.

- Bhala uluhlu lwamanani ashunquliweyo kwibhloko.
- Zoba ichokoza elikhulu elibomvu kwibhloko yokuqala
- Zoba ichokoza elikhulu elizuba kwibhloko yesithathu
- Zoba ichokoza elikhulu eliluhlaza kwibhloko yesithandathu
- Zoba ichokoza elikhulu elityheli kwibhloko yesixhenxe
- Zoba ichokoza elikhulu elimfusa kwibhloko yeshumi
- Zoba ichokoza elikhulu elimnyama kwibhloko yokugqibela

Iqela ngalinye malibonise itshati yomsebenzi walo.

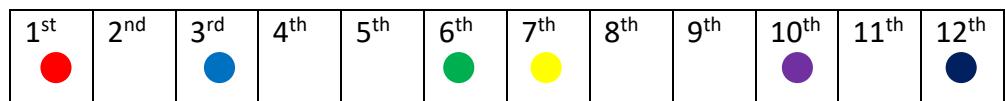
Buza imibuzo ukuze uqinise indlela yabo yokusebenza ngamanani e-odinali abonisa indawo into emi kuyo. (umz. zeziphi iindawo ezingenamachokoza anombala?)

(_)

Memo a.

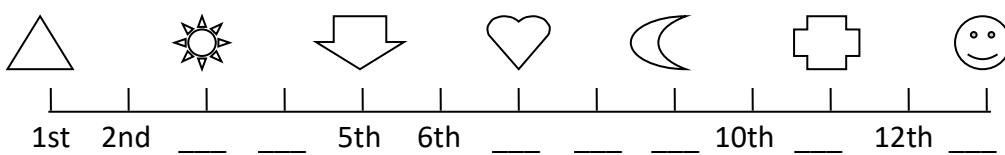
11 th	eyeshumi elinesibini
12 th	eyeshumi elinesine
13 th	eyeshumi elinanye
14 th	eyeshumi elinesihlanu
15 th	eyeshumi elinesithathu
16 th	eyeshumi elinesibhozo
17 th	eyeshumi elinesithandathu
18 th	eyamashumi amabini
19 th	eyeshumi elinesixhenxe
20 th	eyeshumi elinethoba

b.



Akukho mibala kwezi ndawo: 2nd; 4th; 5th; 8th; 9th; 11th

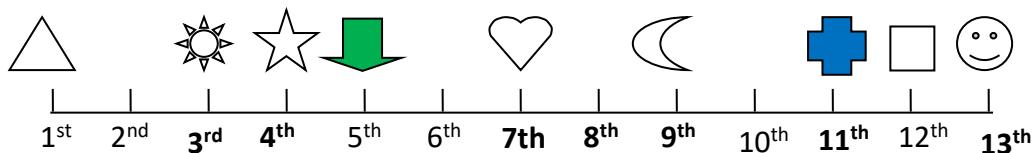
1.4(5)_O Fakela amanani ashiyiweyo.



()

- a. Imi ndawoni inyanga kunye nelanga?
Inyanga _____ ilanga _____ ()
- b. Faka umbala kwiimilo ezikwindawo yesi 5 neye 11. ()
- c. Yeyiphi imilo yesixhenxe emgceni? _____ ()
- d. Zoba imilo yenkwenkwezi  kwindawo ye 4. ()
- e. Zoba imilo yesikwere kwindawo ye 12 position. ()

Memo



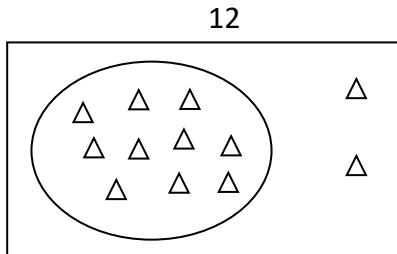
- a. inyanga 9th ilanga 3rd
 b. Faka umbala kwiimilo ezikwindawo yesi 5 nendawo ye 11.
 c. Yeyiphi imilo yesixhenxe emgceni? **Heart**

- 1.4(6)_O a. Gqibezela lamanani kulomqolo.
 5 ; 10 ; 15 ; 20 ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ()
- b. Liyakuba ngubani inani lesihlanu kulomqolo? _____ ()
- c. Liyakuba ngubani inani leshumi kulomqolo? _____ ()
- d. Liyakuba ngubani inani le 12 kulomqolo? _____ ()
- e. Liyakuba ngubani inani lama 20 kulomqolo? _____ ()
- f. Ayakuma ndawoni lamanani:
 35? _____ 80? _____ ()

- Memo** a. 5 ; 10 ; 15 ; 20 ; **25** ; 30 ; 35 ; 40 ; 45 ; 50
 b. Liyakuba ngubani inani lesihlanu kulomqolo? **25**
 c. Liyakuba ngubani inani leshumi kulomqolo? **50**
 d. Liyakuba ngubani inani le 12 kulomqolo? **60**
 e. Liyakuba ngubani inani lama 20 kulomqolo? **100**
 f. Ayakuma ndawoni lamanani:
 35? **7th** 80? **16th**

1.5 Ixabiso lendawo elimi kuyo inani

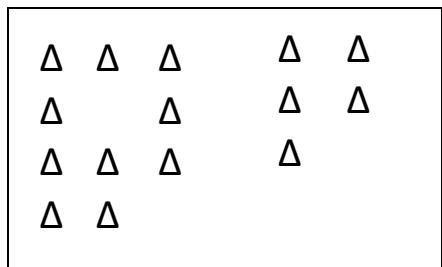
1.5(1) a. Gqibezela.



$$12 \text{ elikhululekileyo} = 12$$

___ iqela leshumi ___ ezikhululekileyo = 12 ()

b. Gqibezela. Faka isangqa kwiqela leshumi.



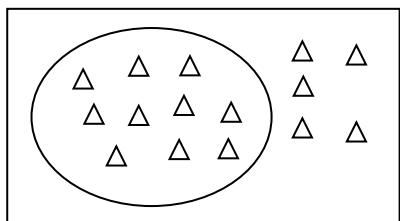
$$15 \text{ lezhululekileyo} = 15$$

___ iqela leshumi ___ ezikhululekileyo = 15

___ iqela leshumi nezi ___ ezikhululekileyo= 19 ()

Memo a. 1 iqela leshumi nezi 2 ezikhululekileyo = 12

b.



$$1 \text{ iqela leshumi nezi } 5 \text{ ezikhululekileyo} = 15$$

$$1 \text{ iqela leshumi nezi } 9 \text{ ezikhululekileyo} = 19$$

1.5(2)

Gqibezela.

- 1 iqela leshumi nezi 6 ezikhululekileyo = _____
- 1 iqela leshumi nezi 4 ezikhululekileyo = _____
- 1 iqela leshumi nezi 9 ezikhululekileyo = _____
- 12 = 1 ishumi nezinye ezi _____
- 17 = ishumi eli _____ nezinye ezi _____
- 13 = ishumi eli _____ nezinye ezi _____

(_)

Memo

- 1 iqela leshumi nezi 6 ezikhululekileyo = **16**
- 1 iqela leshumi nezi 4 ezikhululekileyo = **14**
- 1 iqela leshumi nezi 9 ezikhululekileyo = **19**
- 12 = 1 ishumi nezi **2** izinye
- 17 = **1** ishumi nezi **7** izinye
- 13 = **1** ishumi and **3** izinye

1.5(3)

a. Gqibezela. Faka isangqa kumaqela amashumi.

Δ						
Δ						
Δ						
Δ						
Δ	Δ	Δ	Δ	Δ	Δ	

38 akhululekileyo = _____

1 iqela lamashumi nezi _____ ezikhululekileyo = 38

2 amaqela amashumi nezi _____ ezikhululekileyo = 38

3 amaqela amashumi nezi _____ ezikhululekileyo = 38

4 amaqela amashumi nezi _____ sezinye = 48

(_)

b. Gqibezela.

37 = amashumi ama ___ nezinye ezi ___

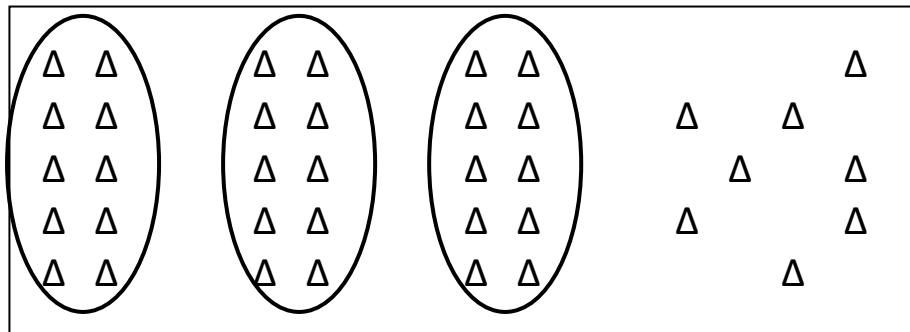
43 = amashumi ama ___ nezinye ezi ___

53 = 50 nesi ___

48 = ___ nesi 8

()

Memo a.



38 akhululekileyo = **38**

1 iqela lamashumi nezingama **28** ezikhululekileyo = 38

2 amaqela amashumi nezi **18** ezikhululekileyo = 38

3 amaqela amashumi nezi **8** ezikhululekileyo = 38

4 amaqela amashumi nezinye ezi **8** = 48

b.

37 = amashumi ama **3** nezinye ezi **7**

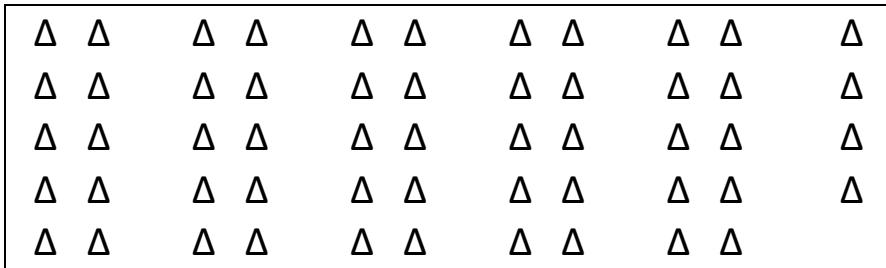
43 = amashumi ama **4** nezinye ezi **3**

53 = 50 nesi **3**

48 = **40** nesi 8

1.5(4)

a. Gqibezela. Faka isangqa kumaqela amashumi



Ama 54 akhululekileyo = ____

Amaqela ama2 amashumi kunye ne ____ sezikhululekileyo = 54

Amaqela ama 4 amashumi kunye ne ____ lezikhululekileyo = 54

Amashumi ama ____ nezinye ezi ____ = 54

Amashumi asi ____ = ____

70 nesi 2 = ____

____ nesi ____ = 86

(_)

b. Fakela inani elishiyiwego kwibhokisi nganye.

$$23 = 20 + \boxed{\quad}$$

$$47 = \boxed{\quad} + 7$$

$$50 = 50 + \boxed{\quad}$$

$$89 = \boxed{\quad} + 9$$

(_)

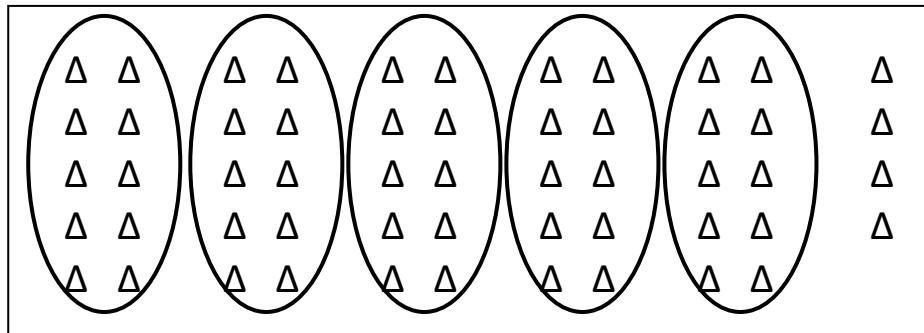
c. Gqibezela.

Ingaba idijithi 6 imele bani kuma 63? ____

Ingaba idijithi 4 imele bani kuma 74? ____

(_)

Memo a.



Ama 54 akhululekileyo = **54**

Amaqela ama2 amashumi kunye nama **34** akhululekileyo = 54

Amaqela ama 4 amashumi kunye ne **14** lezikhululekileyo = 54

Amashumi ama 5 nezinye ezi 4 = 54

Amashumi a8 = **80**

70 nesi 2 = **72**

80 nesi **6** = 86

b.

$$23 = 20 + \boxed{3}$$

$$47 = \boxed{40} + 7$$

$$50 = 50 + \boxed{0}$$

$$89 = \boxed{80} + 9$$

c.

Ingaba idijithi 6 imele bani kuma 63? **60**

Ingaba idijithi 4 imele bani kuma 74? **4**

1.5(5) a. Cazulula amanani ngokwamakhulu, amashumi kunye nezinye.

$343 = \text{amakhulu ama } \underline{\quad} + \text{amashumi ama } \underline{\quad} + \text{izinye ezi } \underline{\quad}$

$502 = \text{amakhulu ama } \underline{\quad} + \text{amashumi } \underline{\quad} + \text{izinye ezi } \underline{\quad}$

$400 + \underline{\quad} + \underline{\quad} = 476$

$\underline{\quad} + \underline{\quad} + \underline{\quad} = 799$

()

b. Bhala ngamanani.

Ikhulu linye linamashumi asibhozo anesine _____

Amakhulu mathandathu anamashumi amabini anesithathu _____

Amakhulu amane anesixhenxe _____

(_)

c. Gqibeza.

Ingaba idijithi 5 imele bani kwi 159? _____

Ingaba idijithi 4 imele bani kuma 476? _____

(_)

Memo

a.

343 = amakhulu ama 3 + amashumi ama 4 + izinye ezi 3

502 = amakhulu ama 5 + namashumi 0 + nezinye ezi 2

400 + 70 + 6 = 476

700 + 90 + 9 = 799

b.

Ikhulu linye linamashumi asibhozo anesine **184**

Amakhulu mathandathu anamashumi amabini anesithathu **623**

Amakhulu amane anesixhenxe **407**

c.

Ingaba idijithi 5 imele bani kwi 159? **50**

Ingaba idijithi 4 imele bani kuma 476? **400**

1.5(6)

a. Bhala amanani.

Amashumi ama 6 nemivo eli 13 = _____

Imivo engama 300 = _____

Amakhulu ama 5 nemivo engama 27 = _____

Amashumi angama 28 nemivo eli 9 = _____

Amakhulu asi 7 nemivo emi 4 = _____

(_)

b. Yenza amacala alingane.

$$100 + \boxed{\quad} + 3 = 3 + 170$$

$$\boxed{\quad} + 50 + \boxed{\quad} = 300 + 51$$

$$\boxed{\quad} + \boxed{\quad} + \boxed{\quad} = 600 + 66$$

(_)

c. Ingaba idijithi 6 imele bani kwinani ngalinye kula alandelayo?

446 _____

608 _____

363 _____

(_)

Memo

a. Amashumi ama 6 nemivo eli 13 = **73**

Imivo engama 300 = **300**

Amakhulu ama 5 nemivo engama 27 = **527**

Amashumi angama 28 nemivo eli 9 = **289**

Amakhulu asi 7 nemivo emi 4 = **704**

b.

$$100 + \boxed{70} + 3 = 3 + 170$$

$$\boxed{300} + 50 + \boxed{1} = 300 + 51$$

$$\boxed{600} + \boxed{60} + \boxed{6} = 600 + 66$$

c.

446 **6**

608 **600**

363 **60**

1.7 Sombulula iingxaki zokubala kwimeko ethile: okuthabatha

1.7(1)_S	UPIet uneemoto zokudlala ezi 9. Uphise ngeemoto ezi 4. Kusele iimoto zokudlala ezingaphi ngoku? ()
Memo Iimoto ezi 5	
1.7(2)_S	UMnu Tshala uneekomityi zekofu ezi16. Kophuka iikomityi ezi 7. Zingaphi iikomityi eziseleyo ngoku? ()
Memo Iikomityi ezi 9	
1.7(3)_S	UNkskz. Stevens uthenge iimafini ezingama 54. Ezi 16 zimafini zetshokolethi. Zonke ezinye zezevanila. Zingaphi iimafini zevanila? ()
Memo Iimafini zingama 38	
1.7(3)_S	USadia wonge iR67 no Alex wonge iR82. Ingaba uAlex wonge ngaphezu ngamalini kunoSadia? ()
Memo R15	
1.7(4)_S	UNkskz. Bulo uneepokethi ezingama 62 zama orenji. Uthengise ezinye. Ngoku uneepokethi ezingama 36 eziseleyo. Ingaba uthengise iipokethi ezingaphi? ()
Memo Ama 26 eepokethi	
1.7(5)_S	UMnu. Kallis uneethayile ezininzi. Usebenzise iithayile ezingama 440 ukugquma udonga lwakhe. Usalelwe ziithayile ezingama 66. Ingaba bezingaphi iithayile ebenazo phambi kokuba azisebenzise ukugquma udonga lwakhe? ()
Memo Ama 506 eethayile	
1.7(6)_S	UNkskz. Bardien unee payi ezingama 220. Uthengisele uXola noJonah inani elilinganayo leepayi. Uneepayi ezingama 28 eziseleyo ngoku. Ingaba uJonah ufumene iipayi ezingaphi? ()
Memo Ama 96 eepayi	

1.7(6)_S U-Alex une R244. U-Akhona une R170.

Kufuneka u-Alex amnike malini u-Akhona ukuze babe nemali elinganayo?

(_)

Memo R37

1.7 Sombulula iingxaki zokubala kwimeko ethile: ukudibana

1.7(1)_A UMandy uneepesile ezi 6. USakhele uneepensile ezi 2.

Ingaba zingaphi iipensile zabo xa zizonke?

(_)

Memo lipensile ezi 8

1.7(2)_A UBen uneetofi ezisi 9. UJan umnike ezinye ezi 8.

Zingaphi ngoku iitofi zika Ben zizonke?

(_)

Memo i17 letofi

1.7(3)_A USakhele ufunde amaphepha angama 35 encwadi yakhe. Kusafuneka afunde amanye amaphepha angama 29.

Ingaba mangaphi amaphepha encwadi yakhe ewonke?

(_)

Memo Amaphepha angama 64

1.7(4)_A Kukho iibhokisi ezi 3 zamapere. Amapere ewonke angama 95. Kukho amapere angama 24 kwibhokisi yokuqala. Kukho amapere angama 38 kwibhokisi yesibini.

Mangaphi amapere kwibhokisi yesithathu?

(_)

Memo Amapere angama 33

1.7(5)_A Kukho amakhwenkwe a157 namantombazana a138 kwiBanga 3. kwiBanga 4 kukho amantombazana a176 namakhwenkwe a178.

Bangaphi abantwana bebonke kwiBanga 3 neBanga 4?

(_)

Memo Ama 649 abantwana

1.7(6)_A UNkskz. Manga ufunu ukuthenga ikhabhathi exabisa iR650 netafile exabisa iR220. Wonge iR500.

Kusafuneka malini?

(_)

Memo R370

1.8	Sombulula iingxaki zokubala kwimeko ethile: ukudibana okuphindiweyo okukhokelela kuphindaphindo lwamanani	
1.8 (1)	U-Uyanda usela igilasi ezi 3 zobisi ngosuku ngalunye. Uyakusela iigilasi ezingaphi zobisi ngentsuku ezi 3?	(_)
	Memo Igilasi zobisi ezi 9	
1.8(2)	Kukho iimoto ezi 4. Mangaphi amavili ewonke?	(_)
	Memo 16 lamavili	
1.8(3)	UMnu Kallis utsyalo izityalo zeminqathe kwimiqolo emi 5. Utsyalo izityalo zeminqathe ezi 6 kumqolo ngamnye. Zingaphi izityalo zeminqathe xa zizonke?	(_)
	Memo Ama 30 ezityalo zeminqathe	
1.8(4)	UNKskz Twala ubeka iikomityi zekofu etreyini. Ubeka iikomityi ezi 3 kumqolo ngamnye. Unemiqolo emi 4. a. Zingaphi iikomityi zizonke? b. Zingaphi iikomityi anokuba nazo kwiitreyi ezi 2?	(_) (_)
	Memo a. i12 leekomityi b. ama 24 eekomityi	
1.8(4)	UMnu Bhana unezityalo zeletasi ezingama 48. Kukho iindlela ezininzi anokuzityala ngazo kwimiqolo. Umqolo ngamnye kufuneka ube nezityalo ezilinganayo. a. Ukuba ufaka izityalo ezi 6 kumqolo ngamnye, uyakuba nemiqolo emingaphi? b. Ukuba wenza imiqolo emi 4, uyakuba nezityalo ezingaphi kumqolo ngamnye?	(_) (_)
	Memo a. imiqolo esi 8 b. izityalo ezi 12 kumqolo ngamnye	
1.8(5)	Umalume kaPravesh umnike ikhadi lebhanki eline R20 kulo. Wonga kulo iR5 nyanga zonke. Uyakuba namalini kwikhadi lakhe lebhanki emva kweenyanga ezi 5?	(_)

Memo R45
1.8(6) USimangy upeyinta iitoyi zakhe ezi 15 ngeyure enye. Umhlobo kaSimangy yena upeyinta itoyi zakhe ezi 5 ngeyure. a. Ingaba uSimangy upeyinte iitoyi ezingaphi emva kweeyure ezi 4? _____ b. Ingaba umhlobo wakhe upeyinte iitoyi ezingaphi emva kweeyure ezi 4? _____
Memo a. iitoyi ezi 60 b. iitoyi ezi 80 zizonke

1.8(6) USimangy upeyinta iitoyi zakhe ezi 15 ngeyure enye. Umhlobo kaSimangy yena upeyinta itoyi zakhe ezi 5 ngeyure.

a. Ingaba uSimangy upeyinte iitoyi ezingaphi emva kweeyure ezi 4? _____

b. Ingaba umhlobo wakhe upeyinte iitoyi ezingaphi emva kweeyure ezi 4? _____

Memo a. **iitoyi ezi 60**

b. **iitoyi ezi 80 zizonke**

1.9 Sombulula iingxaki zokubala kwimeko ethile: ukwahlula ngokwamaqela nokwaba ngokulinga okukhokelela kulwahlulwahlulo

1.9(1)_SH U-Ethan no Piet kufuneka bohlulelana ngeepensile ezi 6 bebonke ngokulinganayo.

Zoba into efunyanwa ngumntu ngamnye.

(_)

Memo Umzobo neepensile ezi 3 kumntu ngamnye

1.9(2)_SH UKim no Likhona bohlulelana ngeekoki ezi 19 ngokulinganayo phakathi kwabo bobabini.

Uyakufumana ezingaphi umntu ngamnye?

(_)

Memo Ilikoki ezi 9 umntu ngamnye, kusale 1

1.9(3)_SH a. Amakhwenkwe amathathu ohlulelana ngamapeka angama 36.

Iyakufumana amangaphi inkwenkwe nganye?

(_)

b. Amantombazana amane ohlulelana ngamapeka angama 36.

Iyakufumana amangaphi intombazana nganye?

(_)

c. Amakhwenkwe amahlanu ohlulelana ngamapeka angama 36.

Inkwenkwe nganye iyakufumana amangaphi?

(_)

Memo a. amapeka a12 umntu ngamnye

b. amapeka a9 umntu ngamnye

c. amapeka a7 umntu ngamnye, kusale 1

1.9(4)_SH Amantombazana amabini afumene iibhokisi ezi 3 zeepensile. Ibhokisi nganye inepensile ezi 15 kuyo. Kufuneka bohlulelana ngokulinganayo.

Bangenza njani?

(_)

Memo Umzobo obonisa iipensile ezingama 22 kumntu ngamnye, intsalela e1

1.9(5)_SH a. Abantwana aba 3 bancedise uNkskz Manga ukusebenza egadini. UNkskz Manga ubanike izithole zeletasi ezingama 78 ukuba bohlulelana ngokulinganayo. Uzakufumana izithole ezingaphi umntwana ngamnye?

(_)

b. Abantwana aba 4 bancedisa uMnu Davids egadini yakhe. UMnu Davids ubanike izithole ezingama 35 zikenye kwitoti enkulu ezinye ezingama 52 zikwenye itoti enkulu. Abantwana kufuneka bazohlule izithole ngokulinganayo. Uyakufumana izithole ezingaphi umntwana ngamnye?

(_)

Memo a. emnye ufumana izithole ezingama 26 zeletasi

b. emnye ufumana izithole ezingama 21 kusale ezi 3

1.9(6)_SH	<p>Abantwana aba 4 bafumana iR97 ngokusebenza evenkileni. Bathenge iilekese zeR25. Kufuneka bohlulelane ngokulinganayo ngetshintshi.</p> <p>Bangayenza njani lonto? Uyakufumana malini umntwana ngamnye? _____</p>
Memo iR18 ngamnye	

1.9 Sombulula iingxaki zokubala kwimeko ethile: ukwahlula ngokwamaqela nokwaba ngokulinga okukhokelela kulwahlulwahlulo.
1.9(1)_G USara unamapere ali 9. Ufaka amapere ama 3 ebhegini. Zingaphi iibhegi anokuzizalisa? ()
Memo Ibhegi ezi 3
1.9(2)_G ULikhona uneemafini ezi 17. Ufaka iimafini ezi 4 epakethini. Zingaphi iipakethi anokuzizalisa? ()
Memo Iipakethi ezi 4, kusale 1
1.9(3)_G Kutyelelo lwesikolo abantwana aba 5 bahamba kunye ngemoto enye. Kukho abantwana abangama 40. Ingaba banokukhwela kwimoto ezingaphi ezahlukileyo? ()
Memo Iimoto ezi 8
1.9(4)_G Kukho abadlali bentenetya aba 7 kwiqela elinye. Abantwana abangama 45 bafuna ukudlala intenetya. Mangaphi amaqela abanokuwenza? ()
Memo Amaqela ama 6 , kusale abadlali aba 3
1.9(5)_G a. UDilshan unebhokisi ebomvu enama-apile angama 42 nebhokisi ezuba enama-apile angama 48. Ufaka isi8 sama-apile ebhegini. Zingaphi iibhegi anokuzizalisa ngama-apile ebhokisi ezimbini? () b. UMandy ube namapere amaninzi ebhokisini. Ulahle amapere asi 9 abolileyo. Ufaka amapere ama 6 ezibhegini waza wazalisa iibhegi ezi 7. Ebemangaphi la mapere ekuqaleni? ()
Memo a. iibhegi ezi 11 , kusale 2 b. amapere angama 51
1.9(6)_G Iqela labadlali bentenetya yetafile linabatlali aba 4. Iqela labadlali bebhola yomnyazi linabatlali aba 7. U-Alex ubala abadlali abangama 29. a. Ingaba mangaphi amaqela abadlali bentenetya yetafile emangaphi amaqela abadlali bebhola yomnyazi akhoyo? () b. Ingaba inye indlela yokufumana isiphumo esisiso? ()

Memo a. amaqela ama 2 entenetya yetafile + namaqela ama 3 ebhola yomnyazi
b. ewe

1.10 Sombulula iingxaki zokubala kwimeko ethile: ukwaba ngokulinganayo okukhokelela kumaqhezu.

- 1.10(3) a. U-Alex noSakhele bafuna ukwahluelana ngeetshokolethi bha zeTex ezi3 ngokulinganayo.
Babonise ukuba benze njani. ()
- b. UPeter, uSadie noPravesh bafuna ukwahluelana ngeetshokolethi bha zeTex ezi4 ngokulinganayo.
Babonise ukuba benze njani. ()
- c. UMoosa, uSara, uKim niXola bafuna ukwahluelana ngeetshokolethi bha zeTex ezi 5 ngokulinganayo.
Babonise ukuba benze njani. ()
- Memo** a. **Umzobo obonisa itshokolethi bha e1 nehafu e1 kumntu ngamnye**
b. **Umzobo obonisa itshokolethi bha e1 nesiqingatha sesithathu esi1 sebha kumntu ngamnye**
c. **Umzobo obonisa itshokolethi bha e1 nekota e1 yebha kumntu ngamnye**
- 1.10(4) a. Abahlolo abahlanu bohluelana ngehotdog ezi6 ngokulinganayo.
Uyakufumana engakanani umhlobo ngamnye? ()
- b. Abahlolo abane bohluelana ngehotdogezi 9 ngokulinganayo.
Uyakufumana engakanani umhlobo ngamnye? ()
- c. Abahlolo aba2 bohluelana ngamapeka ali 12 ngokulinganayo.
Uyakufumana amapeka amangaphi umhlobo ngamnye? Uyakufumana iqhezu lini lamapeka umhlobo ngamnye? ()
- Memo** a. **e1 ne 1 kwisihlanu sehotdog emnye**
b. **ezi2 ne 1 kwisine/kota yehotdogs emnye**
c. **amapeka ama 6 emnye, isiqingatha esi 1**
- 1.10(5) a. Abantwana abathathu bohluelana ngeeviyena ezi10 ngokulinganayo.
Uyakufumana iiviyena ezingaphi umntwana ngamnye? ()
- b. Abantwana abahlanu bohluelana ngeeviyena ezi11 ngokulinganayo.
Uyakufumana iiviyena ezingaphi umntwana ngamnye? ()

- c. UMnu Martin ubhake iimafini ezi12. Wohlulela abahlobo bakhe aba4 ngeemafini zonke ngokulinganayo.

Ufumene iimafini ezingaphi umhlobo ngamnye? Qhezu lini elifunyenwe ngumhlobo ngamnye?

(_)

- Memo**
- a. **iiviyena ezi3 ne 1 kwisithathu umntu ngamnye**
 - b. **iiviyena ezi 2 ne 1 kwisihlanu umntu ngamnye**
 - c. **iimafini ezi 3 umntu ngamnye, 1 kwisine/ikota**

- 1.10(6) a. Abantwana abathathu bohluelana ngeetshokolethi ye Bar One ezi5 ngokulinganayo.

Babonise ukuba benze njani.

Uyakufumana itshokolethi engakanani umntwana ngamnye?

(_)

- b. Abantwana abane bohluelana ngeetshokolethi ye Bar One ezi6 ngokulinganayo.

Babonise ukuba benze njani.

Uyakufumana itshokolethi engakanani umntwana ngamnye?

(_)

- c. UNkskz Manga unama-apile ali 12. Uwohlulela abantwana bakhe aba6. Ufumene ama-apile amangaphi umntwana ngamnye?

Qhezu lini lama-apile elifunyenwe ngumntwana ngamnye?

(_)

- Memo**
- a. **isi1 nesi 2 kwisithathu emnye**
 - b. **isi1 ne 1 hafu emnye okanye 1 ne 2 sekota/2 kota emnye**
 - c. **isi2 sama-apile emnye, isi1 kwisithandathu**

1.11 Sombulula iingxaki zokubala kwimeko ethile: imali

1.11(1)



Ilekese
10 c

Itofi
5 c

- UJan unama 20 eesenti. Angathenga iitofi ezingaphi? ()
- UFundi unama 20 eesenti. Angathenga iilekese ezingaphi? ()

Memo a. **iitofi ezi 4**

b. **iilekese ezi 2**

1.11(1)

Titshala: Beka iinkozo zemali zokwenyani ezifana nezi: 5c, 10c, 20c, 50c, R1, R2 ne R5. Buza abantwana ukuba bayakwazi ukuzibona na bazichaze (umz. ubungakanani, umbala, nemibhalo)

()

Memo Yamkela iimpendulo ngokwezinto ezikhethwe ngutitsala.

1.11(2)

U-Uyanda ube neR20. Uthenge iitoyi ezincinane ezi 3. Iltoy ixitabisa R5 inye.

- Ingaba zixabise ntoni iitoyi ezi 3? ()
- Ingaba ufumene malini itshintshi? ()

Memo a. **R15**

b. **R5**

1.11(2)

Titshala: Beka iinkozo zokwenyani zemali (umz. 5c, 10c, 20c, 50c, R1, R2, R5) ne R10 ne R20 engamaphepha. Cela abantwana ukuba,

- *Bafanise iinkozo zemali nemali yamaphepha ('Ndibonise iR2.'*)
- *Bachaze iinkozo zemali nemali yamaphepha (ubungakanani, umbala, nemibhalo)*
- *Baxoxe ngexabiso leenkozo kanye nagemali yamaphepha (umz. 'Zeziphi iinkozo ezininzi? Wazi njani')*

()

Memo Yamkela iimpendulo ngokwezinto ezikhethwe ngutitsala.

1.11(3)

Kwindawo yemidlalo kufuneka uhlawule iR5 yokungena. Uze uhlawule iR4 yokukhwela into nganye. UJan une R50 yokudlala.

	a. Ingaba ufunu malini yokukhwela izinto ka6? _____ b. Uyakufumana malini itshintshi kwiR50? _____
	Memo a. R24 ngokukhwela kathandathu b. R21 itshintshi
1.11(4)	<p><i>Titshala:</i> Beka iinkozo zokwenyani zemali (umz. 5c, 10c, 20c, 50c, R1, R2, R5) ne R10 ne R20 engamaphepha. Cela abantwana ukuba,</p> <ul style="list-style-type: none"> • <i>Bafanise iinkozo zemali nemali yamaphepha ('Ndibonise iR5 nemali yephepha iR10')</i> • <i>Bachaze iinkozo zemali nemali yamaphepha (ubungakanani, umbala, nemibhalo)</i> • <i>Baxoxe ngexabiso leenkozo kune nangemali yamaphepha (umz. 'Zeziphi iinkozo ezixabiza kakhulu? Wazi njani')</i> • <i>Ngamaqela abantwana mabatshatise imifanekiso yeenkozo zemali nemali yamaphepha kwixabiso elisekhadini.</i> _____
	Memo Yamkela iimpendulo ngokwezinto ezikhethwe ngutitshala.
1.11(4)	Usapho luya ekonsathini. Bathenga amatikiti ama3 abantu abadala neli 1 lomntwana.
	 <p>a. Yimalini leyo? _____ b. Umama ubhatala amaR80. Uyakufumana malini itshintshi? _____</p>
	Memo a. R72 b. R8 itshintshi

1.11(5)	<p><i>Titshala:</i> Beka iinkozo zokwenyani zemali (umz. 5c, 10c, 20c, 50c, R1, R2, R5) nemali yamaphepha iR10, R20, R50 ne R100. Cela abantwana ukuba,</p> <ul style="list-style-type: none"> • <i>Bafanise iinkozo zemali nemali yamaphepha ('Ndibonise iR50.'</i>) • <i>Bachaze iinkozo zemali nemali yamaphepha (ubungakanani,umbala , nemibhalo)</i> • <i>Baxoxe ngexabiso leenkozo kanye nangemali yamaphepha (umz. 'Yeyiphi imali yamaphepha eninzi? Wazi njani')</i> • <i>Hlenga-hlengisa imifanekiso yeenkozo ezikhethekileyo neemali ezingamaphepha ukuqala kweyona ixabisa kancinane ukuya kweyona inkulu ngamaqela.</i> <p style="text-align: right;">()</p>
Memo Yamkela iimpendulo ngokwezinto ezikhethwe ngutitshala.	
1.11(5)	<p>USara uthenge onodoli aba 2 abaxabisa R25 emnye. Uthenge iilekese ngeR8.</p> <ol style="list-style-type: none"> a. Uchithe malini? () b. Ukuba itshintshi yakhe yiR12, ingaba ebenamalini kuqala? ()
Memo a. R58 b. R70	
1.11(6)	<p><i>Titshala:</i> Beka iinkozo zokwenyani zemali (umz. 5c, 10c, 20c, 50c, R1, R2, R5) nemali yamaphepha iR10, R20, R50, R100 ne R200. Cela abantwana ukuba,</p> <ul style="list-style-type: none"> • <i>Bafanise iinkozo zemali nemali yamaphepha ('Ndibonise iR50 yemali yephepha.'</i>) • <i>Bachaze iinkozo zemali nemali yamaphepha (ubungakanani,umbala , nemibhalo)</i> • <i>Baxoxe ngexabiso leenkozo kanye nangemali yamaphepha (umz. 'Yeyiphi imali yamaphepha eninzi? Wazi njani')</i> • <i>Yenza ipowusta yemali ngemifanekiso yazo zonke iinkozo zemali nemali yamaphepha ucwangcwise ukuqala kweyona inkulu uye kweyona ixabisa kancinane.</i> <p style="text-align: right;">()</p>
Memo Yamkela iimpendulo ngokwezinto ezikhethwe ngutitshala.	

1.11(6)

USindi uthenga iziselo ezibandayo ezi 5,
iihambhega ezi 3 neepakethi zetshipsi ezi 2.

SNACKS

Cooldrink	R2
Hamburgers	R5
Chips	R3

- a. Iyakuxabisa ntoni lonto? ()
- b. USindi ubhatala ngemali yephepha iR50. Uyakufumana malini itshintshi? ()

Memo a. R31
b. R19

1.13 Izibalo ezingalaw ulwa –meko: nokuthabatha.

1.13(1)_S a. Yenza amacala alingane. Bhala amanani.

$$3 - 1 = \underline{\quad}$$

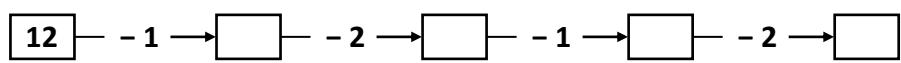
$$6 - 2 = \underline{\quad}$$

$$5 - 1 = \underline{\quad}$$

$$6 - 4 = \underline{\quad}$$

(

b. Bhala amanani.



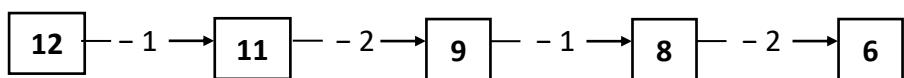
(

Memo a.

$$3 - 1 = \mathbf{2} \qquad 6 - 2 = \mathbf{4}$$

$$5 - 1 = \mathbf{4} \qquad 6 - 4 = \mathbf{2}$$

b.



1.13(2)_S Yenza amacala alingane. Bhala amanani.

a. $\underline{\quad} = 8 - 5$

$$\underline{\quad} = 8 - 3$$

$$\underline{\quad} = 10 - 6$$

$$\underline{\quad} = 10 - 4$$

(

b. $12 - 5 = \underline{\quad}$

$$17 - 4 = \underline{\quad}$$

$$\underline{\quad} = 19 - 6$$

$$\underline{\quad} = 18 - 11$$

(

Memo a.

$$\mathbf{3} = 8 - 5$$

$$\mathbf{5} = 8 - 3$$

$$\mathbf{4} = 10 - 6$$

$$\mathbf{6} = 10 - 4$$

b.

$$12 - 5 = \mathbf{7}$$

$$17 - 4 = \mathbf{13}$$

$$\mathbf{13} = 19 - 6$$

$$\mathbf{7} = 18 - 11$$

1.13(3)_S Yenza amacula alingane. Bhala amanani.

a. $15 - \underline{\hspace{2cm}} = 8$

$$15 - \underline{\hspace{2cm}} = 9$$

$$18 - \underline{\hspace{2cm}} = 12$$

$$18 - \underline{\hspace{2cm}} = 14$$

(_)

b. $56 - 24 = \underline{\hspace{2cm}}$

$$65 - 38 = \underline{\hspace{2cm}}$$

(_)

Memo a.

$$15 - \mathbf{7} = 8$$

$$15 - \mathbf{6} = 9$$

$$18 - \mathbf{6} = 12$$

$$18 - \mathbf{4} = 14$$

b.

$$56 - 24 = \mathbf{32}$$

$$65 - 38 = \mathbf{27}$$

1.13(4)_S Yenza amacula alingane. Bhala amanani.

a. $16 - 2 = \underline{\hspace{2cm}}$

$$14 = \underline{\hspace{2cm}} - 2$$

$$14 = \underline{\hspace{2cm}} - 3$$

$$17 - 3 = \underline{\hspace{2cm}}$$

(_)

b. $74 - 33 = \underline{\quad}$

$91 - 67 = \underline{\quad}$

$80 - \underline{\quad} = 54$ ()

c. Gqibezela. Eyokuqala uyenzelwe.

$50 - 10 \rightarrow 40 - 20 \rightarrow 20$

$38 - \underline{\quad} \rightarrow 30 - \underline{\quad} \rightarrow 15$

$48 - \underline{\quad} \rightarrow 30 - \underline{\quad} \rightarrow 10$

$60 - \underline{\quad} \rightarrow 48 - \underline{\quad} \rightarrow 10$

()

Memo a.

$16 - 2 = \mathbf{14}$

$14 = \mathbf{16} - 2$

$14 = \mathbf{17} - 3$

$17 - 3 = \mathbf{14}$

b.

$74 - 33 = \mathbf{41}$

$91 - 67 = \mathbf{24}$

$80 - \mathbf{26} = 54$

c.

$50 - 10 \rightarrow 40 - 20 \rightarrow 20$

$38 - 8 \rightarrow 30 - 15 \rightarrow 15$

$48 - 18 \rightarrow 30 - 20 \rightarrow 10$

$60 - 12 \rightarrow 48 - 38 \rightarrow 10$

1.13(5)_S Yenza amacula alingane. Bhala amanani.

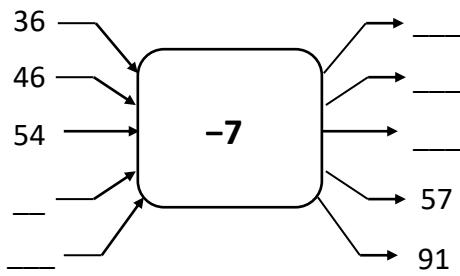
a. $268 - 46 = \underline{\quad}$

$440 - 50 = \underline{\quad}$

$464 - 307 = \underline{\quad}$

()

b. Gqibezela:



(_)

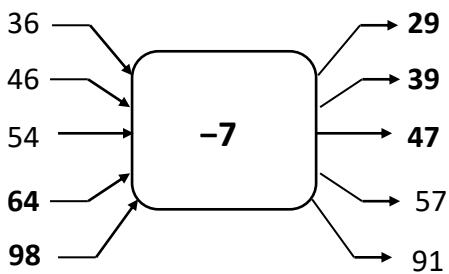
Memo a.

$$268 - 46 = 222$$

$$440 - 50 = 390$$

$$464 - 307 = 157$$

b.



1.13(6)_S Yenza amacala alingane. Bhala amanani.

a. $648 - 236 = \underline{\quad}$

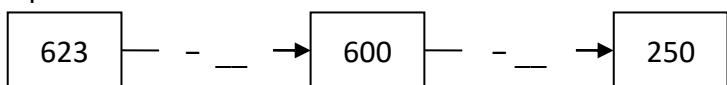
$$777 - 459 = \underline{\quad}$$

$$863 - \underline{\quad} = 574$$

$$280 = 600 - \underline{\quad}$$

(_)

b. Gqibezela.



(_)

Memo a.

$$648 - 236 = 412$$

$$777 - 459 = 318$$

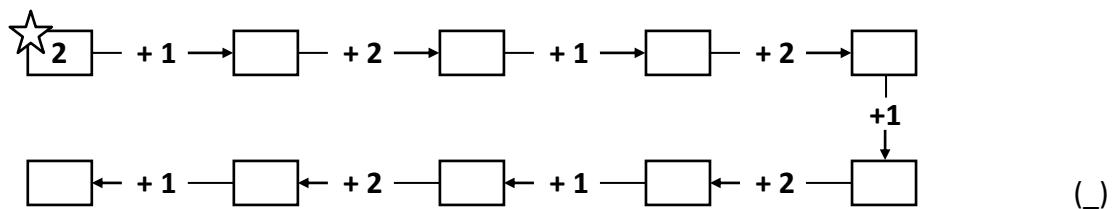
$$863 - 289 = 574$$

$$280 = 600 - 320$$



1.13 Izibalo ezingalaw ulwa –meko: ukudibanisa

1.13(1)_A a. Gqibezela. Qala enkwenkwezini.



b. Yenza amacala alingane. Bhala amanani.

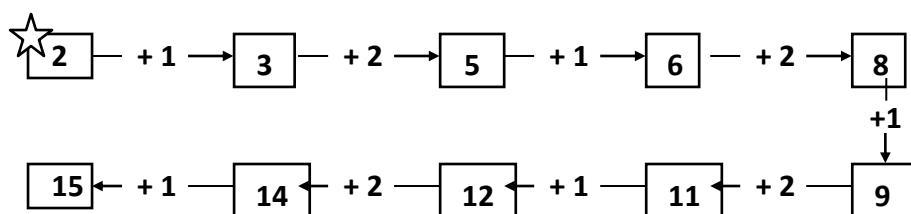
$$3 + 2 = \underline{\quad}$$

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

$$4 + 1 = \underline{\quad}$$

$$4 + 2 = \underline{\quad} \quad ()$$

Memo a.



b.

$$3 + 2 = 5$$

$$3 + 3 = 6$$

$$4 + 1 = 5$$

$$4 + 2 = 6$$

1.13(2)_A Yenza amacala alingane. Bhala amanani.

a. $\underline{\quad} = 5 + 3$

$$\underline{\quad} = 4 + 4$$

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

$$\underline{\quad} = 7 + 3 \quad ()$$

b. $12 + 4 = \underline{\quad}$

$$15 + 3 = \underline{\quad} \quad ()$$

$$\underline{\quad} = 9 + 6$$

$$\underline{\quad} = 11 + 7$$

Memo

a.
8 = 5 + 3
8 = 4 + 4
10 = 5 + 5
10 = 7 + 3

b.
12 + 4 = **16**
15 + 3 = **18**
15 = 9 + 6
18 = 11 + 7

1.13(3)_A Yenza amacala alingane. Bhala amanani.

a. $16 = \underline{\quad} + 6$

$$16 = \underline{\quad} + 7$$

$$15 = 3 + \underline{\quad}$$

$$13 = 8 + \underline{\quad}$$

$$8 + 5 = 10 + \underline{\quad}$$

()

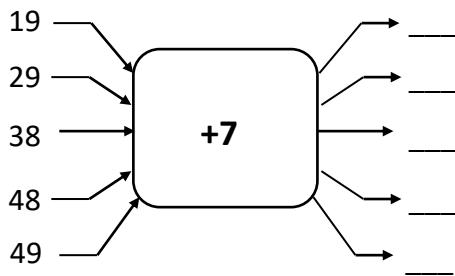
b. $23 + 36 = \underline{\quad}$

$$25 + 48 = \underline{\quad}$$

$$34 = 17 + \underline{\quad}$$

()

c. Gqibezela.



()

Memo

a.
 $16 = \mathbf{10} + 6$
 $16 = \mathbf{9} + 7$
 $15 = 3 + \mathbf{12}$
 $13 = 8 + \mathbf{5}$
 $8 + 5 = 10 + \mathbf{3}$

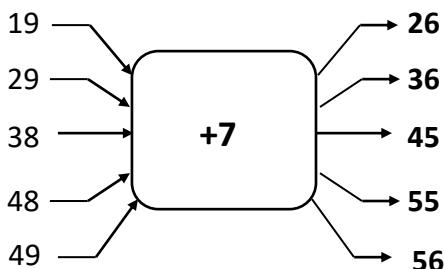
b.

$$23 + 36 = 59$$

$$25 + 48 = 73$$

$$34 = 17 + 17$$

c.



1.13(4)_A Yenza amacala alingane. Bhala amanani.

a. $13 + 3 = 11 + \underline{\quad}$

$$16 + 3 = 11 + \underline{\quad}$$

$$9 + 8 = 10 + \underline{\quad}$$

()

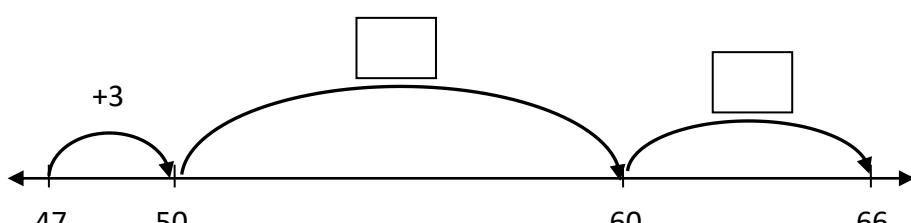
b. $30 + 54 + 17 = \underline{\quad}$

$$85 = 25 + \underline{\quad} + 30$$

$$45 + 38 = \underline{\quad}$$

()

c. Ngawaphi amanani angena ezibhokisini ?



$$47 + \underline{\quad} = 66$$

()

Memo a.

$$13 + 3 = 11 + 5$$

$$16 + 3 = 11 + 8$$

$$9 + 8 = 10 + 7$$

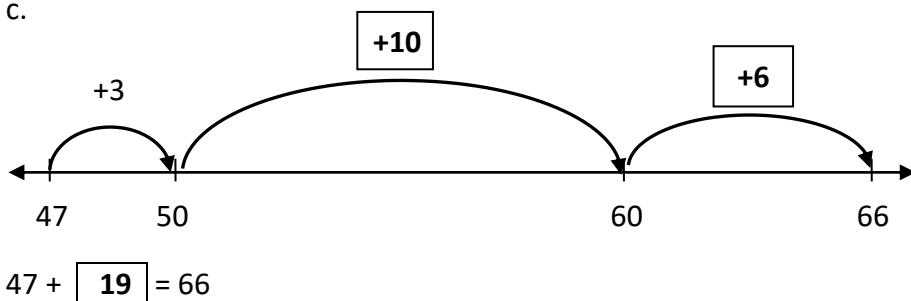
b.

$$30 + 54 + 17 = 101$$

$$85 = 25 + 30 + 30$$

$$45 + 38 = 83$$

c.



1.13(5)_A Yenza amacala alingane. Bhala amanani.

a. $242 + 34 = \underline{\hspace{2cm}}$

$323 + 48 = \underline{\hspace{2cm}}$

$330 + 80 = \underline{\hspace{2cm}}$

$52 + \underline{\hspace{2cm}} + 34 = 269$

$464 + 307 = \underline{\hspace{2cm}} \quad (\underline{\hspace{2cm}})$

b. Gqibezela.

$$\boxed{148} \longrightarrow + \underline{\hspace{2cm}} \rightarrow \boxed{150} \longrightarrow + \underline{\hspace{2cm}} \rightarrow \boxed{250}$$

$$\boxed{238} \longrightarrow + \underline{\hspace{2cm}} \rightarrow \boxed{250} \longrightarrow + \underline{\hspace{2cm}} \rightarrow \boxed{350} \quad (\underline{\hspace{2cm}})$$

Memo a.

$242 + 34 = \mathbf{276}$

$323 + 48 = \mathbf{371}$

$330 + 80 = \mathbf{410}$

$52 + \mathbf{183} + 34 = 269$

$464 + 307 = \mathbf{771}$

b.

$$\boxed{148} \longrightarrow + 2 \rightarrow \boxed{150} \longrightarrow + 100 \rightarrow \boxed{250}$$

$$\boxed{238} \longrightarrow + 12 \rightarrow \boxed{250} \longrightarrow + 100 \rightarrow \boxed{350}$$

1.13(6)_A a. Yenza amacala omabini alingane enze 30.

$$24 + \underline{\quad} = 16 + \underline{\quad}$$

$$22 + \underline{\quad} = 18 + \underline{\quad}$$

$$13 + \underline{\quad} = 27 + \underline{\quad}$$

$$19 + \underline{\quad} = 20 + \underline{\quad}$$

(_)

b. Yenza amacala alingane. Bhala amanani.

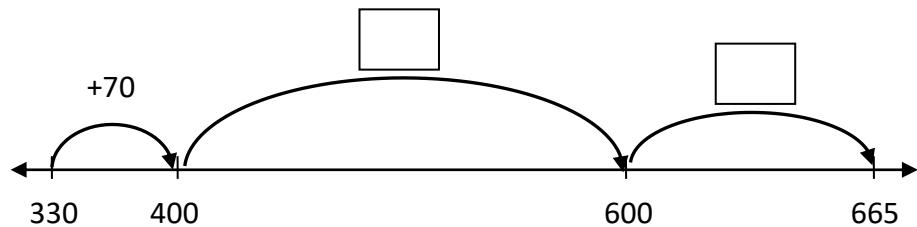
$$567 + 226 = \underline{\quad}$$

$$496 + 308 = \underline{\quad}$$

$$145 + \underline{\quad} + 180 = 425$$

(_)

c. Ngawaphi amanani angena ebhokisini ?



$$330 + \underline{\quad} = 665$$

(_)

d.
Gqibezela.



(_)

Memo

$$24 + \mathbf{6} = 16 + \mathbf{14}$$

$$22 + \mathbf{8} = 18 + \mathbf{12}$$

$$13 + \mathbf{17} = 27 + \mathbf{3}$$

$$19 + \mathbf{11} = 20 + \mathbf{10}$$

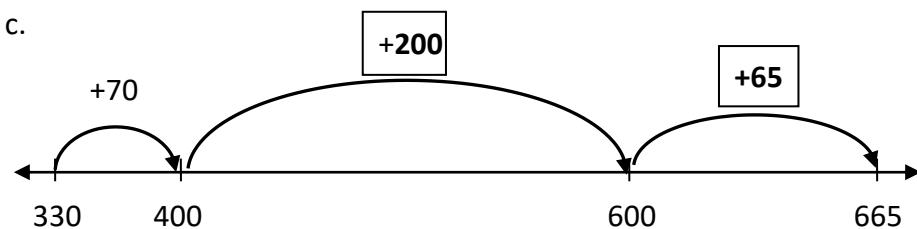
b.

$$567 + 226 = \mathbf{793}$$

$$496 + 308 = \mathbf{804}$$

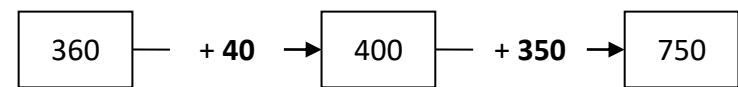
$$145 + \mathbf{100} + 180 = 425$$

c.



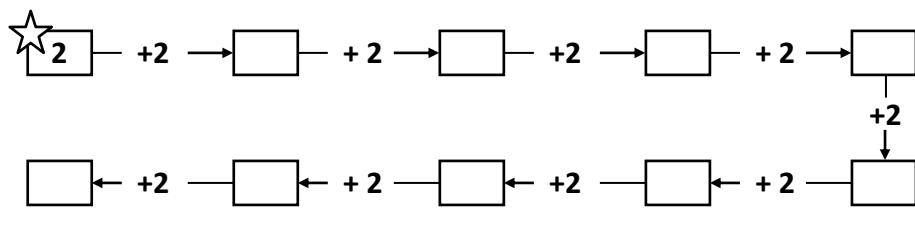
$$330 + \boxed{335} = 665$$

d.



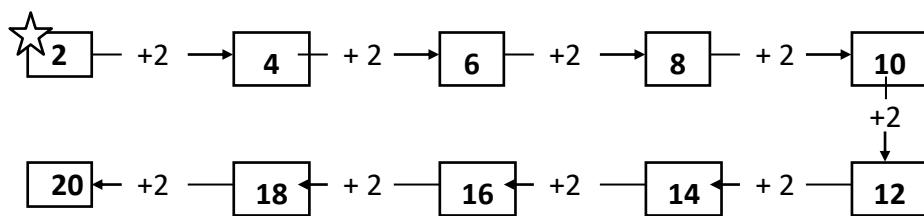
**1.14 Izibalo ezingalaw ulwa –meko: ukudibanisa ngokuphinda phindiweyo
okukhokelela kuphindaphindo lwamanani**

1.14(1)_M Gqibezela. Qala enkwenkwezini.



(_)

Memo



(_)

1.14(2)_M Gqibezela.

$$4 + 4 + 4 + 4 = \underline{\quad}$$

$$\text{amaqela ama}4 \text{ ezi } 4 = \underline{\quad}$$

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

$$\text{amaqela ama}3 \text{ ezi } 3 = \underline{\quad}$$

Memo $4 + 4 + 4 + 4 = 16$

$$\text{amaqela ama}4 \text{ ezi } 4 = 16$$

$$15 = 3 + 3 + 3 + 3 + 3$$

$$\text{amaqela ama}3 \text{ ezi } 3 = 9$$

1.14(3)_M a. Gqibezela.

$$\text{Amaqela ama}2 \text{ ezi } 5 = \underline{\quad}$$

$$2 \times 5 = \underline{\quad}$$

$$\text{Amaqela ama}4 \text{ ezi } 5 = \underline{\quad}$$

$$4 \times 5 = \underline{\quad}$$

$$\text{Amaqela asi}8 \text{ ezi } 5 = \underline{\quad}$$

$$8 \times 5 = \underline{\quad}$$

(_)

b. Gqibezela ithabhula.

Izandla	1	2	3	4	5	10
Inani leminwe	5					

(_)

Memo a.

$$\text{Amaqela ama}2 \text{ ezi } 5 = 10$$

$$2 \times 5 = 10$$

$$\text{Amaqela ama}4 \text{ ezi } 5 = 20$$

$$4 \times 5 = 20$$

$$\text{Amaqela asi}8 \text{ ezi } 5 = 40$$

$$8 \times 5 = 40$$

b.

Izandla	1	2	3	4	5	10
Inani leminwe	5	10	15	20	25	50

1.14(4)_M a. Gqibezela isivakalisi manani.

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

$$6 \times 2 = \underline{\quad}$$

$$12 \times 2 = \underline{\quad}$$

$$\underline{\quad} = 10 \times 2$$

$$2 \times 4 = \underline{\quad}$$

$$4 \times 4 = \underline{\quad}$$

$$8 \times 4 = \underline{\quad}$$

$$\underline{\quad} = 10 \times 4$$

()

b. Gqibezela.

Amantom-bazana	1	2	3	4	6	8	10
Inani leendlebe	2	4					

()

Memo a.

$$3 \times 2 = \mathbf{6}$$

$$6 \times 2 = \mathbf{12}$$

$$12 \times 2 = \mathbf{24}$$

$$\mathbf{20} = 10 \times 2$$

$$2 \times 4 = \mathbf{8}$$

$$4 \times 4 = \mathbf{16}$$

$$8 \times 4 = \mathbf{32}$$

$$\mathbf{40} = 10 \times 4$$

b.

Amantom-bazana	1	2	3	4	6	8	10
Inani leendlebe	2	4	6	8	12	16	20

1.14(5)_M Yenza amacala alingane. Bhala amanani.

$$4 \times \underline{\quad} = 16$$

$$\underline{\quad} \times 4 = 32$$

$$16 \times 4 = \underline{\quad}$$

$$\underline{\quad} \times 3 = 18$$

$$12 \times \underline{\quad} = 36$$

$$24 \times 3 =$$

$$\underline{\quad} \times 3 = 75$$

()

Memo $4 \times 4 = 16$

$8 \times 4 = 32$

$16 \times 4 = 64$

$6 \times 3 = 18$

$12 \times 3 = 36$

$24 \times 3 = 72$

$25 \times 3 = 75$

1.14(6)_M Yenza amacala alingane. Bhala amanani.

$$24 = \underline{\quad} \times \underline{\quad}$$

()

Memo $24 = 6 \times 4; \quad 24 = 4 \times 6$

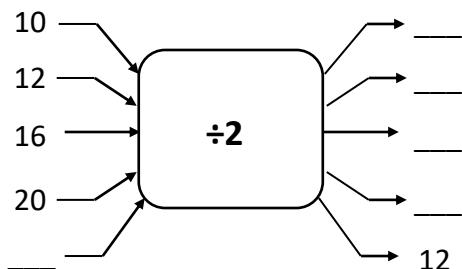
$24 = 3 \times 8; \quad 24 = 8 \times 3$

$24 = 12 \times 2; \quad 24 = 2 \times 12$

$24 = 24 \times 1; \quad 24 = 1 \times 24$

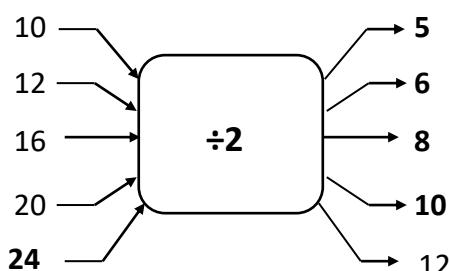
1.15 Izibalo ezingalaw ulwa –meko: ukwahlulahlula

1.15(3)_D Gqibezela.



()

Memo



1.15(4)_D Gqibezela.

$$12 \div 4 = \underline{\quad}$$

$$24 \div 4 = \underline{\quad}$$

$$48 \div 4 = \underline{\quad}$$

$$52 \div 4 = \underline{\quad}$$

$$5 \div 5 = \underline{\quad}$$

$$15 \div 5 = \underline{\quad}$$

$$30 \div 5 = \underline{\quad}$$

$$45 \div 5 = \underline{\quad}$$

$$50 \div 5 = \underline{\quad}$$

()

Memo

$12 \div 4 = 3$
 $24 \div 4 = 6$
 $48 \div 4 = 12$
 $52 \div 4 = 13$
 $5 \div 5 = 1$
 $15 \div 5 = 3$
 $30 \div 5 = 6$
 $45 \div 5 = 9$
 $50 \div 5 = 10$

1.15(5)_D Yenza amacala alingane. Bhala amanani.

$$18 \div \underline{\quad} = 6$$

$$\underline{\quad} \div 3 = 8$$

$$30 \div 3 = \underline{\quad}$$

$$20 \div \underline{\quad} = 5$$

$$\underline{\quad} \div 4 = 7$$

$$36 \div 4 = \underline{\quad}$$

()

Memo

$18 \div 3 = 6$
 $24 \div 3 = 8$
 $30 \div 3 = 10$
 $20 \div 4 = 5$
 $28 \div 4 = 7$
 $36 \div 4 = 9$

1.15(6)_D Gqibezela. Xa kukho intsalela, yibhale phantsi.

$$64 \div \underline{\quad} = 32$$

$$64 \div 3 = \underline{\quad}$$

$$72 \div 4 = \underline{\quad}$$

$$72 \div 5 = \underline{\quad}$$

$$\underline{\quad} \div 10 = 6$$

$$60 \div \underline{\quad} = 12$$

()

Memo

$64 \div 2 = 32$
 $64 \div 3 = 21$ intsalela 1
 $72 \div 4 = 18$
 $72 \div 5 = 14$ intsalela 2
 $60 \div 10 = 6$
 $60 \div 5 = 12$

1.17 Izibalo ezingalaw ulwa –meko: amaqhezu

1.17(3) Ezi zixwexwe zisikwe zangamaceba alinganayo. Gqibezela.

- Iceba ngalinye libizwa ngokuba: ihafu e1

--	--

- Iceba ngalinye libizwa ngokuba : _____

--	--	--

- Iceba ngalinye libizwa ngokuba: _____

--	--	--	--

- Iceba ngalinye libizwa ngokuba: _____

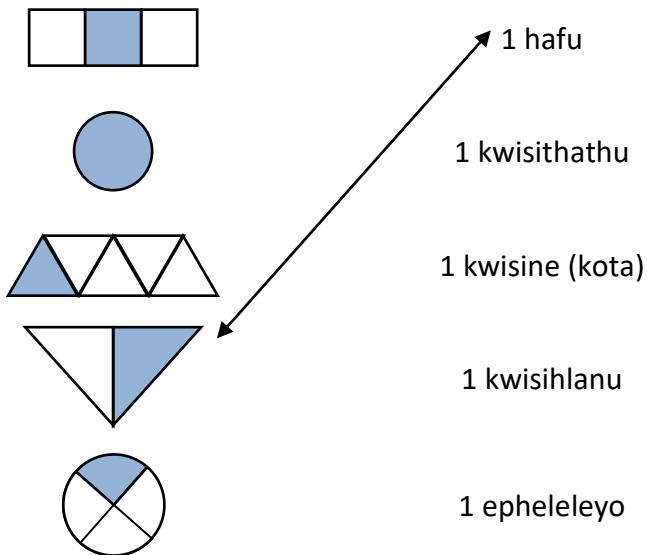
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(_)

Memo

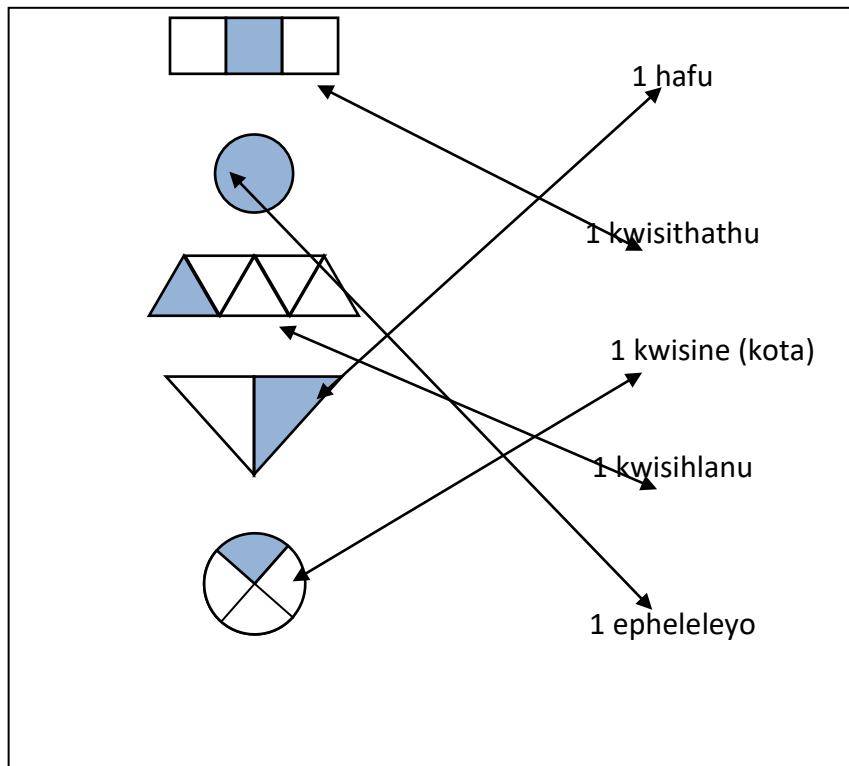
- Iceba ngalinye libizwa ngokuba:
sisi 1 kwisithathu
- Iceba ngalinye libizwa ngokuba:
sisi 1 kwisine/kota
- Iceba ngalinye libizwa ngokuba:
sisi 1 kwisihlanu

1.17(4) Tshatisa iqhezu namaceba aqatywe umbala.

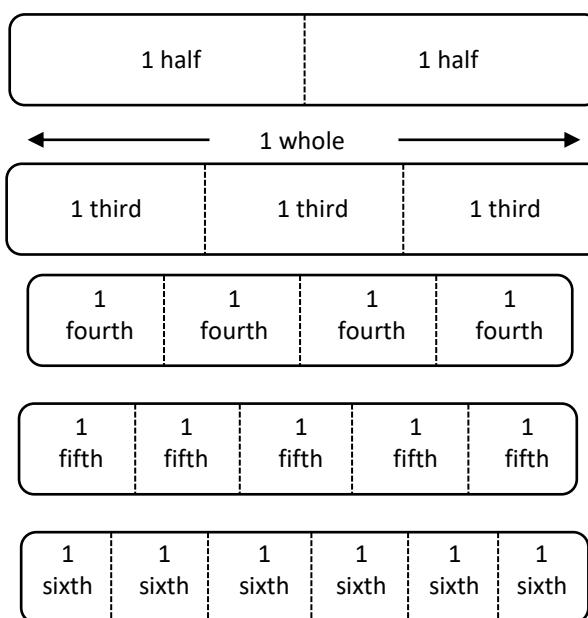


(_)

Memo



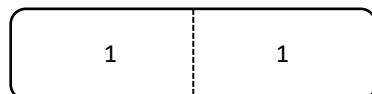
1.17(5) Ezi zixwexwe zisikwe zangamaceba alinganayo. Gqibezela.



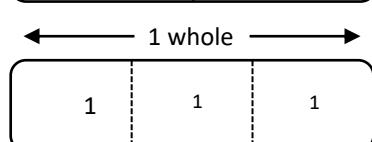
- Into e1 epheleleyo ilingana ne: nehafu ezi2
- Into e1 epheleleyo ilingana ne: _____

(_)

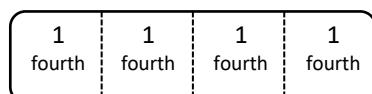
Memo



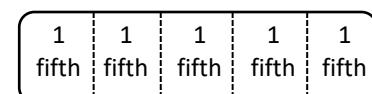
- Into e1 epheleleyo ilingana ne:
nehafu ezi 2



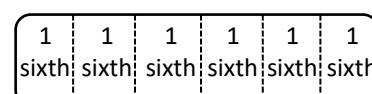
- Into e1 epheleleyo ilingana ne:
nezi 3 ezintathu



- Into e1 epheleleyo ilingana ne:
nezi 4 ezine



- Into e1 epheleleyo ilingana ne:
nezi 5 ezintlanu



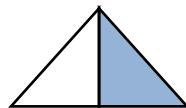
- Into e1 epheleleyo ilingana ne:
nezi 6 ezintandathu

1.17(6)

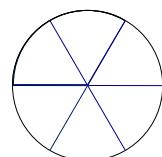
- Bhala igama leqhezu kwiceba ngalinye eliqatywe umbala ku a, b, c no d.
- Faka umbala kwiceba leqhezu ngalinye ku e no f.



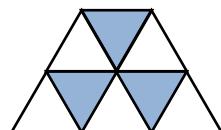
a _____



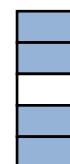
b _____



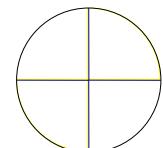
e isi 2 kwisithandathu



c _____



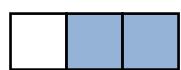
d _____



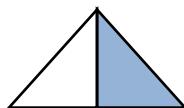
f isi 2 kwisine

(_)

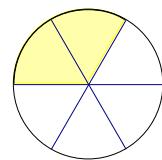
Memo



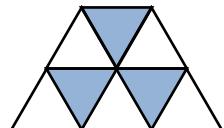
a isi 2 kwisithathu



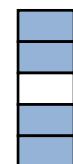
b ihafu e1



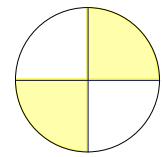
e isi 2 kwisithandathu
(neziphina inxenye ezi 2)



c izibhozo ezi 3



d isi 4 kwisihlanu

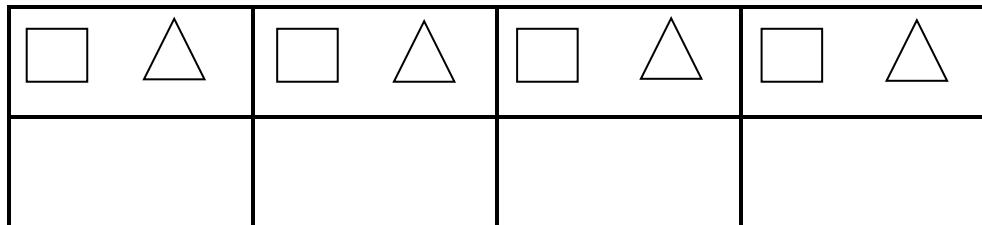


f isi 2 kwisine
kwisithandathu (neziphina
inxenye ezi 2)

lipateni, isiphumo sentsebenziswam o yamanani / ifankshini ne-aljibra

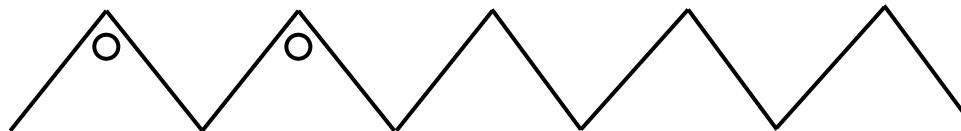
2.1 Ipateni zejiyometri

2.1(1)_GP a. Kopa iimilo kwiphatheni.



(_)

b. Kopa iphatheni uze uzobe phakathi izangoqha phakathi.

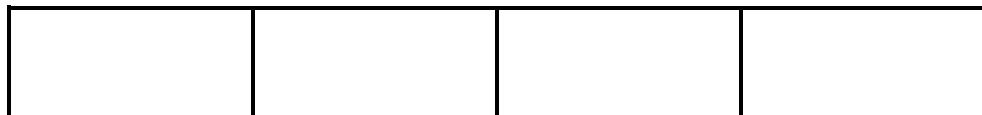


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(_)

Memo a. Yamkela nayiphina imizobo efanelekileyo.
b. Yamkela nayiphina imizobo efanelekileyo.

2.1(2)_GP Zoba neziphi iimilo ezi 2 kwibhloko yokuqala. Ziphindé iimilo ezo kanye ngendlela efanayo kuzo zonke iibhloko.



(_)

Memo Yamkela nayiphina imizobo efanelekileyo.

2.1(2)_GP Kopa uze wandise iphatheni ukuze ube nezangqa ezi 4 kwiphatheni yakho.

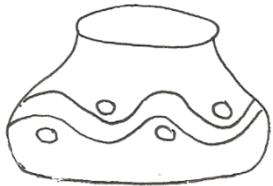
○ □ □ ○ □ □ ○

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(_)

Memo Yamkela nayiphina imizobo efanelekileyo.

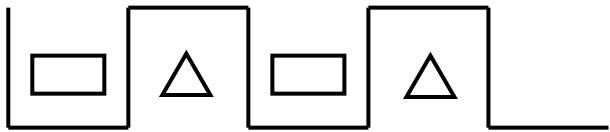
2.1(3)_GP Kopa iphatheni yevazi unqumleze iphepha lonke lencwadi.



(_)

Memo Yamkela nayiphina imizobo efanelekileyo.

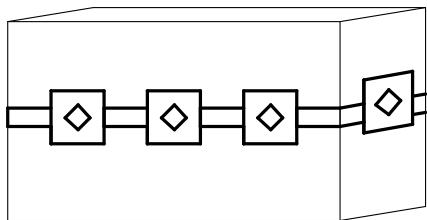
2.1(4)_GP Yandisa iphatheni ukuze ube noonxantathu aba 3 kwiphatheni yakho.



(_)

Memo Yamkela nayiphina imizobo efanelekileyo.

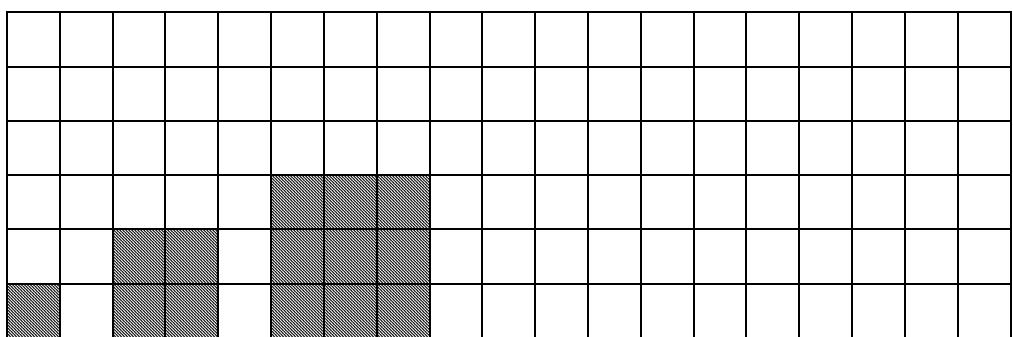
2.1(5)_GP Kopa kuphela iphatheni oyibonayo kwibhokisi. Qiniseka ukuba unezikwere ezi 4 kwiphatheni.



(_)

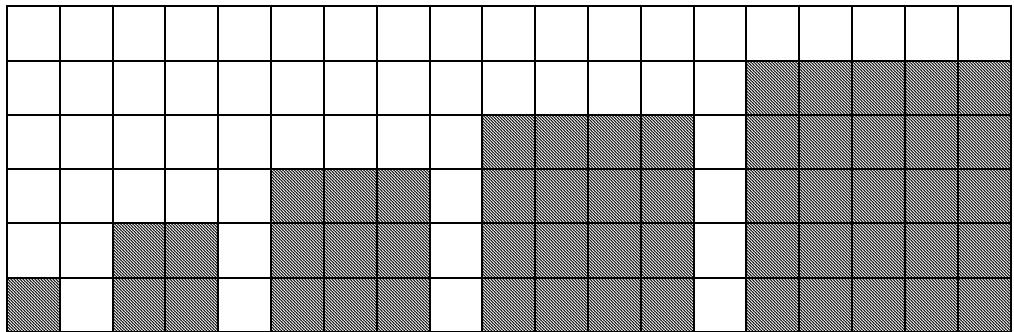
Memo Yamkela nayiphina imizobo efanelekileyo.

2.1(6)_GP Imifanekiso emithathu yokuqala yenza iphatheni. Yandisa iphatheni.



(_)

Memo



2.2 lipateni zamanani

2.2(1)_NP Fakela amanani ashayiwego kolu landelelwano lwamanani.

a.

1	2	—	—	5	6	—	—	9	—
---	---	---	---	---	---	---	---	---	---

(_)

b. 11 ; 10 ; ___ ; ___ ; ___ ; ___ ; 5 , 4 ; ___

(_)

Memo a.

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

b. 11 ; 10 ; 9 ; 8 ; 7 ; 6 ; 5 , 4 ; 3

2.2(2)_NP Bala uze ugqibezele..

a. 86 ; 85 ; 84 ; ___ ; ___ ; ___ ; 80 ; ___ ; ___

(_)

b. 62 ; 64 ; 66 ; 68 ; ___ ; ___ ; ___ ; 76 ; ___ ; ___

(_)

c. 55 ; 60 ; 65 ; ___ ; ___ ; ___ ; 85 ; ___ ; ___

(_)

Memo a. 86 ; 85 ; 84 ; 83 ; 82 ; 81 ; 80 ; 79 ; 78

b. 62 ; 64 ; 66 ; 68 ; 70 ; 72 ; 74 ; 76 ; 78 ; 80

c. 55 ; 60 ; 65 ; 70 ; 75 ; 80 ; 85 ; 90 ; 95

2.2(3)_NP Fakela amanani ashayiwego kolu landelelwano lwamanani.

a. 150 ; 140 ; 130 ; ___ ; ___ ; ___ ; 90 ; ___ ; ___ ; 60

(_)

b.

130	133	—	—	142	—	—	151	—
-----	-----	---	---	-----	---	---	-----	---

(_)

c. 122 ; 124 ; 126 ; ___ ; ___ ; ___ ; ___ ; 136 ; ___

(_)

Memo a. 150 ; 140 ; 130 ; 120 ; 110 ; 100 ; 90 ; 80 ; 70 ; 60

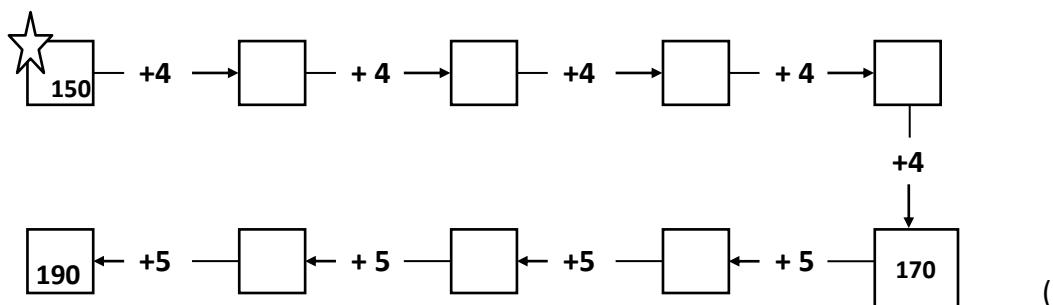
b.

130	133	136	139	142	145	148	151	154
-----	-----	-----	-----	-----	-----	-----	-----	-----

c. 122 ; 124 ; 126 ; 128 ; 130 ; 132 ; 134 ; 136 ; 138

2.2(4)_NP Gqibezela olu landelelwano lwamanani.

a.

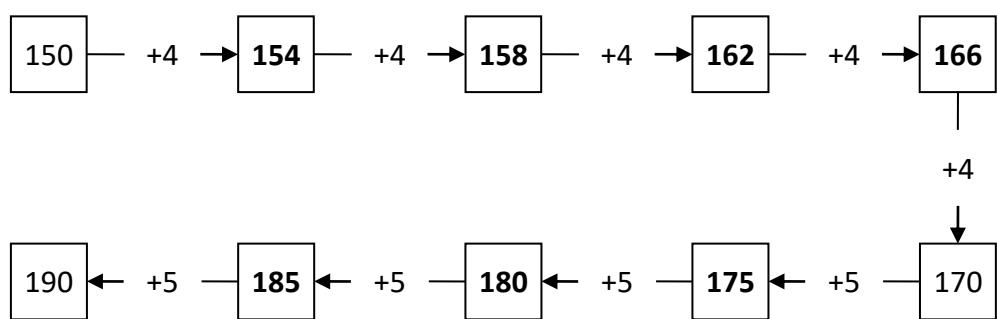


b. 180 ; 178 ; 176 ; ____ ; ____ ; ____ ; 168 ; ____ ; ____

c. ____ ; 190 ; 185 ; ____ ; ____ ; ____ ; 165 ; ____ ; 155

d. 170 ; 166 ; ____ ; ____ ; 154 ; ____ ; 146 ; ____ ; ____ ; 134

Memo a.



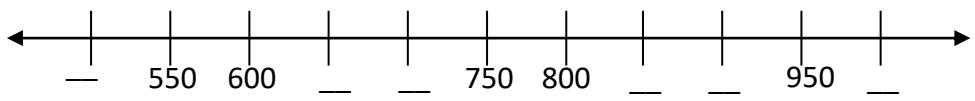
b. 180 ; 178 ; 176 ; **174** ; **172** ; **170** ; 168 ; **166** ; **164**

c. 195 ; 190 ; 185 ; **180** ; **175** ; **170** ; 165 ; **160** ; 155

d. 170 ; 166 ; **162** ; **158** ; 154 ; **150** ; 146 ; **142** ; **138** ; 134

2.2(5)_NP Fakela amanani ukugqibezela ulandelelwano lwamanani.

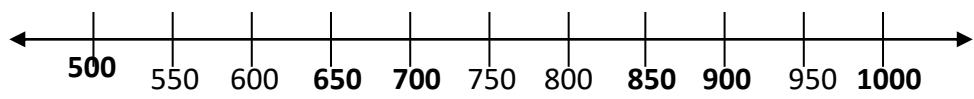
a.



b. 900 ; ____ ; ____ ; 600 ; 500 ; ____ ; ____ ; 200

c. 201 ; 203 ; ____ ; ____ ; ____ ; 111 ; 113 ; ____ ; ____ ; 119

Memo a.



b. 900 ; **800** ; **700** ; 600 ; 500 ; **400** ; **300** ; 200

c. 201 ; 203 ; **205** ; **207** ; **209** ; 111 ; 113 ; **115** ; **117** ; 119

2.2(6)_NP Gqibezela olu landelelwano lwamanani.

a.

—	—	350	450	—	—	750	—	950
---	---	-----	-----	---	---	-----	---	-----

(_)

b. — ; — ; 225 ; 250 ; — ; 300 ; — ; 350 ; — ; — ; 425

(_)

c. — ; — 860 ; 840 ; — ; — ; — ; 760 ; — ; 720

(_)

Memo a.

150	250	350	450	550	650	750	850	950
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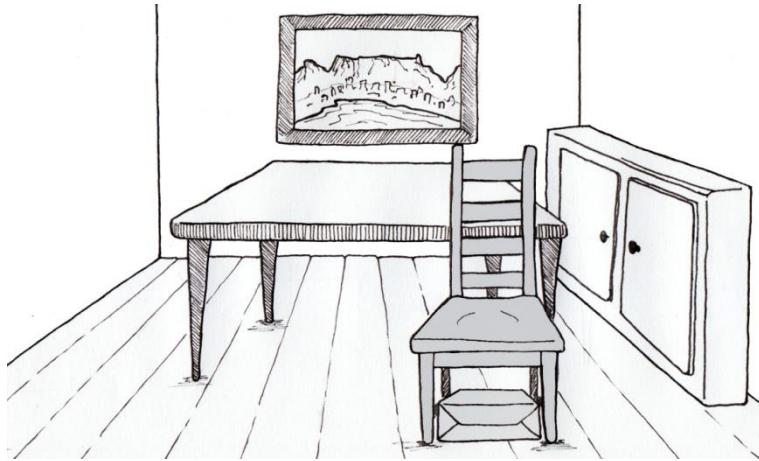
b. 175 ; 200 ; 225 ; 250 ; 275 ; 300 ; 325 ; 350 ; 375 ; 400 ; 425

c. 900; 880 ; 860 ; 840 ; 820 ; 800 ; 780 ; 760 ; 740 ; 720

Isithuba nemilo (ijiyometri)

3.1 Isithuba nemilo (ijiyometri): indawo-bume, ukufumana indawo nembonakalo

- 3.1(1) a. Jonga lo mfanekiso. Xela ukuba izinto zindawoni.



Isitulo si kwetafile.

Ibhokisi kwesitulo.

Ikhabhathi yeencwadi kwetafile.

Umfanekiso kwetafile.

(_)

Memo a.

Isitulo **siphambi** kwetafile.

Ibhokisi **ingaphantsi** kwesitulo.

Ikhabhathi yeencwadi **ingasekunene** kwetafile.

Umfanekiso **ungasemva** kwetafile.

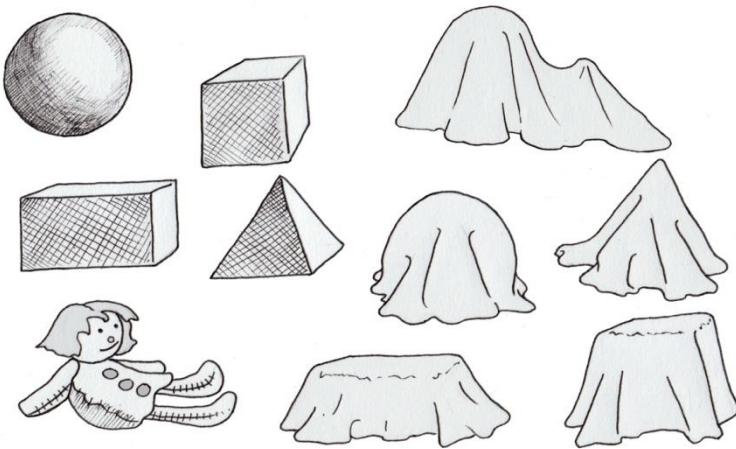
b. **Titshala:** Sebenza neqela elincinane labantwana. Beka izinto ezi 4 phezu kwetafile ngendlela yokuba izinto zibe ngasekhohlo/ngasekunene okanye ngasemva/ngaphambili kwenye nenye. Abantwana mabame barangqe itafile baze bachaze ukuba into nganye imi ndawoni ngokuphathelene nezinye, kulendawo zona zimi kuyo umz. Ipensile ingasekunene kwencwadi.

(_)

Memo b. Yamkela iimpendulo ngokwemiyalelo katitshala.

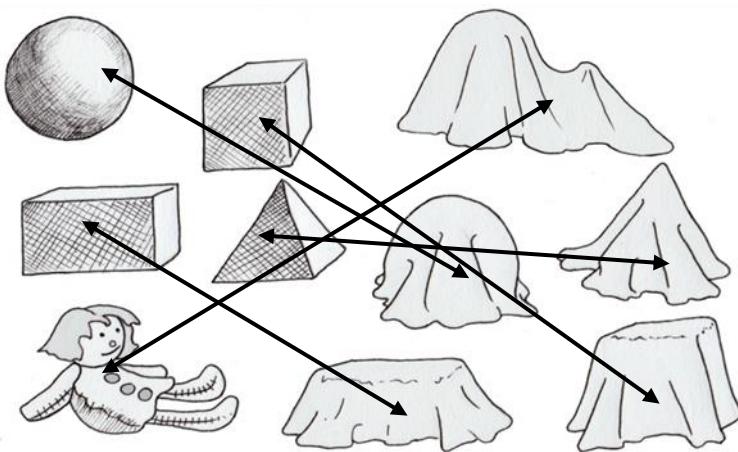
3.1(2)

- a. Jonga lo mfanekiso. Yintoni le ingaphantsi kwelaphu? Krwela umgca otshatisa iimilo ezifanayo.



(_)

Memo



- b. **Titshala:** Ibholo ezi 2, iityhubhu ezi 2, iibere zokudlala ezi 2, iibhokisi ezi 2 zesiriyeli kunye neemilo zepiramidi ukwenza lomsebenzi. Gquma enye yezinto ezimbini ngelaphu elincinci ukuze imilo yento ibonakale. Yenza lento kuzo zonke izinto eziphathhekayo. Kodwa abantwana bangakuboni xa usenza lento.

Titshala: Tshatisa into eqqunyiweyo kunye nento abayibonayo.

(_)

- c. **Titshala:** Nika lomyalelo:

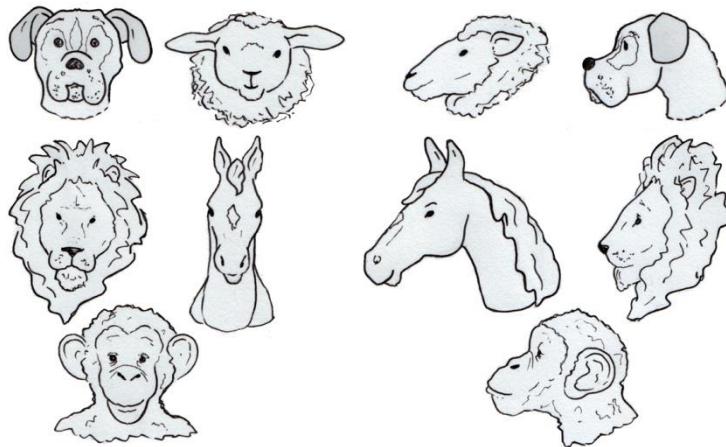
- Beka ipensile phezu kwencwadi.
- Beka irula yakho ecaleni lesandla sakho sasekunene, njl njl.

(_)

Memo b. Yamkela iimpendulo ngokwemiyalelo katitshala.

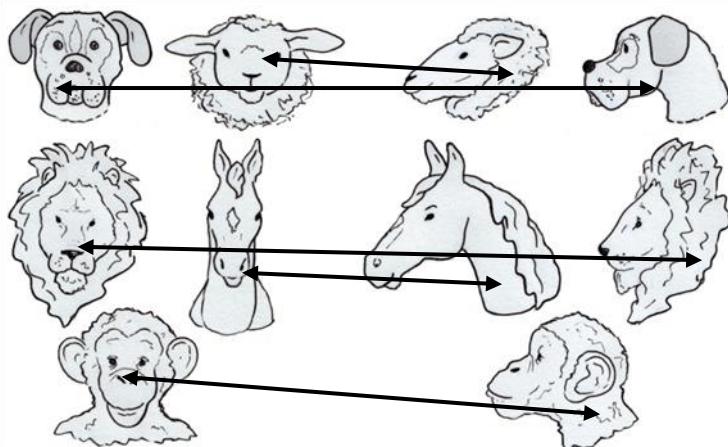
c. Yamkela iimpendulo ngokwemibuzo katitshala.

- 3.1(3) a. Tshatisa umfanekiso wecala nomphambili wobuso besilwanyana. Krwela umgca osuka kwenye uye kwenye.



(_)

Memo a.



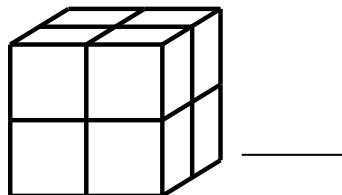
- b. **Titshala:** Eklasini, nika abantwana imikhombandlela yemigaqo emi 5 ukuba bayilandele. Abantwana balandela umyalelo wendlela umz. Hamba uye phambili kwidesika elandelayo. Jika uye ekunene ngasefestileni. Hamba ujikeleze idesika kositshala. Beka isandla sakho sasekohlo phezu kwetafile. Buyela umva kwidesika yakho.

(_)

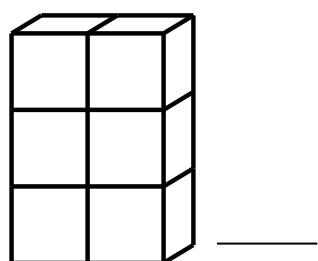
Memo b. Yamkela iimpendulo ngokwemiyalelo kositshala.

- 3.1(4) **Titshala:** Yenza umzobo weebhloko ezi 8. Abantwana mabasebenzise iibhloko ukwakha ukuze umzobo neebhloko zifane.

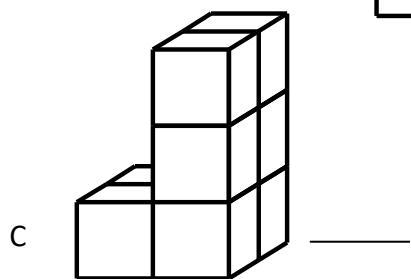
a. Zingaphi iibhloko kwisakhiwo ngasinye?



A



B

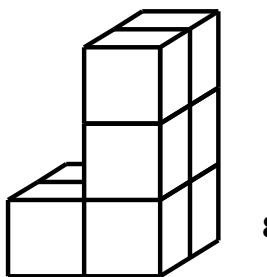
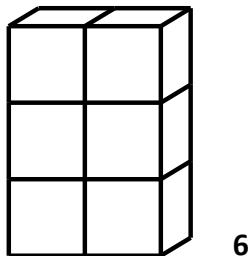
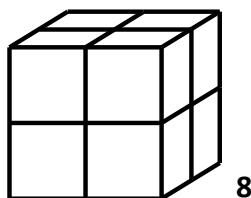


C

Yakha ngeebhloko. ()

b. Zeziphi ezona zakhiwo zikhulu? Ngoba? ()

Memo a.



b.

Zeziphi ezona zakhiwo zikhulu? **A & C**

Ngoba? **Ngokuba zinezona bhloko zininzi.**

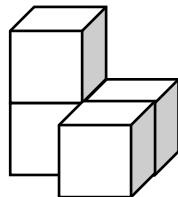
3.1(4) libhloko ziye zapeyintwa ngezantsi. Kushiyek ezi 'mpawu zebhloko' phantsi Tshatisa ezi 'mpawu zebhloko' ezishiyeka phantsi.

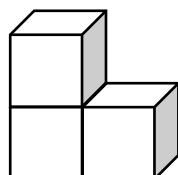
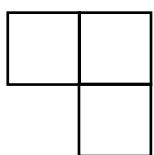
- Zingaphi iibhloko ezithe nqo phantsi? Bhala inani.
- Krwlea umgca ukusuka 'kwiimpawu zebhloko' ukuya kwibhloko efanelekileyo.

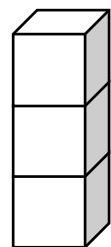
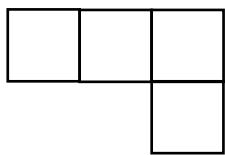
limpawu

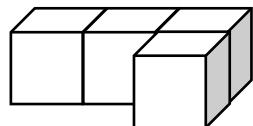
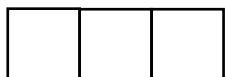


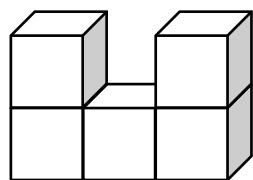
libhloko







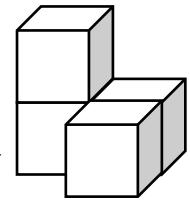




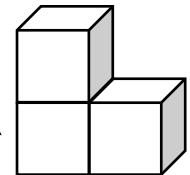
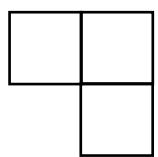
(_)

Memo limpawu

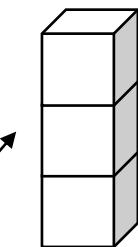
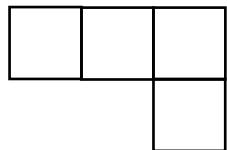
iibhloko



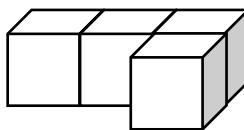
3



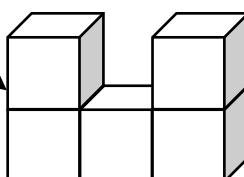
2



1



4

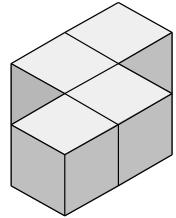


3

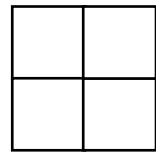
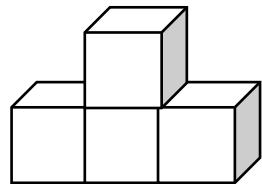
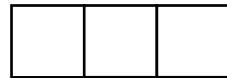
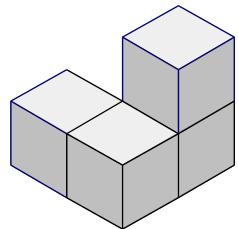
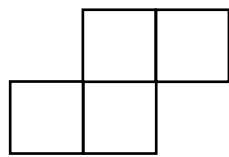
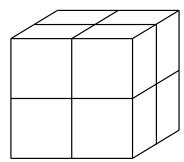
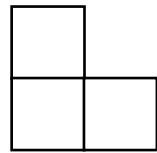
3.1(5)

- a. Tshatisa ufanekiso wecala kunye nomfanekiso womphezulu wezi zinto zilandelayo. Krwela umgca osuka kumfanekiso wecala nomfanekiso wangaphezulu.

Umfanekiso
wecala



Umfanekiso
wangaphezulu

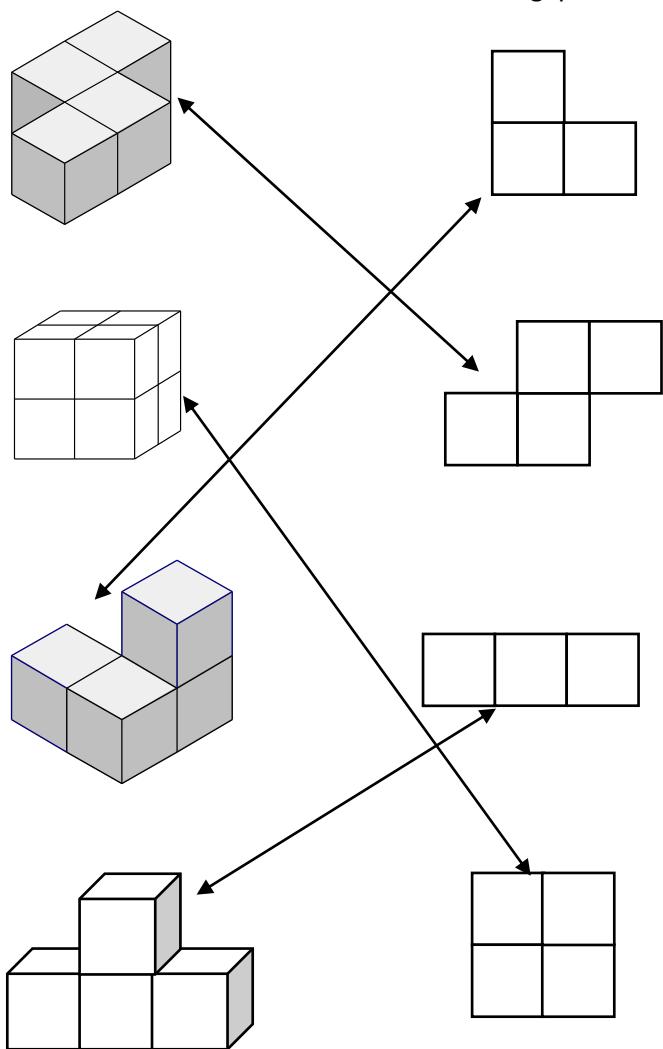


(_)

Memo

a. Umfanekiso
wecala

Umfanekiso
wangaphezulu



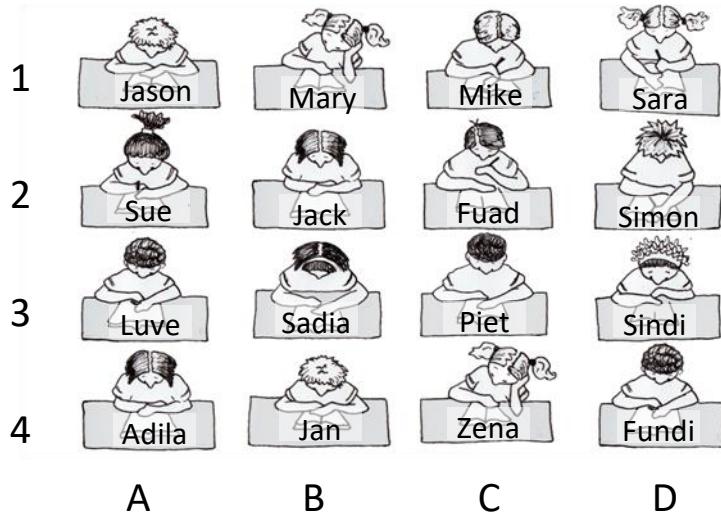
- b. *Titshala:* Abafundi basebenza ngokwamaqela ezi 4. Beka iqela leebhloko ezi 6 (imigangatho emi 2) esazulwini sedesika yomfundi. Umfundi ngamnye uhlala kwicala elahlukileyo ledesika.

Zoba indlela ozibona ngayo iibhloko phambi kwakho.

(_)

Memo b. Yamkela nayiphina imizobo efanelekileyo.

3.1(6) Jonga lemizobo ingezantsi.



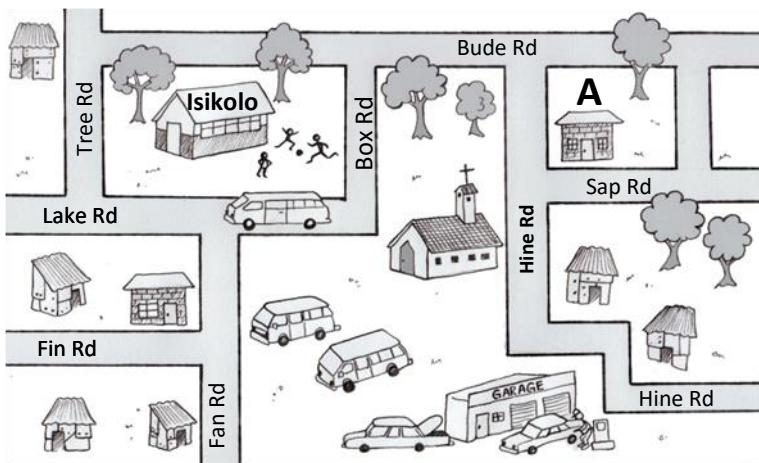
- a. Ngubani ohleli edesiken iwindawo A2? ()
- b. Ngubani ohleli edesiken iwindawo C3? ()
- c. Ikweyiphi indawo idesika kaSimon? ()
- d. Ikweyiphi indawo idesika kaLuve's? ()

Memo

- a. Sue
- b. Piet
- c. D2
- d. A3

()

3.1(6) Jonga le mapu ingezantsi.



- a. Chaza ukuba usuka njani na kwiNdlu A ukuya esikolweni. ()
- b. Chaza ukuba usuka njani na esikolweni ukuya egaraji. ()

Memo a. ukusuka kwiNdlu A ukuya esikolweni

- Jika ekunene ungene eSap Road uze ujikele ekunene kuHine Road.
- Jika ekhohlo ungene eBude Road.
- Jika ungene eBox Road uze ujike ekunene ungene eLake Road.

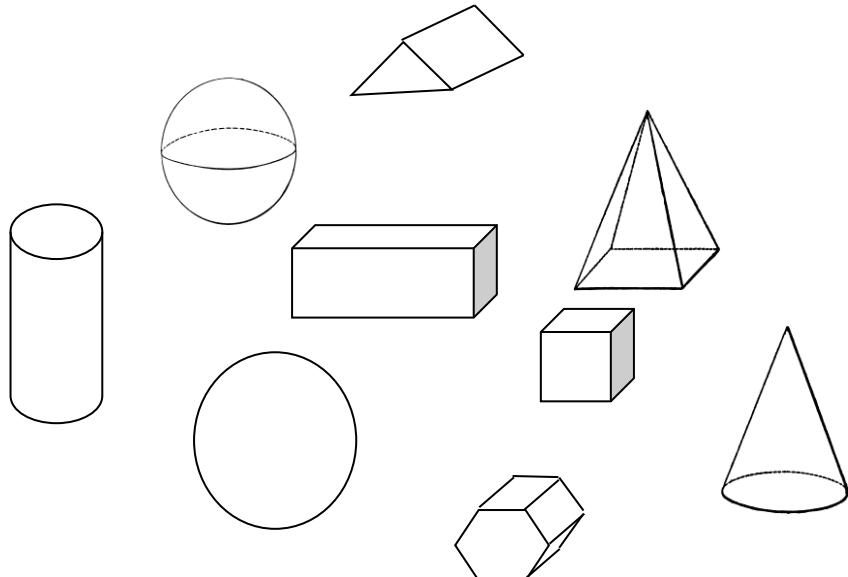
b. Ukusuka esikolweni ukuya egaraji

- Jika ekhohlo ungene eLake Road ujike ekunene ungene eFan Road.
- Hamba uyokutsho ekupheleni kweFan Road igaraji ke ingasekhhohlo.

3.2 Isithuba nemilo (ijiyometri): izinto ezinokwakheka kuka 3-D

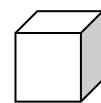
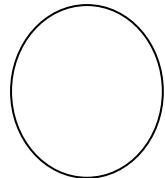
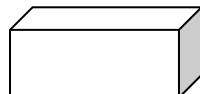
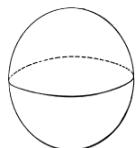
3.2(1) *Titshala:* Nika abafundi izinto ze3D ezahlukileyo.

- a. Hlela izinto ezizibhola nezizibhokisi zodwa.



(_)

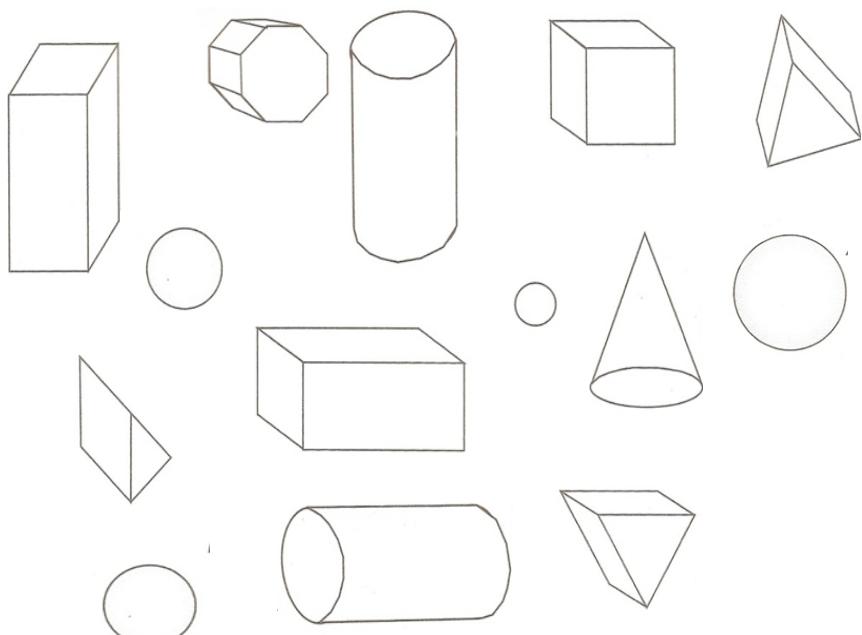
Memo a.



Imilo zebhola

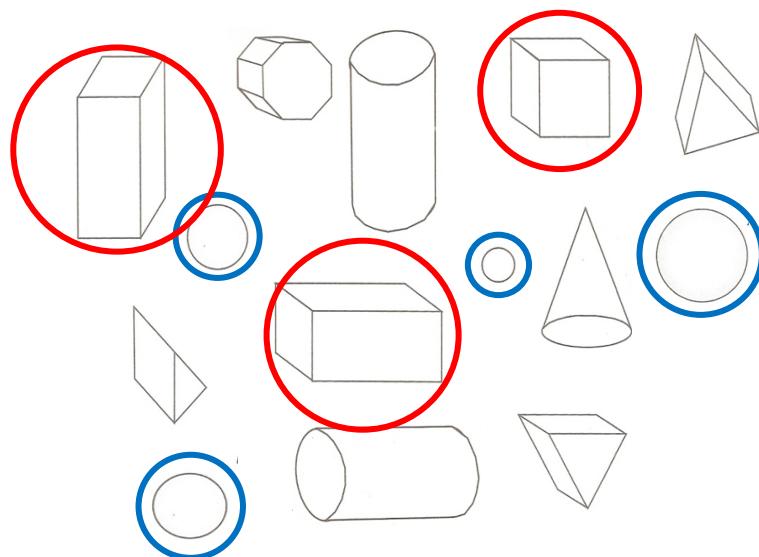
Imilo zebokisi

- b. Faka isangqa esizuba kwiimilo eziyibhola ufake isangqa esibomvu kwimilo zebhokisi.



(_)

Memo b.



3.2(2) ***Titshala:*** Nika abafundi izinto ze3D ezahlukileyo.

Hlela izinto kwibhokisi ezimbini:

- Ibhokisi 1: iimilo ezibuso busisicaba.
- Ibhokisi 2: iimilo ezinobuso obuligophe.

(_)

Memo Yamkela iimpendulo ngokwendlela ezahlukene ngazo izinto ezo.

3.2(3) a. ***Titshala:*** Nika abafundi izinto ze3D ezahlukileyo.

Hlela izinto kwiimilo zebhola, zebhokisi nesilinda.

(_)

Memo Yamkela iimpendulo ngokwendlela ezahlukene ngazo izinto ezo.

- b. *Titshala:* Faka izinto eziyi3D ebhegini. Abantwana mabaphathe bazine izinto ezisebhegini.

Umz.

Fumana into encinci engqukuva ebhegini.

Fumana into ebhegini evakala inde njengesilinda njl, njl.

(_)

Memo Yamkela iimpendulo ngokwendlela ezahlukene ngazo izinto ezo.

3.2(4)

- a. *Titshala:* Nika abafundi izinto ze3D ezahlukileyo ezityibilikayo neziqengqelekayo umz. Irolo yendlu yangasese, ikwati yeyogathi, i-orenji, ibhotile yobisi, ibhokisi yemajarini njl, njl.

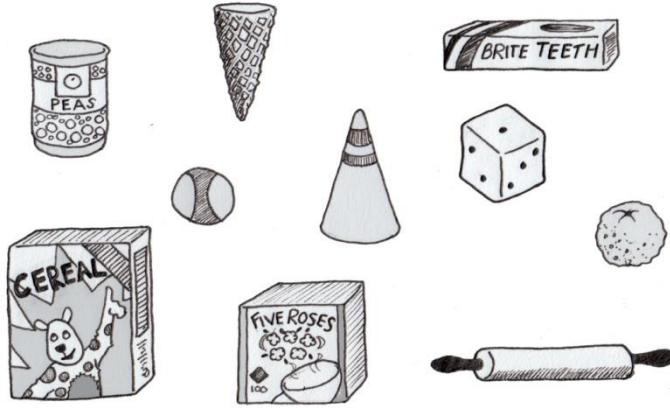
Hlela izinto kumaqela ama 2: ezo ziqengqelekayo nezo zityibilikayo.

(_)

Memo Yamkela iimpendulo ngokwendlela ezahlukene ngazo izinto ezo.

- b. Jonga kwi 3D ezingezantsi. Zihlele uzibeke kwezo ziqengqelekayo nezo zityibilikayo.

Eziqengqelekayo	Ezityibilikayo

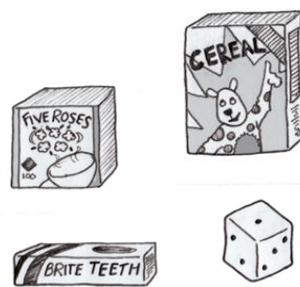


(_)

Memo



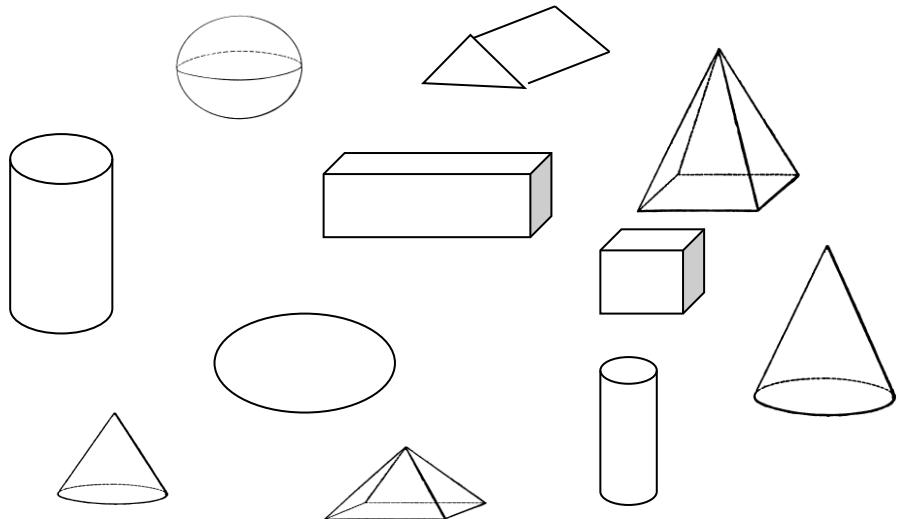
qenqeleva



tyibilika

- 3.2(5) a. *Titshala:* Bonisa abafundi izinto ze3D umz. Imilo zebhokisi, iprisim nephiramidi.
Sebenzisa umbhobho wokufunxa wokusela, umcinga wokuvungula neprestik, yakha imilo yeprizim bhokisi kanye nephiramidi. ()
- b. *Titshala:* Nika abafundi udongwe lokudlala. Bonisa abafundi izinto ze 3D umz. Isilinda, ibhola nekhoni.
Sebenzisa udongwe lokudlala ukwenza ibhola, isilinda nekhoni. ()
- Memo** a. Yamkela nayiphina indlela echanekileyo ekwenziwe ngayo.
- b. Yamkela nayiphina indlela echanekileyo ekwenziwe ngayo.

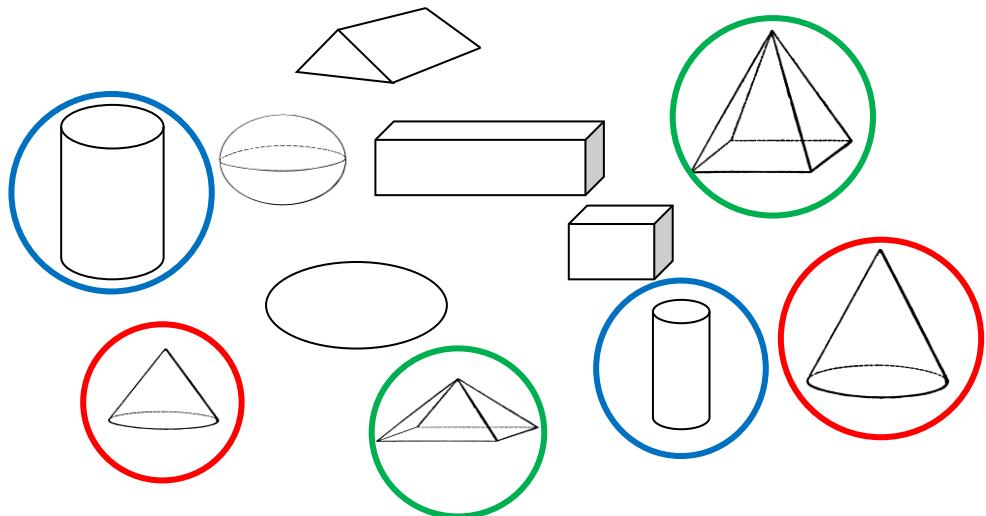
c. Jonga ezimoto zilandelayo.



- Faka isangqa esibomvu kwikhoni.
- Faka isangqa esizuba kwisilinda.
- Faka isangqa esiluhlaza kwiphiramidi.

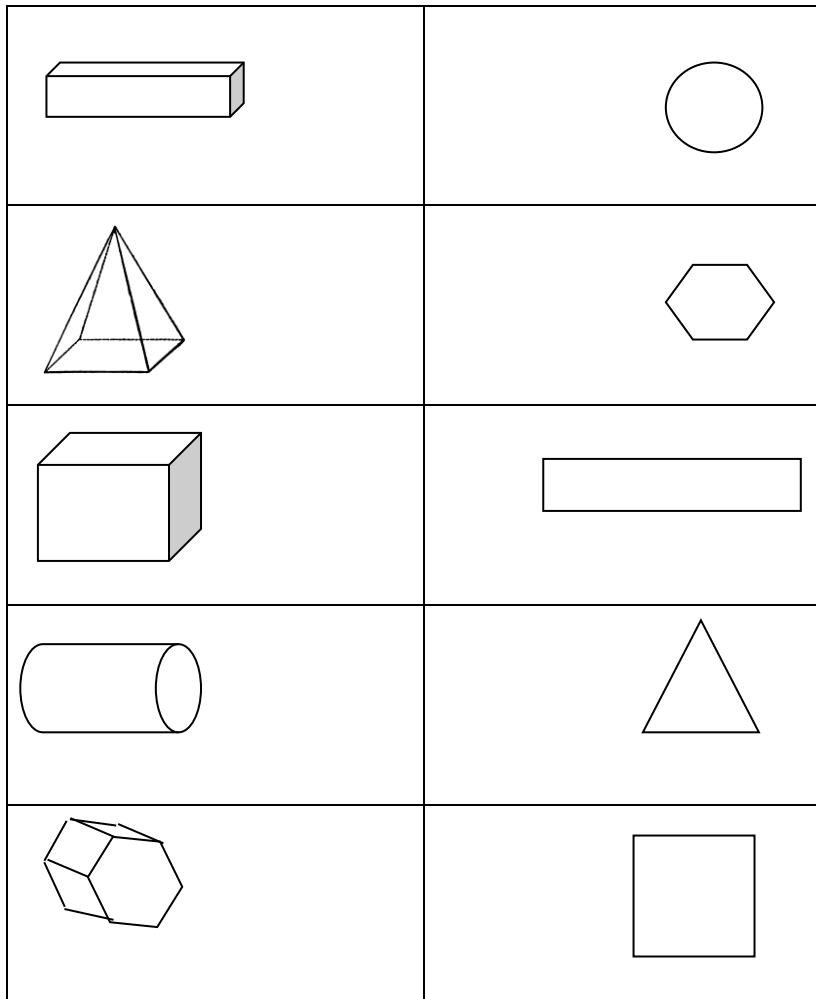
(_)

Memo c.



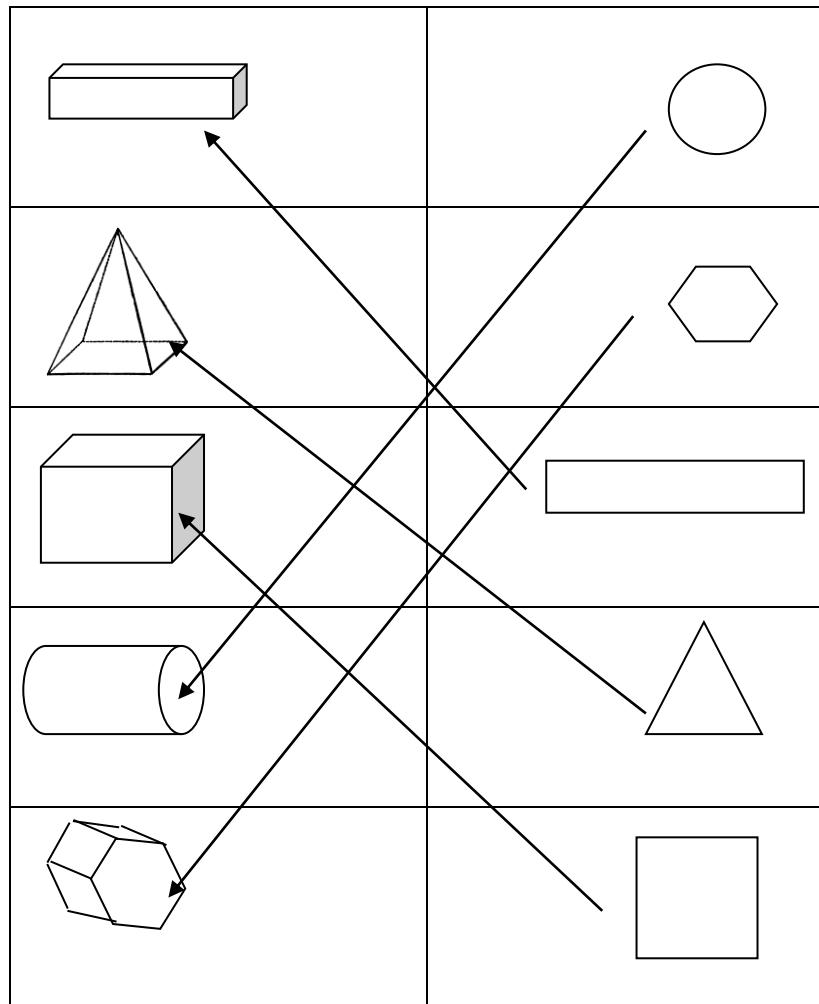
3.2(6)

Tshatisa iimilo ze2D nobuso be3D. Krwela imigca ukusuka kwi2D ukuya kwinto eyi3D.



(_)

Memo

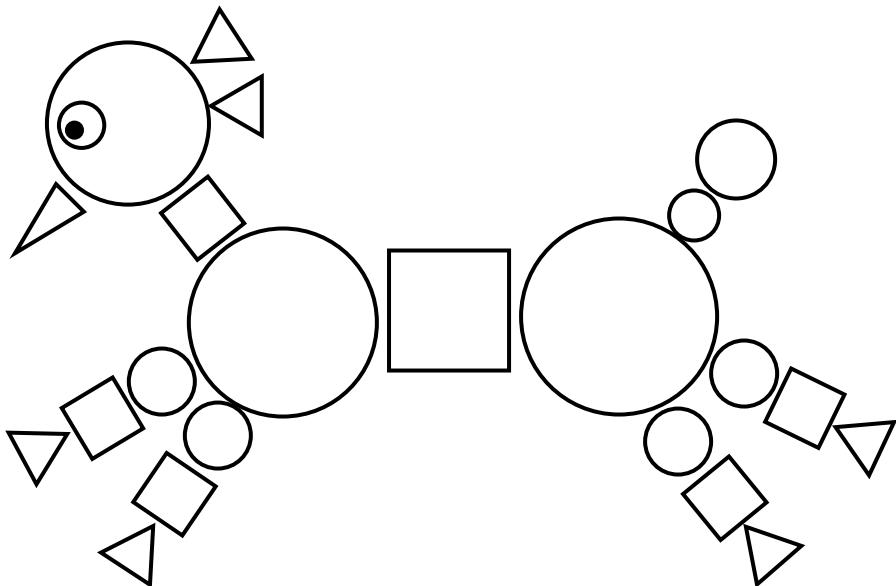


3.3 Isithuba nemilo (ijiyometri): imilo enokwakheka kuka 2-D

- 3.3(1) a. **Titshala:** Nika abafundi emetini iimilo ze2D.
Hlela iimilo zibe kwizikwere, onxantathu nezangqa. ()

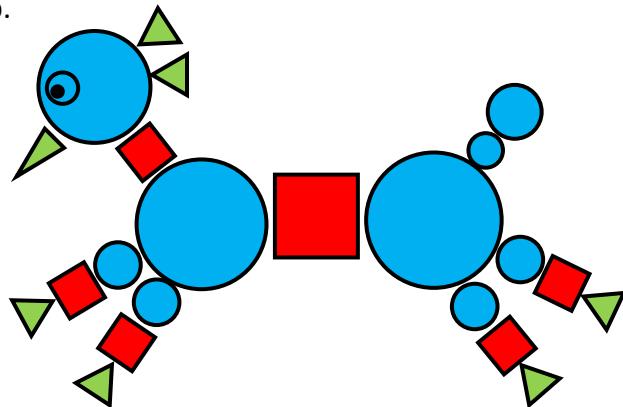
Memo a. Yamkela iimpendulo ngokwendlela ezahlulwe ngazo izinto ezo.

- b. Kulomfanekiso ungezantsi:
- Faka umbala ozuba kwizangqa.
 - Faka umbala oluhlaza konxantathu.
 - Faka umbala obomvu kwizikwere.



()

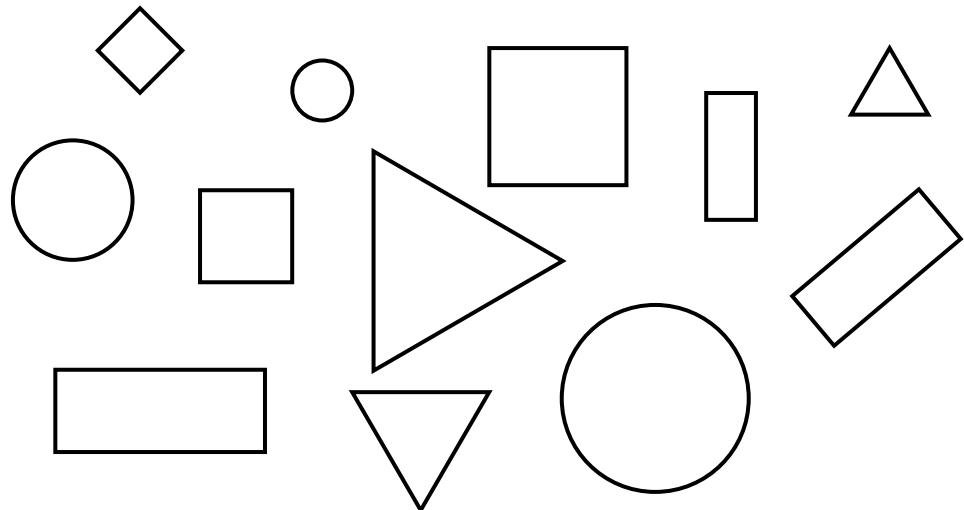
Memo b.



- 3.3(2) a. **Titshala:** Faka iimilo ebhegini. Abafundi mabaphathe bafune izinto, njl njl. Umz.
- Esona sikwere sincinci ebhegini.
 - Eyena nxantathu umkhulu ebhegini.
 - Isangqa esinobukhulu obuphakathi ebhegini. Njl, njl. ()

Memo a. Yamkela iimpendulo ngokwendlela ezahlulwe ngazo izinto ezo.

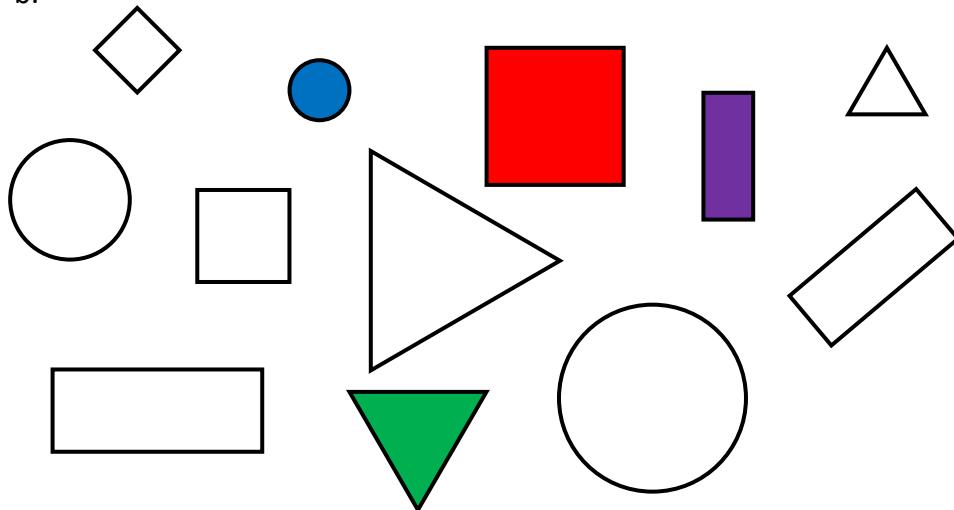
b. Jonga ezi milo zingezantsi:



- Faka umbala ozuba kwesona sangqa sincinci.
- Faka umbala obomvu kwesona sikhulu.
- Faka umbala oluhlaza kunxantathu ophakathi ngobukhulu.
- Faka umbala omfusa kolona xande luncinane.

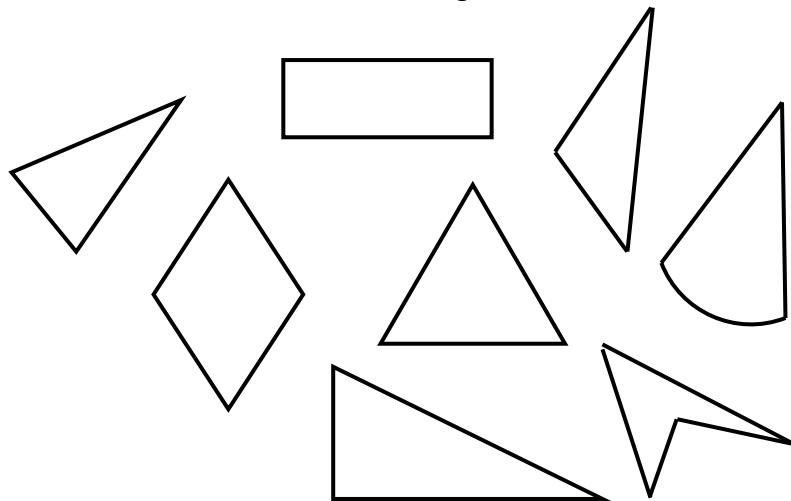
(_)

Memo b.



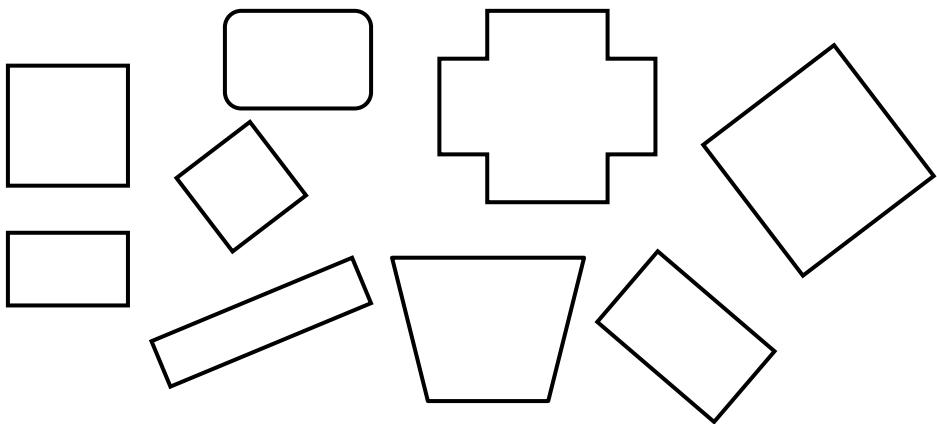
3.3(3)

a. Faka umbala oluahlaza kwimilo ezingelulo uxande.



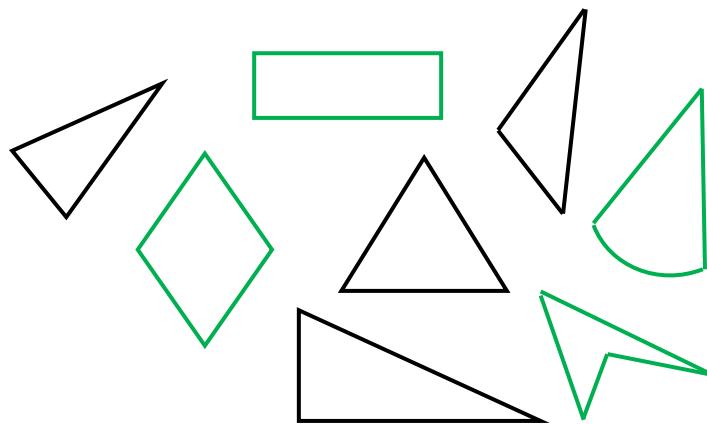
(_)

b. Zoba isangqa kuzo zonke iimilo eziluxande nezo zibumqamlezo kwizikwere.

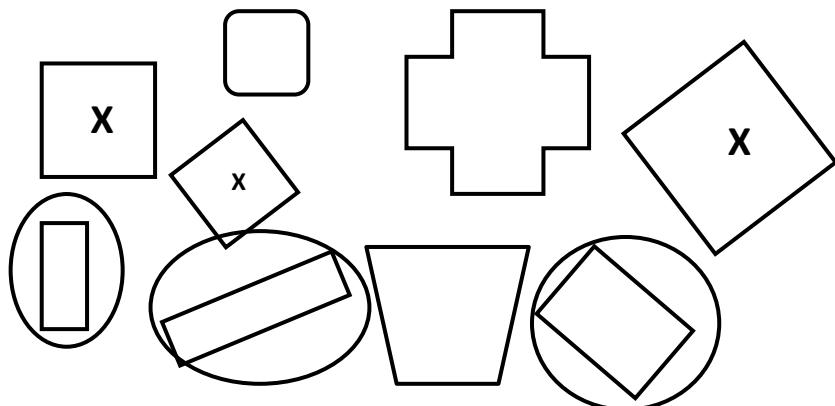


(_)

Memo a.



Memo b.



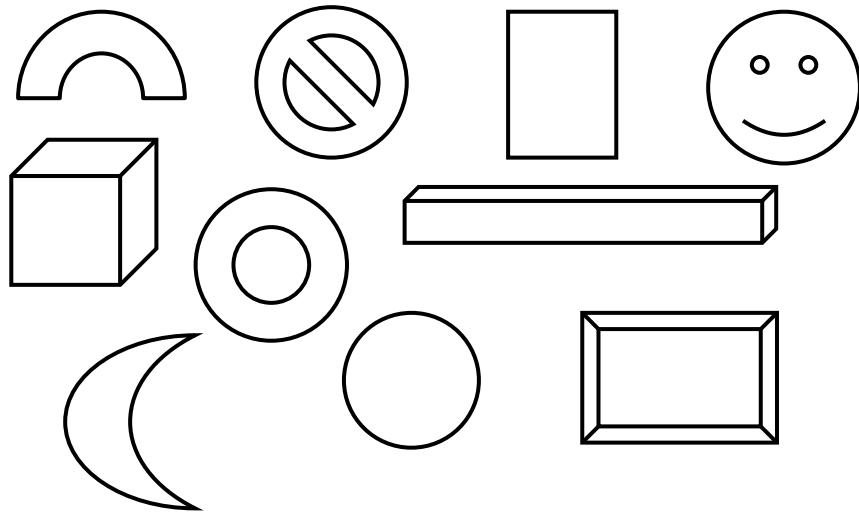
3.3(4) ***Titshala:*** Qokelela imitya, imatshisi, udongwe lokudlala, ijiyobhodi/nelastiki zokubopha unike abafundi bakhe iimilo.

Sebenzisa izinto utitshala akunike zona wakhe: isangqa, unxantathu, isikwere noxande.

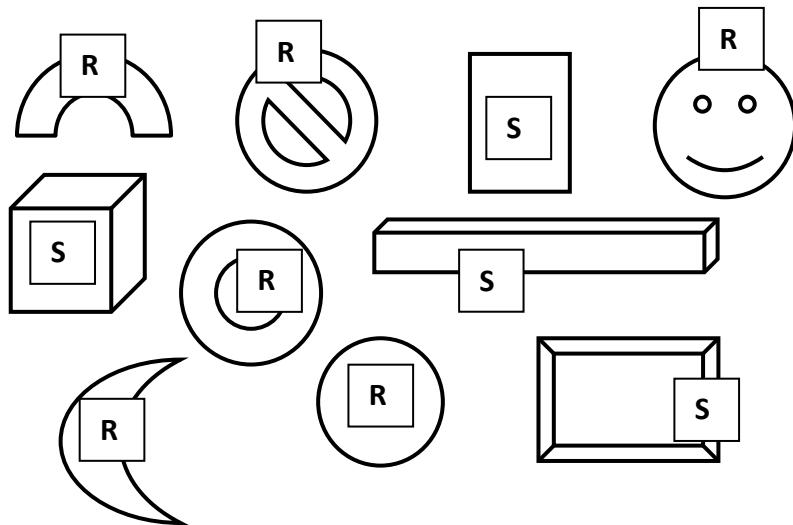
(

Memo Yamkela iimpendulo ngokwendlela ezahlulwe ngazo izinto ezo.

3.3(5) Jonga le mifanekiso ingezantsi.



- a. Beka u'R' kuzo zonke izinto ezinemiphetho engkuva. ()
- b. Beka u'S' kuzo zonke izinto ezinamacala athe tse. ()
- c. Bhala phantsi amagama ezinto ezi 2 eklasini yakho ezinemiphetho engkuva. ()
- d. Bhala phantsi amagama ezinto ezi 2 eklasini yakho ezinzmaczlz athe tse. ()

Memo

c no d: **Yamkela iimpendulo ngokwezinto ezo zikhoyo eklasini.**

- 3.3(6) a. Sebenzisa izikwere, onxantathu, oxande nezangqa ukuzoba igadi okanye indli okanye imoto. Bhala igama lemilo nganye kumzobo wakho. ()
- b. Bhala phantsi igama lemilo nganye ngezantsi. Bhala nenkcazelو emfutshane.

	Isangqa	Izangqa zinomphetho ongqukuva ongenazincam

()

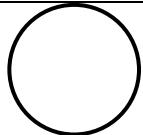
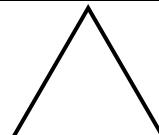
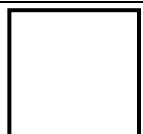
- c. Zoba imizekelo emi2 yemilo nganye. Imilo nganye mayohluke ngobungakanani nangendawo emi kuyo.

Izangqa	<input type="radio"/>	<input checked="" type="radio"/>
Izikwere		
Oonxantathu		
Ooxande		

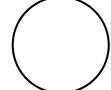
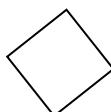
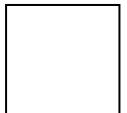
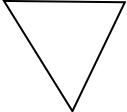
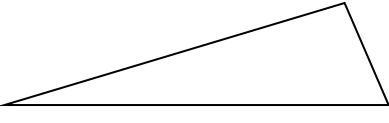
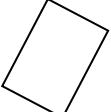
(_)

Memo a. Yamkela iimpendulo ngokwendlela ezihlelwe ngazo iimilo ezo.

b.

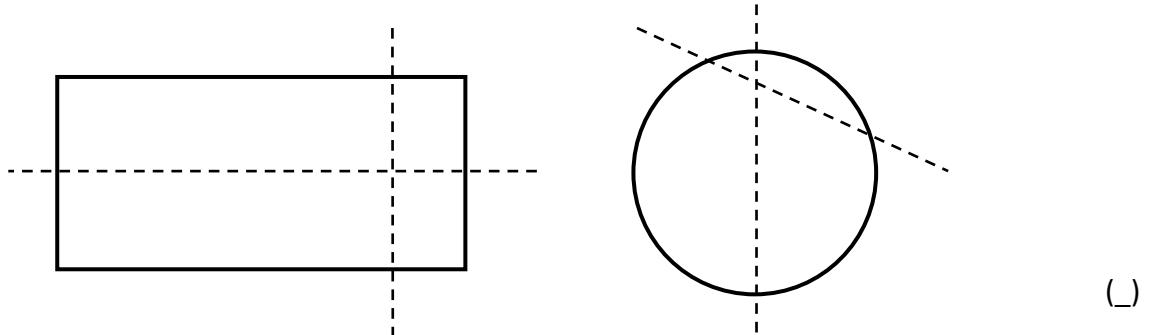
	Isangqa	Izangqa zinomphetho ongqukuva ongenazincam.
	Unxantathu	Onxantathu banamacala athe tse ama 3 nencam ezi 3.
	Isikwere	Izikwere zinamacala athe tse ama 4, onke ayalingana ngobude.
	Uxande	Oxande banamacala ama 4 athe tse anamacala ama 2 amade alinganayo namacala ama 2 amafutshane alinganayo.

c.

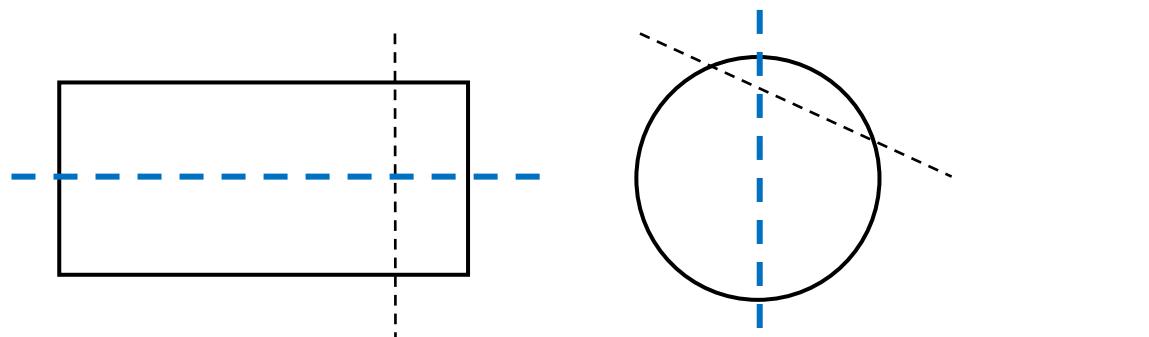
Izangqa		
Izikwere		
Onxantathu		
Oxande		

3.4 Isithuba nemilo (ijiyometri): ulinganomacala (isimetri)

3.4(1) Jonga ezimilo. Ngowuphi umgca obonisa umgca walingano-macala? Faka umbala ozuba.



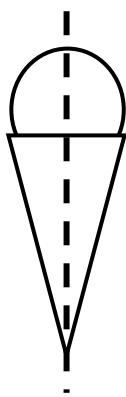
Memo



3.4(2) Zoba umgca walingano-macala.

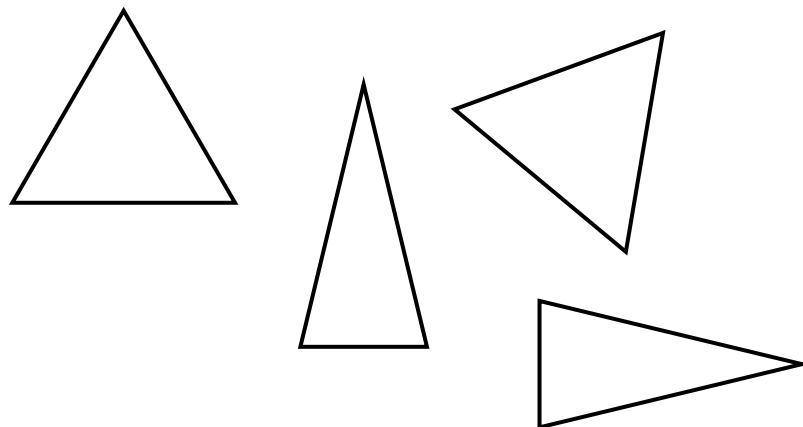


Memo



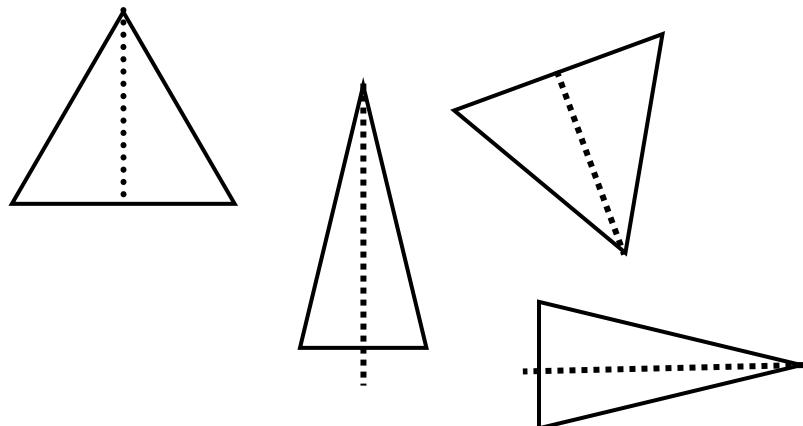
3.4(3)

Zoba umgca wolingano-macala kwaba nxantathu.



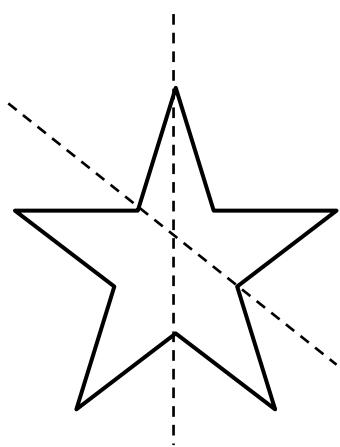
(_)

Memo



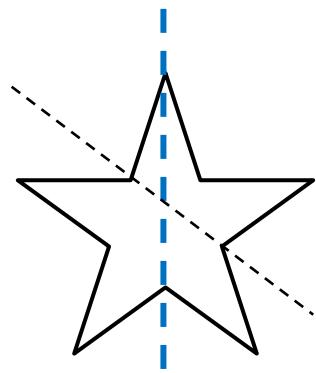
3.4(4)

Ngowuphi umgca wolingano-macala. Faka umbala ozuba.

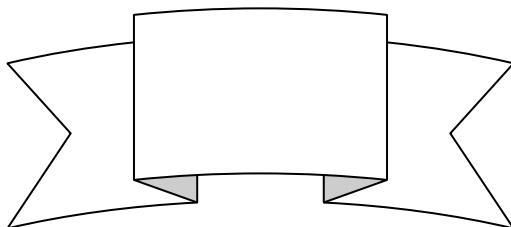


(_)

Memo

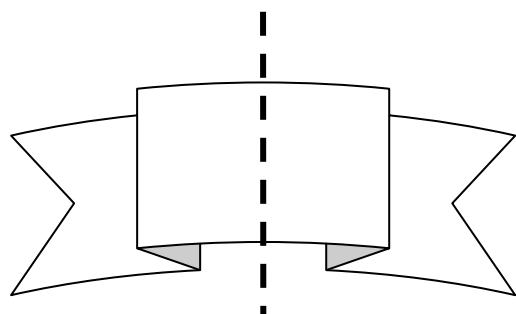


3.4(5) Zoba umgca wolingano-macala.

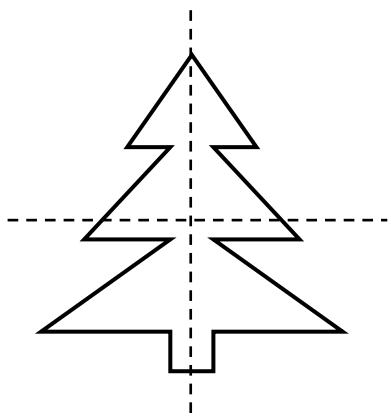
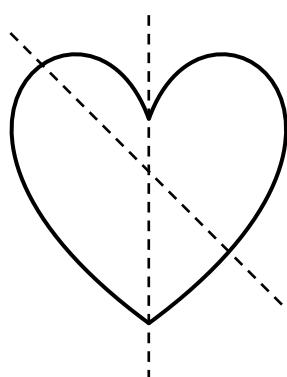


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Memo

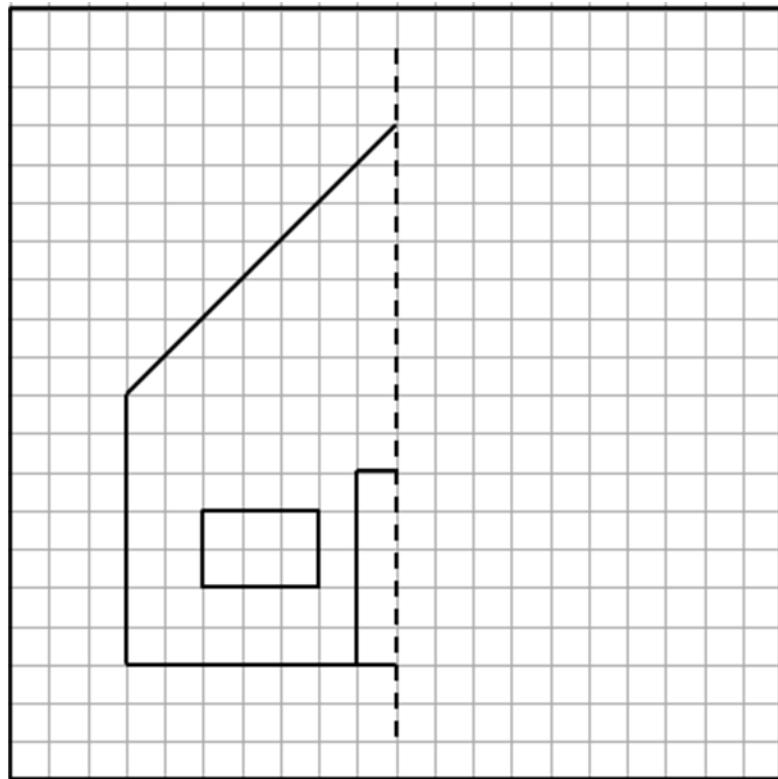


3.4(6) a. Ngowuphi umgca wolingano-macala? Faka umbala ozuba.

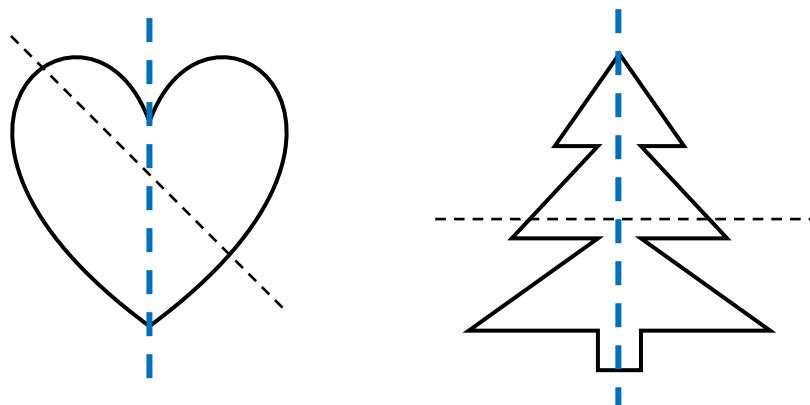


()

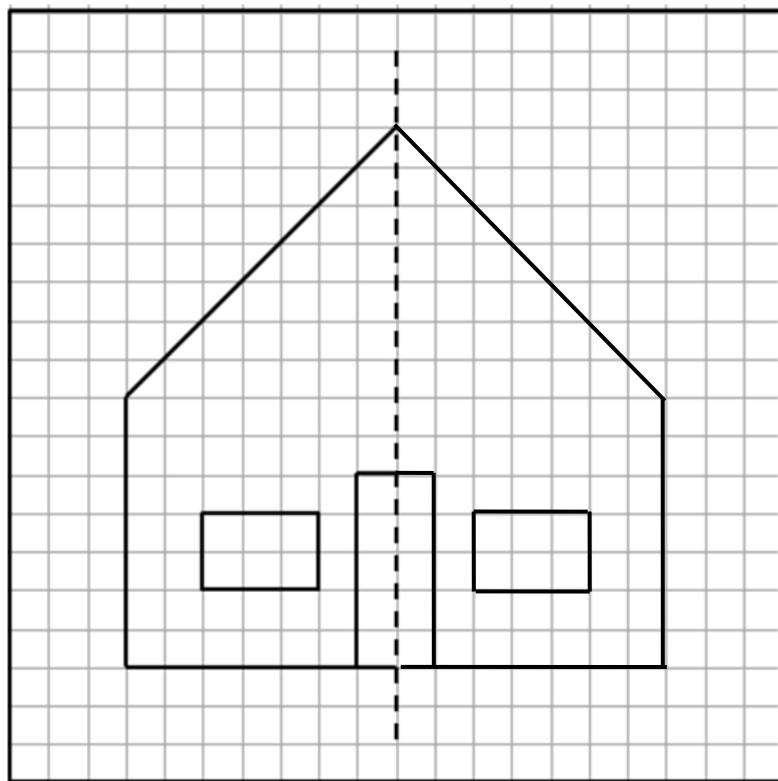
b. Zoba esinye isiqingatha salomfanekiso. Yenza amacala abonakale efana.



Memo a.



Memo b.



(_)

Umlinganiselo

4.1 Umlinganiselo: ixesha

- 4.1(1) a. Fakela 'emva kwexesha' okanye ku 'ngexesha'.
- Ukuba uvuka phambi kokuba ilanga liphume, uvuke _____
 - Ukuba uvuka emva kokuba abahlobo bakho sele besesikolweni, uvuka _____
 - Ukuba ufika esikolweni emveni kokuba ibethile intsimbi, u _____
 - Ukuba ufika esikolweni kudala phambi kokuba ibethe intsimbi _____
- ()
- b. Xela ukuba oku kwenzeka 'emva kwemini', 'kusasa' okanye 'ngokuhlwa'.
- Kuxesha liphi lemini xa ilanga liphuma?
 - Kuxesha liphi lemini xa isikolo siphuma?
 - Kuxesha liphi lemini xa usidla isidlo sakusasa?
 - Kuxesha liphi lemini xa usiya kulala?
- ()
- c. Xela ukuba yeypipi kwezi zilandelayo ethatha ixesha 'elifutshane' okanye 'elide'.
- Ukuhlamba umzimba okanye ukuhlamba amazinyo wakho.
 - Ukutya isidlo sakusasa okanye ukulala ebusuku.
 - Impela-veki okanye iveki yesikolo.
- ()

Memo

- a.
- Ukuba uvuka phambi kokuba ilanga liphume, uvuke **ngexesha**.
 - Ukuba uvuka emva kokuba abahlobo bakho sele besesikolweni, uvuke **emva kwexesha**.
 - Ukuba ufika esikolweni emveni kokuba ibethile intsimbi, ufike **emva kwexesha**.
 - Ukuba ufika esikolweni kudala phambi kokuba ibethe intsimbi, ufike **ngexesha**.
- b.
- Kuxesha liphi lemini xa ilanga liphuma? **kusasa**
 - Kuxesha liphi lemini xa isikolo siphuma? **emva kwemini**
 - Kuxesha liphi lemini xa usidla isidlo sakusasa? **kusasa**
 - Kuxesha liphi lemini xa usiya kulala? **Ngokuhlwa**
- c.
- Ukuhlamba umzimba (**lidle**) okanye ukuhlamba amazinyo wakho (**lifutshane**).
 - Ukutya isidlo (**lifutshane**) sakusasa okanye ukulala ebusuku (**lidle**).
 - Impela-veki (**lifutshane**) okanye iveki yesikolo (**lidle**).

4.1(2)	<p>a. Nazi iinyanga zonyaka. Zibhale ngokulandelelana kwazo. eyoKwindla, eyoMnga, eyoMqungu, eyeDwarha, eyeSilimela, uTshazimpunzi, eyeKhala, eyeNkanga, eyoMdumba, uCanzibe, eyeThupha, eyoMsintsi (.)</p> <p>b. Jonga le khalenda.</p> <ul style="list-style-type: none"> • Zingaphi iintsuku kweyeKhala? • Zingaphi iintsuku evezini enye? • Ukuba umhla wokuzalwa kaLorna ungenyanga yesine yonyaka. Yeyiphi lonyanga? • Umhla wokuzalwa kaSipho ukwiinya ezimbini emveni kosuku lokuzalwa lukaLorna. Yeyiphi ke loo nyanga yokuzalwa kwakhe? (.) <p>c. Beka iintsuku zeveki ngolandelelwano. Qala ngoMvulo. (.)</p> <p>d. Sebenzisa ikhalenda eseklasini. Abafundi bafaka isangqa kwimini zabo zokuzalwa. (.)</p> <p>e. <i>Titshala: Buza eminye imibuzo, umz. Zingaphi iintsuku phakathi komhla wokuzalwa kaJabu no Ben? Njl, njl.</i> (.)</p>
Memo	<p>a. Eyomqungu, eyoMdumba, eyoKwindla, uTshazimpunzi, uCanzibe, eyeSilimela, eyeKhala, eyeThupha, eyoMsintsi, eyeDwarha, eyeNkanga, eyoMnga.</p> <p>b.</p> <ul style="list-style-type: none"> • Iintsuku zenyanga yeKhala zingama 31. • Kukho iintsuku ezi 7 evezini enye. • Inyanga yesine yonyaka nguTshazimpunzi • Umhla kaSipho wokuzalwa yeYeSilimela. <p>c. Mvulo, Lwesibini, Lwesithathu, Lwesine, Lwesihlanu, UMgqibelo, Cawa</p> <p>d. Yamkela iimpendulo ngokwendlela yemibuzo katitshala.</p> <p>e. Yamkela iimpendulo ngokwendlela yemibuzo katitshala.</p>
4.1(3)	<p>a. Jonga ikhalenda.</p> <ul style="list-style-type: none"> • Umhla wokuzalwa kukaJohn unge 5 kweyeThupha. Umhla wokuzalwa kaMary ukwiveki ezimbini emveni koko. Lungowuphi umhla usuku lokuzalwa kukaMary. • Usuku lokuzalwa lukaJohn lunge 5 kweyeThupha. Usuku lukaSibongile lokuzalwa lungenyanga e1 neentsuku ezi emveni koko. Ingaba ngwuphi umhla wokuzalwa kaSibongile? • Umhla wokuzalwa kwam ungeye 15 kweyeSilimela eyomhlobo wam ingama 23 kweyeNkanga. Ngumhla wokuzalwa kukabani oqalayo? (.)

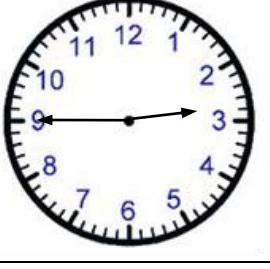
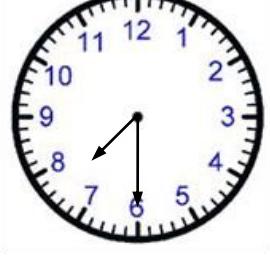
- b. ***Titshala***: Nik a bantwana ikhalenda yoMnga neyoMqungu.
 Jonga iikhala.
- Faka isangqa kwi Mini Yoxolelaniso kwikhalenda.
 - Faka isangqa kwi Mini yeNzondelelo kwikhalenda.
 - Zingaphi iiintsuku phakathi kwe Mini Yoxelelaniso neMini
 Yenzondelelo?
 - Faka isangqa kwi Mini Yonyaka Omtsha.
 - Zingaphi iiintsuku phakathi kwe Mini Yenzondelelo neMini Yonyaka
 Omtsha?
- (_)

- c. Kwikholomu esecaleni kwewotshi, bhala ukuba wenze ntoni na izolo
 ngelixesha.

Ixesha	Into endiyenzileyo izolo ngei xesha.
	7:00 am
	8:30 am
	1:00 pm
	4:30 pm
	6:45 pm
	9:00 pm

(_)

- d. Bhala ixesha ezantsi kwewotshi nganye. Bhala okanye uzobe ukuba wenza ntoni ngala maxesha.

Kusasa		Umzobo
Kusasa		
Emva kwemini		
Emva kwemini		(_)

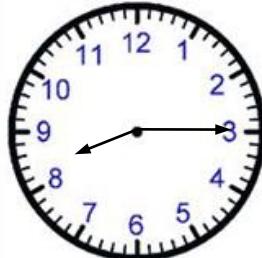
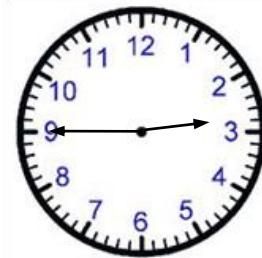
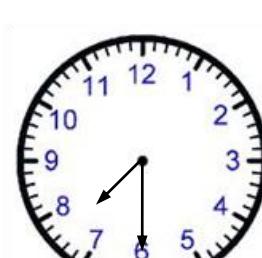
Memo

- a.
 - Umhla wokuzalwa kuka Mary ungeye 19 kweye Thupha.
 - Umhla wokuzalwa kuka Sibongile ungeye 9 kweyo Msintsi.
 - Eye 15 kweye Silimela ye yokuqala.

- b.
 - Zis 9 iintsuku phakathi kwe Mini Yoxolelaniso (16) kweyo Mnga ne Mini Yenzondelelo (26).
 - Zi 5 iintsuku phakathi kwe Mini Yenzondelelo ne Mini Yonyaka Omtsha.

- c. Yamkela nayiphina impendulo efanelekileyo yomfundi.

Memo d. Yamkela nayiphina impendulo efanelekileyo yomfundi.

Kusasa  <u>7:00 am</u>	Umzobo
Kusasa  <u>8:15 am</u>	
Emva kwemini  <u>2:45 pm</u>	
Emva kwemini  <u>7:30 pm</u>	

- 4.1(4) a. Ngokuhlwa kweCawa, uMary ubukela umabonakude kangange yure ezi2 ezinesiqingatha. Uqala ukubukela ngentsimbi yesi4. Ingaba uyeka nini? _____
- b. Inkubo kumabonakude iqala ngentsimbi yesi3 iphele ngecala emva kwentsimbi yesithathu. Inde kangakanani lenkubo? _____

- c. Jonga ikhalenda.
- Zingaphi iintsuku zizonke kweyeKhala?
 - Zingaphi iiveki ezizeleyo kweyeKhala?
 - Bangaphi oLwesihlanu kweyeKhala?
 - Ingaba eyeSilimela ineentsuku ezilinganayo nezeKhala?
 - Yeyiphi inyanga enezona ntsuku zimbalwa?
 - Umbane uye wemka nge 5 kweyeKhala wabuya kwakhona ngosuku lwesi 5. Ubuye ngowuphi umhla umbane? ()

Memo a. 6:30 pm

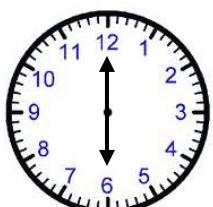
b. Isiqingatha seyure/imizuzu engama 30

- C.
- **Zingama 31 iintsuku zeyeKhala.**
 - **Zine iiveki ezizeleyo kweyeKhala.**
 - **Ba 4 oLwesihlanu kweyeKhala.**
 - **Hayi, iintsuku zeyeSilimela azilingani nezeyeKhala.**
 - **eyoMdumba inezona ntsuku zimbalwa.**
 - **Umbane ubuye wabuya kwakhona ngeye 10 kweyeKhala.**

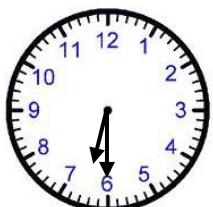
4.1(5)

- a. Jonga eziwotshi zilandelayo. Bhala ngamazwi ixesha eliboniswe ewotshini.

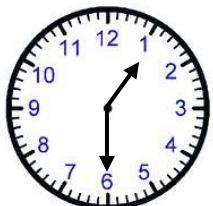
Kusasa



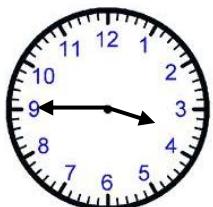
Kusasa



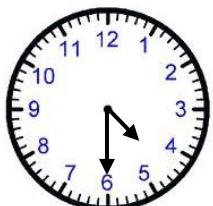
Emva kwemini



Emva kwemini



Emva kwemini



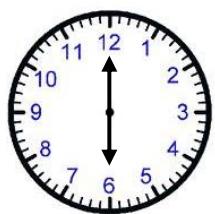
Emva kwemini



(_)

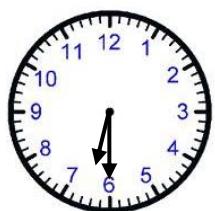
Memo

Kusasa



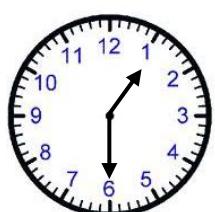
**Intsimbi yesithandathu
kusasa**

Kusasa



**Icalal emva kwentsimbi ye
sithandathu/imizuzu
engamashumi amathathu
emva kwentsimbi
yesithandathu kusasa**

Emva kwemini



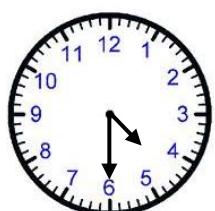
**Imizuzu emihlanu emva
kwentsimbi
yesithandathu emva
kwemini**

Emva kwemini



**Ikota yemizuzu phambi
kwentsimbi yesine/ishumi
elinesihlanu lemizuzu
phambi kwentsimbi
yesine emva kwemini**

Emva kwemini



**Icalal emva kwentsimbi
yesine/amashumi
amathathu emizuzu emva
kwentsimbi yesine emva
kwemini**

Emva kwemini



**Imizuzu engamashumi
amabini anesihlanu emva
kweyentsimbi yesibini
emva kwemini**

- b. Jonga ikhalenda.
- Zingaphi iiveki phakathi kwegoMsintsi neyeNkanga?
 - Zingaphi iiintsuku ezikhoyo phakathi kwegoMsintsi neyeNkanga? _____

Memo

- Iiveki zi4 phakathi kwegoMsintsi neyeNkanga
- Ama 31 eentsuku phakathi kwegoMsintsi neyeNkanga

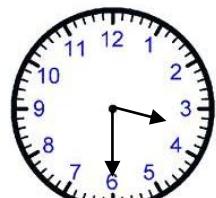
- 4.1(6) a. Fakela 'Ixesha Lokuqalisa'ne 'Xesha Lokuggiba' kweziwotshi ngezinto ozenzayo iiintsuku zonke. Khangela ukuba uchitha ixesha elingakanani kulo nto uyenzayo.

Izinto endizenzayo.	Ixesha lokuqalisa	Ixesha lokuggiba
Ixesha elithathileyo: _____		

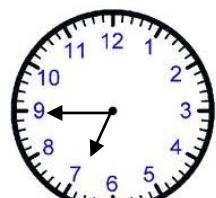
b. Zeziphi iiwotshi ezibonisa ixesha elifanayo? Krwela imigca ukubonisa oko.



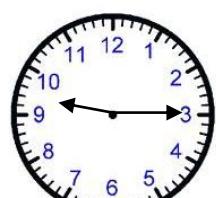
06:45



09:15



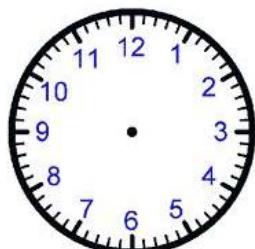
15:30



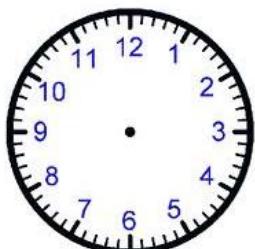
16:00

(_)

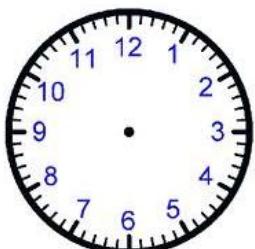
- c. Fakela amasiba kweziwotshi ngalamaxesha achaziweyo ngezantsi. Intsimbi yesithathu, icala emva kwentsimbi yesithandathu, ikota yemizuzu emva kwentsimbi yesibhozo, ikota yemizuzu phambi kwentsimbi yesixhenxe, icala emva kwentsimbi yesine.



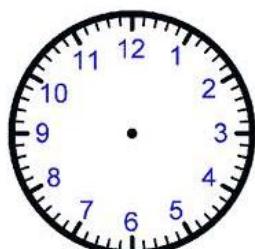
Intsimbi yesithathu



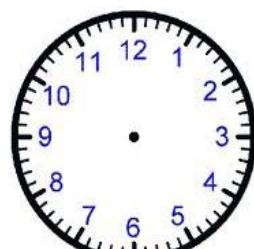
Icalal emva
kwentsimbi
yesithandathu



Ikota yemizuzu emva
kwentsimbi yeshumi



Ikota yemizuzu phambi
kwentsimbi yeshumi elinanye

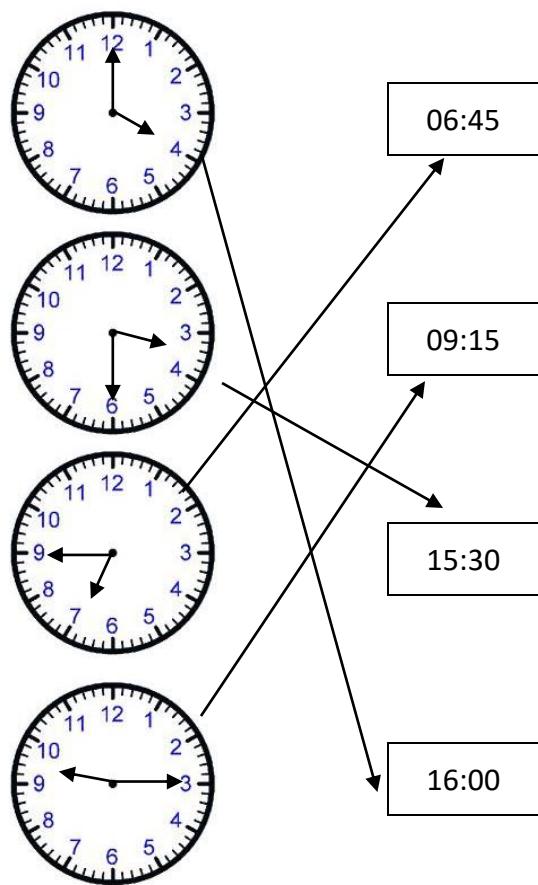


Icalal emva kwentsimbi yesine

(_)

Memo a. Yamkela nayiphina impendulo efanelekileyo yomfundi.

b.



c.

Intsimbi yesithathu



Icala emva kwentsimbi yesithandathu



Ikota yemizuzu emva kwentsimbi yeshumi



Ikota yemizuzu phambi kwentsimbi yeshumi elinanye



Icala emva kwentsimbi yesine



4.2 Umlinganiselo: ubude

- 4.2(1) a. *Titshala:* Thatha abafundi ababini beme bayamane ngemiqolo. Buza imibuzo kwabo bahleli emetini umz. Ngubani omde? Ngubani omfutshane? ()

- b. *Titshala:* Bonisa abafundi imifanekiso yezinto, izilwanyana okanye izinambuzane. Buza imibuzo. Yeyiphi ephakamileyo? Yeyiphi emfutshane? Yeyiphi ende? Yeyiphi ebanzi? Njl, njl. ()

Memo a no b: Yamkela iimpendulo ngokwemibuzo katitshala.

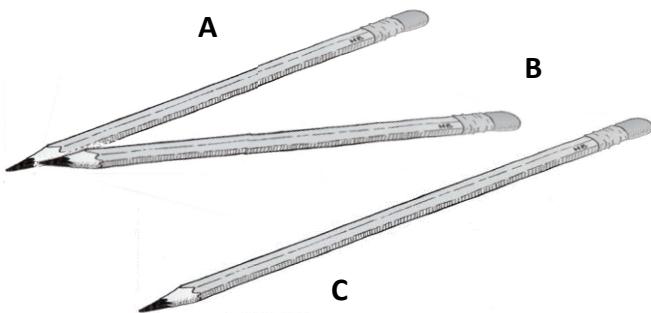
- 4.2(2) a. *Titshala:* Nika iqela elisemetini izijungqe zemorya, ziske ngobude obahlukileyo. Sebenzisa ububanzi besandla sakho ukumentesha ukuba side kangakanani na isijungqe ngasinye. ()

- b. *Titshala:* Khetha iindlela ezi 2 ebaleni lokudlala umz. UKusuka eklasini ukuya kwindlu yangasese nokusuka eklasini ukuya emthini. Umgama uyakuba nzima ukuwuqonda ngaphandle kokumentesha. Beka abafundi ngokwamaqela. Kufuneka wenze icebo lokumentesha umgama ukusuka eklasini ukuya kwindlu yangasese nokubuya eklasini ukuya emthini. Xela ukuba yeyiphina eyona ndlela inde. ()

- c. *Titshala:* Sebenza neqela emetine umenteshe izinto. Kufuneka umenteshe, usebenzise iminwe yakho okanye isandla undixelete ukuba yeyiphi eyona inde okanye ()

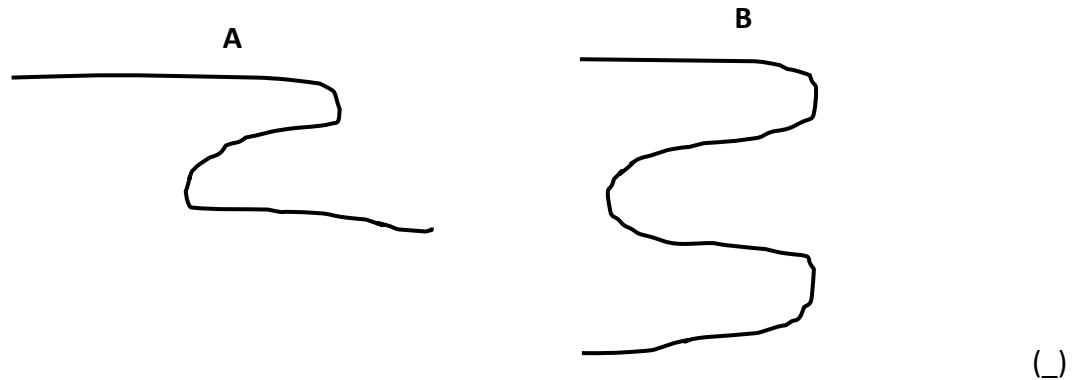
Memo a, b no c: Yamkela iimpendulo ngokwezinto ezikhethwe ngutitshala.

- 4.2(3) a. Sukusebenzisa irula ukumentesha apha. Yeyiphi eyona pensile inde? Bhala phantsi ukuba wenze njani na.



()

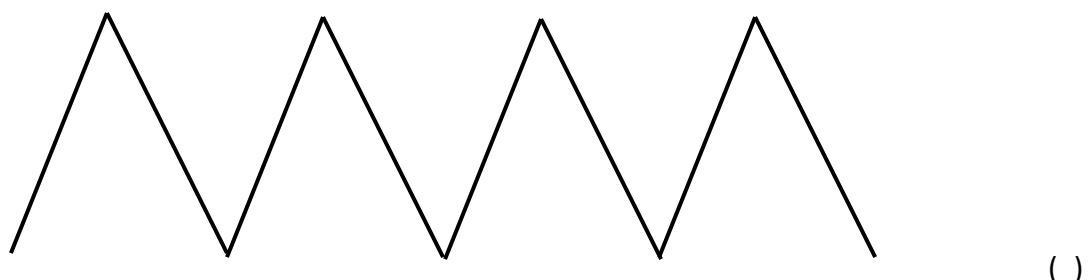
- b. Yenza icebo lokuqonda ukuba yeyiphi eyona ntambo inde.
Ungayisebenzisi irula.



Memo a. Ipensile C yeyona inde. (Abafundi bangase benzisa intambo.)

b. B yeyona ntambo inde. (Abafundi bangayisebenzisa intambo.)

- 4.2(4) a. ***Titshala:*** Nika umfundi ngamnye isijungqe sentambo ezingange 30 cm ubude.
Sebenzisa intambo ukumentesha ubude balentambo.



- b. Sebenzisa intonga yomlinganiselo wobude okanye itheyipu yokumentesha uze ugqibezele ithabhula engezantsi.

b.

Mentesha	Qikelela	Umentesho olululo ngeemitha	Landelanisa uqale kwemfutshan e uye kweyona inde
Ububanzi beklasi			
Ubude beklasi			
Ukuphakama kwefestile			
Ukuphakama kocango			
Ububanzi bocango			
Ubude bebhodi			
Njl, njl.			

(_)

- Memo**
- a. Intambo imalunga ne 28 cm ubude.
 - b. Yamkela impendulo ngokwezinto ezikhethwe eklasini.

- 4.2(5) a. Sebenzisa intonga yomlinganiselo wobude okanye itheyipu yokumentesha uze ugqibezele ithabhula engezantsi.

Umgama	Qikelela	Umentesho olululo ngeemitha	Landelanisa qala ngeyona ikufuphi uye kweyona ikude
Umgama ukuya kwibala lokudlala			
Ububanzi bebala lebhola yomnyazi			
Ubude bebala lebhola yomnyazi			
Umgama ukuya e- ofisini yenqununu			
Umgama ukuya kwithala leencwadi			
Umgama ukuya esangweni			
Njl, njl.			

(_)

- b. Qikelela ubude bomnqathe. Krwela umgca ngaphantsi kwento oyikhethileyo.

limutha ezi 2 igremu ezi 12 iisentimitha ezi 12 iimililitha ezi 20

(_)

Memo a. Yamkela **iimpendulo ngokwemigama ekhethwe esikolweni esikolweni sakho.**

b.

limutha ezi 2 igremu ezi 12 iisentimitha ezi 12 iimililitha ezi 20

- 4.2(6) a. Sebenzisa irula uze ugqibezele ithabhula engezantsi.

Into elinganiswayo	Qikelela	Owona mlinganiso uchanekileyo nge cm	Ucwangciso ukuqala kweyona imfutshane ukuya kweyona inde
Ububanzi bencwadi			
Ubude bencwadi			
Ububanzi bedesika			
Ubude bepensile			
Ubude betshoko			
Ububanzi besitulo			
Njl, njl.			

(_)

Memo a. Yamkela **iimpendulo ngokwezinto ezikhethwe ngutitshala eklasini yakhe.**

- b. Ungazimentesha ezizinto zilandelayo ngeemitha neesentimitha?

- Umatshini wokulola ipensile
- Ubude bebhedi
- Imvulophu
- Imagazini
- Ubude bemoto
- Umqulu welaphu wokuthunga ilokhwe njl, njl.

(_)

Memo b.

- Umatshini wokulola ipensile: **ngeesentimitha**
- Ubude bebhedi: **ngeemitha**
- Imvulophu: **ngeesentimitha**
- Imagazini: **ngeesentimitha**
- Ubude bemoto: **ngeemitha**
- Umqulu welaphu wokuthunga ilokhwe njl, njl. **ngeemitha**

4.3 Umlinganiselo: umthamo

- 4.3(1) a. **Titshala:** Sebenzisa ihenga yocingo ukuxhoma izinto nokuba kweliphi na icala lehenga. Buza imibuzo efana nale mizekelo ibuziweyo ngezants.
- Yeyiphi enzima ibhola okanye ibhloko?
 - Yeyiphi enzima ipensile okanye irabha?
 - Yeyiphi ekhaphukhaphu ibhotile okanye into ibhotile yeplastiki? ()

- b. **Titshala:** yiza nezinto eziliqela eklasini umz. Ipakethi yeswekile, ipakethi yomgubo, itoti yejem, imajarine nj, njl. Abafundi bahlala ngamaqela emetine. Phakamisa izinto uxele ukuba yeyiphi eyona inzima ibe yeyiphi elula. ()

Memo a no b: **yamkela iimpendulo ngokwezinto ezikhethwe ngutitshala.**

- 4.3(2) **Titshala:** Sebenzisa ihenga yocingo unamatelise iikomityi zeplastiki kumacala omabini ehenga. Qokelela iqela lamapeka. Faka amapeka ama3 -5 kwikomityi. Kwenye ikomityi faka izinto ezahlukileyo – ibenyne ngexesha umz. icephe lomgubo, icephe leswekile.

Into efunekayo	Yeyiphi enzima amapeka okanye into oyinikiweyo?
Icephe elizeleyo lomgubo	
Icephe elizeleyo leswekile	
Icephe elizeleyo leembotyi	
Isijungqe setshoko	
Ipensile	
Irabha	
Njl, njl.	

()

Memo Yamkela iimpendulo ngokwezinto ezikhethwe ngutitshala.

- 4.3(3) Jonga lemifanekiso yezizinto zingezantsi. Bhala amanani ezantsi kwento nganye ukuze ucwangcise izinto ugale ngeyona ilula (1) ukuya kweyona inzima (5).



(_)

Memo Elula ukuya kwenzima

1. itshokolethi
2. Five Roses
3. iimbotyi
4. ibhokisi yelantshi
5. iswekile



2

3

1

5

4

- 4.3(4) Susa ubunzima obubonisiwego ezipakethini. Qokelela iipakethi zezinto zegrosari ezingaphaya kwe 1kg.
Sebenzisa isikali sasekhitshini ukufumana ubunzima bezi zinto zilandelayo.

Izinto ezisetyenzisiwego	Qikelela	Owona mlinganiso uchanekileyo ngekhilogram u	Ucwangciso ukuqala kwe khaphukhaph u ukuya kwenzima
Ipakethi yeswekile			
Ipakethi yeembotyi			
Ipakethi yokutya kwekati			
Ipakethi yokutya kwenja			
Ipakethi yama-apile			
Ipakethi yeetapile			
Njl, njl.			

(_)

Memo Yamkela iimpendulo ngokwezinto ezikhethwe ngutitshala.

- 4.3(5) a. *Titshala:* Qokelela ibhokisi zepapa ezingenanto, iibhokisi zesepha neebhokisi zebhiskiti njl, njl.
Jonga ebhokisini ufunde ubunzima xa ibhokisi igcwele. Cwangcisa iibhokisi ukuqala kweyona ikhaphukhaphu uye kweyona inzima.

Ibhokisi	Ubunzima

(_)

- b. *Titshala*: Yiza nezinto zegrosari eklasini ezinobunzima obungaphantsi kwe 1kg.

Sebenzisa isikali sekhitsi uqikelele uze umenteshe ubunzima bezi zinto zilandelayo uzicwangcise ugale kwayona inzima uye kwayona ikhaphukhaphu.

Izinto ezisetyenzisiweyo	Qikelela	Owona mlinganiso uchanekileyo ngekhilogrem	Ucwangciso ukuqala kwe khaphukhaphu ukuya kwenzima
i-apile			
Ipakethi yeelekese			
Ipakethi yeebhiskithi			
litapile			
Iminqathe			
Ikhaphetshu			
Njl, njl.			

(_)

- c. Qikelela ubunzima be-apile. Krwela umgca ngaphantsi kwento oyikhethileyo.

150 yegrem 150 yekhilogrem 15 yekhilogrem 15 yemitha

(_)

Memo a. Yamkela iimpendulo ngokwezinto ezikhethwe ngutitshala.

b. Yamkela iimpendulo ngokwezinto ezikhethwe ngutitshala.

c. 150 yegrem 150 yegrem 15 yekhilogrem 15 yeemitha

- 4.3(6) a. *Titshala*: Qokelela uludwe lwezinto zokumentesha iigremu nekhilogrem njengokuba kubonisiwe ngezantsi.

Ungakwazi ukumentesha ubunzima bazo ngeekhilogrem okanye ngeegrem?

- Ibhegi yeetapile
- Iminqathe emibini
- I-apile elinye
- Ijagi yejemu
- Itoti yeembotyi
- Itoti yekofu
- Ipakethi yeti

(_)

- b. ***Titshala:*** Zalisa iipakethi zeplastiki ngesanti engange 250g, 500g yesanti ne1kg yesanti. Qokelela iqela lezinto ezikule milinganiselo. Abafundi babambe into nganye kwisandla sasekhohlo bayixhase ngenye yeepakethi zeplastiki zesanti ukuze bafumane ubunzima bezinto.

Into esetyenziswayo	Ubunzima (250g, 500g, 1kg)
Ipakethi yeswekile	
litapile ezine	
Njl, njl.	

(_)

- Memo**
- a. Yamkela iimpendulo ngokwezinto ezikhethwe ngutitshala.
 - b. Yamkela iimpendulo ngokwezinto ezikhethwe ngutitshala.

4.4 Umlinganiselo: umthamo/ ivolumu

4.4(1) *Titshala:* Qokelela iibhotile ezahlukileyo ugalele amanzi ngemithamo yamanzi eyahlukileyo. Abafundi basebenza ngamaqela emetine okanye phandle.

- Yeyiphi ibhotile ezele kangangesiqingatha?
- Yeyiphi ibhotile engenanto?
- Yeyiphi ibhotile ezeleyo?
- Yeyiphi ibhotile ephantse yazala?
- Yeyiphi ibhotile ezele ngaphantsi kwesiqingatha?
- Yeyiphi ibhotile ezele ngaphezu kwesiqingatha?
- Yeyiphi ibhotile enamanzi amancinci?
- Yeyiphi ibhotile enawona manzi maninzi?
- Yeyiphi ibhotile enawona manzi mancinci?

(_)

Memo Yamkela iimpendulo ngokomthamo wamanzi agalelwwe kwizinto ezahlukileyo.

4.4(2) *Titshala:* Qokelela iibhotile neekomityi zeplastiki.

Mentesha ukuba zingaphi iikomityi zamanzi okanye Isanti enokuzalisa iibhotile.

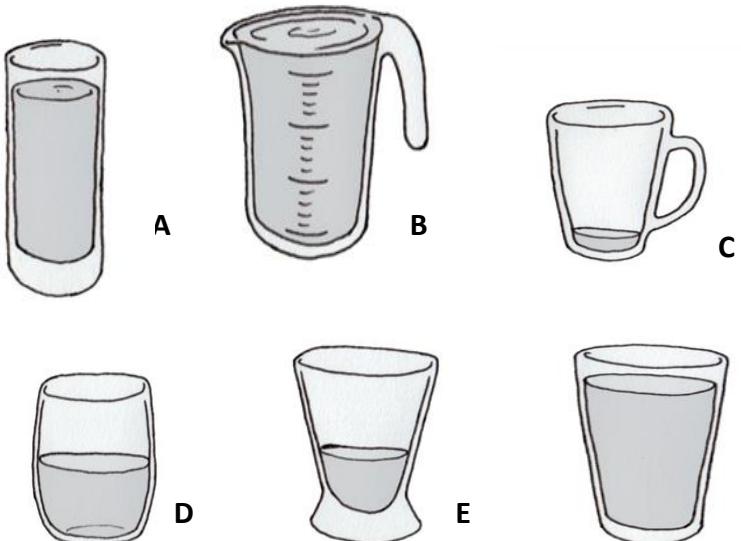
libhotile zeplastiki	Inani leekomityi ezizalisa ibhotile
500 mℓ yeebhotile zesiselo esibandayo	
1 ℥ yesiselo esibandayo	
2 ℥ yesiselo ezibandayo	
1 ℥ yebhotile yobisi	
1,5 ℥ yebhotile yobisi	
Njl, njl.	

(_)

Memo Yamkela iimpendulo ngokwezinto ezikhethwe ngutitshala.

4.4(2)

- a. Jonga kwezi zinto zilandelayo. Sebenzisa uludwe lwamagama ukuchaza umthamo wamanzi kwinto nganye. Look at these containers.
 ngaphantsi kwesiqingatha ; sisiqingatha ; iphantse yazala ; izele ;
 amanzi amancinci



Ikhonteyin a	Umthamo	Into yokukha	Umthamo
A		D	
B		E	
C		F	

()

- b. Yeyiphi into kwezi zingentla enawona manzi maninzi? ()

- c. Yeyiphi enawona manzi mancinci? ()

- d. Yeyiphi eyona nto yamanzi inkulu? ()

Memo

Ikhonteyina	Umthamo	Into yokukha	Umthamo
A	Iphantse yazala	D	Sisiqingatha
B	Izele	E	Ngaphantsi kwesiqingatha
C	Inamanzi amancinci	F	Iphantse yazala

b. U - B unawona manzi maninzi.

c. U - C unamanzi amancinci.

d. U - B yeyona nto yamanzi inkulu.

- 4.4(3) ***Titshala:** Yiza nento ezele ngamanzi okanye lsanti + namacephe amakhulu.]Qokelela izinto ezifana nezi zikhankanyiweyo ngezantsi. Qikelela uze umenteshe umthamo wezinto zokukha ezingenanto. Cwangcisa izinto ukuqala kwencinci ukuya kwenkulu ngokomthamo.*

Ikhonteyina	Qikelela	Umthamo ngokwenani lamacephe	Cwangcisa ukuqala kwencinci ukuya kwenkulu ngokomthamo
Into yemajarini			
Ibhokisi yematshisi			
Itoti yetyhuna			
Itoti yejem			
Isitya seyogati encinci			
Ibhotile encinci yeyeza			
Njl, njl			

(_)

Memo Yamkela iimpendulo ngokwezinto eziqokelelwwe ngutitshala.

- 4.4(4) ***Titshala:** Qokelela izinto ezininzi ezinkulu ezingenanto njengokuba kucetyisiwwwe ngezantsi. Funda ukuba izinto ezingenanto beziya kuba nomthamo ongakanani ukuba bezizele. Zinombole 1 – 6 ukuqala kweyona inkulu kuye kweyona incinci ngomthamo.*

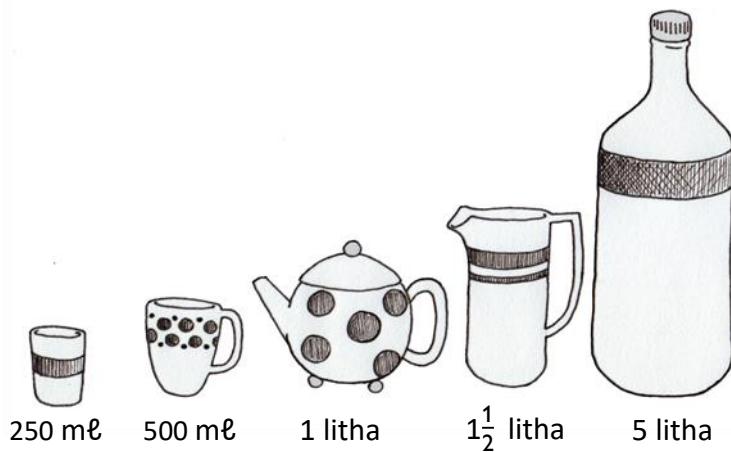
Ikhonteyina	Umthamo ngeelitha	Cwangcisa ukuqala kweyona inkulu kuye kweyona incinci ngokomthamo
Ibhotile yobisi		
Itoti yepeyinti		
Itoti yeparafin		
Isiselo esibandayo		
Itoti ye-oyile		
Njl, njl		

(_)

Memo Yamkela iimpendulo ngokwekhonteyina eziqokelelwwe ngutitshala.

4.4(5)	<p>a. <i>Titshala: Abafundi kumele ukuba bayenzile lento beyibona phambi kokuba bayinikwe ngalendlela.</i></p> <p>Ikomityi enye yesiselo esibandayo = 250 mL</p> <ul style="list-style-type: none"> • Zingaphi iikomityi oyakuzizalisa ukuba unelitha e-1 yesiselo esibandayo? • Zingaphi iikomityi oyakuzizalisa ukuba unelitha ezi2 zesiselo esibandayo? () <p>b. Igilasi enye yesiselo esibandayo = 500 mL</p> <ul style="list-style-type: none"> • Zingaphi iigilasi oyakuzizalisa ukuba unelitha e-1 yesiselo esibandayo? • Zingaphi iigilasi oyakuzizalisa ukuba unelitha ezi3 zesiselo esibandayo? () <p>c. Qikelela umthamo wekomityi yeplastiki. Krwela umgca ngaphantsi kwento oyikhethileyo.</p> <p style="text-align: center;">1 ℥ 250 g <u>250 mL</u> 500 mL ()</p>
Memo	<p>a.</p> <ul style="list-style-type: none"> • likomityi ezi 4 • likomityi ezi 8 <p>b.</p> <ul style="list-style-type: none"> • ligilasi 2 • ligilasi ezi 6 <p>c.</p> <p style="text-align: center;">1 ℥ 250 g <u>250 mL</u> 500 mL</p>

4.4(6)



Jonga ezikhonteyina zingentla. Ukuba ubune nencindi yesiselo kwiilitha ezi10, zikhonteyina ezingaphi obuya kuzisebenzisa kwimeko?

Ikhonteyina	Inani lezinto zokukha ebezinokuzaliswa nge 10 lelitha yencindi yesiselo
250 ml	
500 ml	
1 ℥	
1,5 ℥	
5 ℥	
Njl, njl.	

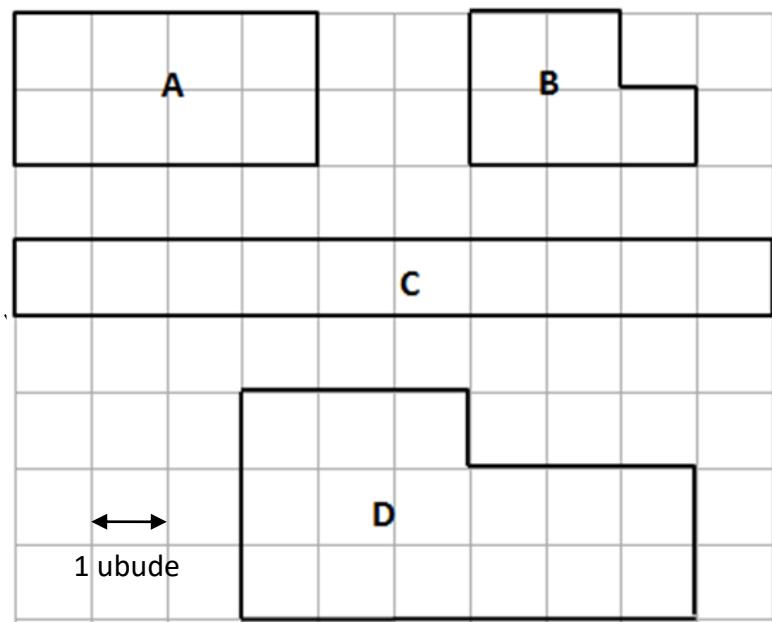
(_)

Memo

Ikhonteyina	Inani lezinto zokukha ebezinokuzaliswa nge 10 lelitha yencindi yesiselo
250 ml	likomityi ezi 40
500 ml	likomityi ezi 20
1 ℥	limbiza ezi 10
1,5 ℥	lijoko ezi 6
5 ℥	libhotile ezi 2
Njl, njl.	

4.5 Umlinganiselo: umjikelezo nommandla

4.5(1-3) Jonga lemifanekiso ingezantsi.



- Imilo nganye sisithuba sakho sokulima imifuno. Kufuneka ufake ucingo lokuyirangqa yonke imilo. Bungakanani ubude bocingo oyakulithenga ukurangqa imilo nganye?

a. Bungakanani ubude bocingo oyakulithenga ukurangqa imilo nganye?

- Ucingo A ubude
- Ucingo B ubude
- Ucingo C..... ubude
- Ucingo D ubude

(_)

b. Ukuba i-eriya inokubalwa ngeebhloko ezikwimilo.

- Ingakanani i-eriya ku A ekunokukhuliswa kuyo imifuno? yeebhloko
- Ingakanani i-eriya ku B ekunokukhuliswa kuyo imifuno? yeebhloko
- Ingakanani i-eriya ku C ekunokukhuliswa kuyo imifuno? yeebhloko
- Ingakanani i-eriya ku D ekunokukhuliswa kuyo imifuno? yeebhloko

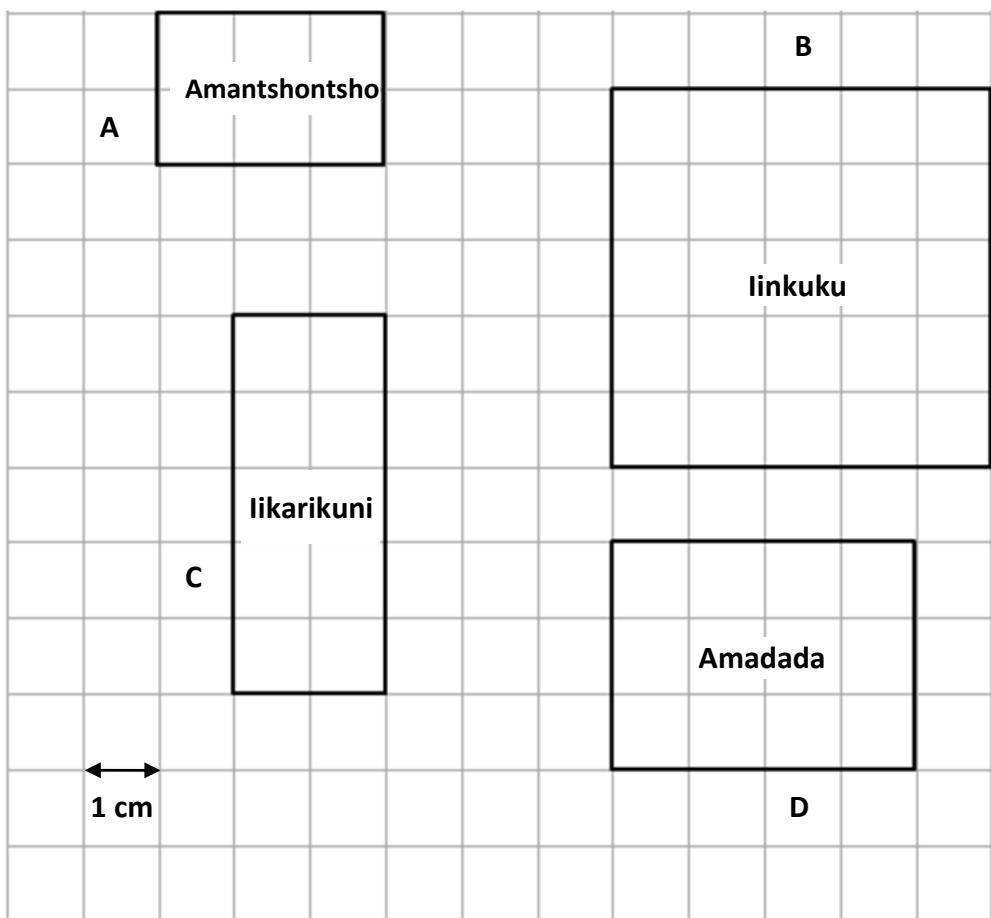
(_)

Memo

- a.
 - Ucingo A: li12 ubude
 - Ucingo B: li10 ubude
 - Ucingo C: ngama 22 ubude
 - Ucingo D: li18 ubude

- b.
 - I-eriya A: **iibhloko zi 8**
 - I-eriya B: **iibhloko zi 5**
 - I-eriya C: **iibhloko zi 10**
 - I-eriya D: **iibhloko zi 15**

4.5(1-3) UMnu Mkize wakhe izindlu zeenkuku zakhe. Jonga kulo mzobo obonisa ezizindlu.



Phendula lemibuzo ilandelayo.

- a. Ingakanani iperimitha yendlu nganye?
- b. Zeziphi iindlwana ezi 2 ezine perimitha ezilinganayo?
- c. Yeyiphi indlu yentaka eneyona perimitha incinci?

- d. Ingangena kangaphi indlu yentshontsho kwindlu yedada? ()
- e. Yeyiphi indlu yentaka eneyona eriya incinci? ()
- f. Yeyiphi indlu yentaka eneyona eriya inkulu? ()

Memo a. **Eyamantshontsho: 10 cm**

Eyekarikuni: 14 cm

Eyenku: 20 cm

Eyamadada: 14 cm

- b. Zeziphi izindlu ezi 2 ezine perimitha ezilinganayo? **EyeKarikuni namaDada**
- c. Yeyiphi indlu yentaka eneyona perimitha incinci? **Yeyamantshontsho**
- d. Ingangena kangaphi indlu yentshontsho kwindlu yedada? **Kabini**
- e. Yeyiphi indlu yentaka eneyona eriya incinci? **Yeyamantshontsho**
- f. Yeyiphi indlu yentaka eneyona eriya inkulu? **Yeyenku**

Indlela yokusebenza ngolwazi oluqokelelweyo

5. Indlela yokusebenza ngolwazi oluqokelelweyo: ibanga 1

Imigangatho yokuqhubela phambili ilandela amanyathelo afanayo anxulunyaniswe kuLwazi Oluqokelelweyo Olujikelezayo ingachazwa ngoluhlobo lulandelayo:

Inqanaba 1 – Qokelela uhlele **izinto** zemihla ngemihla uzibeke kumaqela alula.

Inqanaba 2 - Chaza ukuba ihlelwe njani na ingqokelela **yezinto**.

Inqanaba 3 - Xoxa ngentswelo yokubonisa **izinto** ezhleliwego ngendlela yemizobo/nemifanekiso.

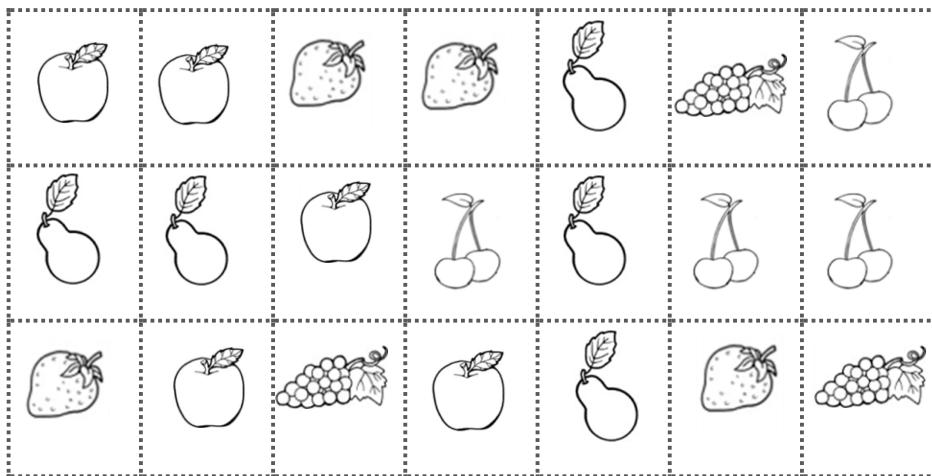
Inqanaba 4 - Ulungise **izinto** ezingundoqo zegrafu yomfanekiso.

Inqanaba 5 - Ukubonisa ulwazi ngendlela yegrafu yomfanekiso.

Inqanaba 6 - ukuphendula imibuzo ephathelene negrafu yomfanekiso.

5.1-5.6(1-6) *Titshala: Abafundi basebenza ngokwamaqela esi4 – 5 baqokelela bahlele iziqhamo ezahlukileyo abazifumene emakhaya. Utitshala uzisa eklasini iziqhamo ezahlukileyo (okanye imifuno) uzibeka ezidesikeni zabafundi. Fota iikopi zeziqhamo (okanye imifuno). Yiba nemifanekiso emininzi kunabafundi]. Emveni kokuba bezihlelile abafundi kufuneka basebenze ngamnye ngamnye.*

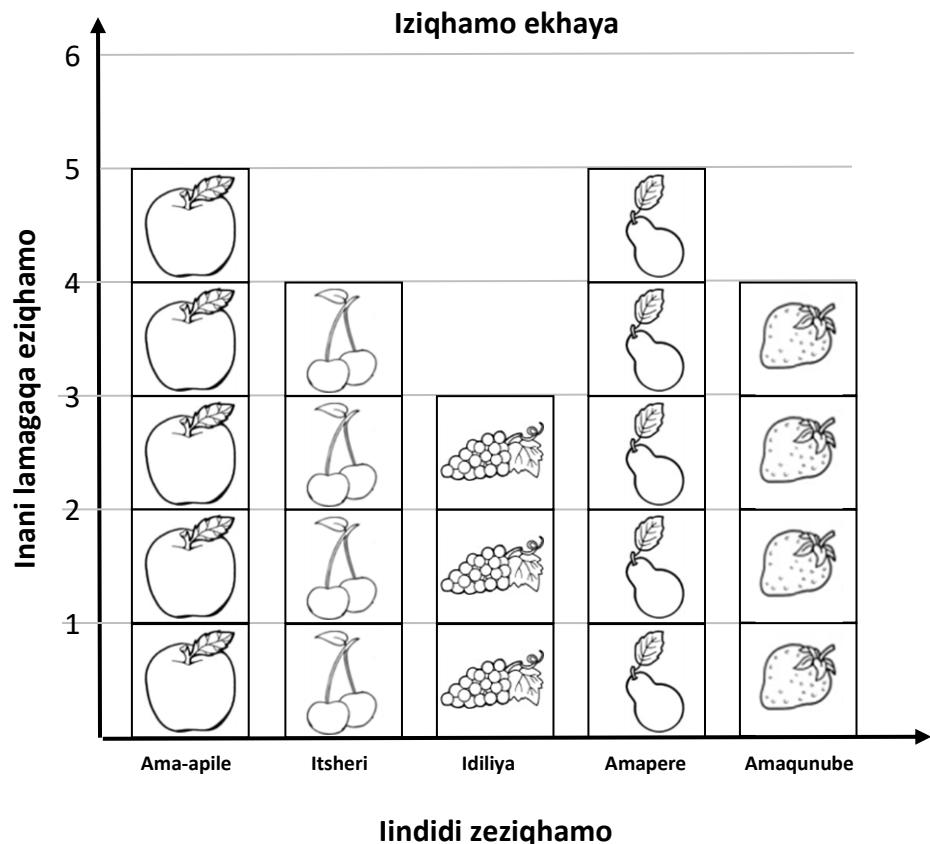
- a. • Hlela iziqhamo ngamaqela.
• Kutheni uzhlele ngolu hlobo? Xelela umhlobo wakho. ()
- b. Akukwazi ukuncamathisela iziqhamo encwadini yakho. Ungabonisa njani ukuba une, umz. i-apile? ()
- c. *Titshala: Nikezela ngeekopi ezifotiwego zeziqhamo.*



Sika iziqhamo ngokwenani olifunayo. ()

- d. *Titshala:* Nikezela iphepha elikhulu elinebhloko. Kubalulekile ukuba nephepha elinebhloko ukuze abafundi babe nengcamango yokuba ibhloko e1 imele into enye. (Kuqala ke ngoku ingqiqo yeskali) ukuba bazobe nje amabhanana ama 3 ayakuba nobungakanani obungange apile eli1.)
- Zoba umgca othe tyaba nome nkqo ephepheni lakho elinebhloko.
 - Beka iziqhamo ezahlukileyo kwiibhloko ezizizo.
 - Zincamatelise.
 - Bhala isihloko.
 - Phawula imigca ethe tyaba naleyo ime nkqo. ()
- e. Phendula lemibuzo ilandelayo.
- Mangaphi amaunube akhoyo?
 - Zingaphi iitsheri ezikhoyo?
 - Zeziphi ezona ziqhamo zininzi onazo?
 - Zeziphi ezona ziqhamo zimbalwa onazo?
 - Zeziphi ezona ziqhamo ezilinganayo?
 - Ukuba ubunama-apile ama4 ngaphezulu, ebeyakuba mangaphi onawo ewonke?
 - Ukuba ubunesipha okanye ibhantshi yediliya ecinane nge2, ubuya kuba neebhantshi ezingaphi? ()
- Titshala:* Umfundi kwiqela ngalinye kufuneka abonise acacisele iklasi yonke igrafu yemifanekiso yakhe neempendulo kwimibuzo.

Memo d.



e.

- Kukho amaqunube ama4.
- Kukho iitsheri ezi4.
- Ezona ziqhamo zininzi: amapere nama-apile.
- Ezona ziqhamo zimbalwa: yidiliya
- Inani leziqhamo ezilinganayo: iitsheri namaqunube (4); amapere nama-apile (5)
- Ndiyakuba nama-apile ali9 ewonke.
- Ndiyakuba nebhantshi e1 yediliya.

5. Indlela yokusebenza ngolwazi oluqokelelweyo: ibanga 2

Imigangatho yokuqhubela phambili ilandela amanyathelo afanayo anxulunyaniswe kuLwazi Oluqokelelweyo Olujikelezayo ingachazwa ngoluhlobo lolandelayo:

Inqanaba 1 - Qokelela uhlele ulwazi ukuze uphendule umbuzo

Inqanaba 2 - Chaza ukuba ulwazi luhlelwé njani na ngokunxulumene nombuzo

Inqanaba 3 - Lungisa ulwazi ngeethali

Inqanaba 4 - Bonisa ulwazi ngegrafu yomfanekiso

Inqanaba 5 - Phendula imibuzo enxulumene negrafu yomfanekiso (umz. zingaphi iitoti eziqokolelweyo?)

Level 6 - Yandisa imibuzo ukunika inkcazel (umz. nika isizathu sempendulo yakho.)

5.1-5.6(1-6) **Umbuzo:** Yeyiphi inkukuma ebua isetyenziswe ngendlela kwindawo ohlala kuyo?

Titshala: Cela abafundi ukuba beze esikolweni nenkukuma aphinda isetyenziswe kwindawo zabo zokuhlala umz. iibhotile zeplastiki, ibhegi zeplastiki, iphepha, iitoti neebhotile. Abafundi basebenza ngamaqela 4-5 baqokelele izinto. Emveni koko abafundi bayazisebenzela umntu ngamnye.

- a. Hlela inkukuma ngamaqela. ()
- b. Bhala enye ezantsi kwenye namagama alamaqela. ()
- c. Bala zingaphi iibhotile oziqokeleleyo (umz. libhotile zeplastiki). Sebenzisa ithali thabhula. ()
- d.
 - Gqiba ukuba ungawabonisa njani amaqela ohlukileyo eendidi zenkukuma kwigrafu - yemifanekiso.
 - Zoba imigca ethe tyaba nethe nkqo kwigrafu yakho. Phawula imigca yakho.
 - Zoba uze ufakele ulwazi oluqokeleleyo kwigrafu.
 - Nika igrafu yakho isihloko. ()
- e. Phendula le mibuzo ilandelayo yegrafu.
 - Zingaphi iibhotile zeplastiki oziqokoleleyo?
 - Zingaphi iitoti oziqokeleleyo?
 - Yeyiphi eyona nkukuma ininzi oyiqokeleleyo? Nika isizathu sokutsho.
 - Yeyiphi eyona incinci oyiqokeleleyo? Nika isizathu sokutsho.
 - Yintoni umahluko phakathi kweyona ininzi neyona nkukuma incinci oyiqokeleleyo?
 - Zingaphezulu kangakanani eziqokolelweyo kune? ()

Titshala: Umfundi weqela ngalinye kufuneka abonise aze achazele iklassi yonke ngegrafu - yomfanekiso wakhe anike neempendulo zemibuzo.

Memo Yamkela nayiphina indlela igrafu – yomfanekiso ebonisa ngayo eyona nkukuma enokuguqulwa ibe yenye into enokusetyenziswe ekuhlaleni kwendawo yomfundi.

5. Indlela yokusebenza ngolwazi oluqokelelwego: ibanga 3

Imigangatho yokuqhubela phambili ilandela amanyathelo afanayo anxulunyaniswe kuLwazi Oluqokelelwego Olujikelezayo ingachazwa ngoluhlobo lulandelayo:

Inqanaba 1 - Qokelela uhlele ulwazi ukuze uphendule umbuzo

Inqanaba 2 - Chaza ukuba ulwazi luhlelwe njani na ngokunxulumene nombuzo

inqanaba 3 - Lungisa ulwazi ngeethali, ngoluhlu okanye ngethabhula

Inqanaba 4 - Bonisa ulwazi ngegrafu yomfanekiso okanye ngebha-grafu

Inqanaba 5 - Phendula imibuzo enxulumene negrafu yomfanekiso (umz. zininzi kangakanani ijezi kuneebhulukhwe ezithengisiwego evekini? Nika izizathu zempendulo yakho.)

Level 6 - Phendula imibuzo entsokothileyo (umz. ingaba enye ivenkile inokuba nebha grafu efanayo ngezinto ezithengiwego ngeveki? Chaza.)

5.1-5.6 (1-6) ***Umbuzo:*** *Zeziphi ezona mpahla zithandwayo ezithengiswe phakathi evekini?*

Titshala: *Banike abantwana iphepha elincinci elineebhloko lokuzoba ibha grafu.*

Olu lulandelayo luluhlu Iwezinto ezithengiswayo kwivenkile yempahla phakathi evekini.

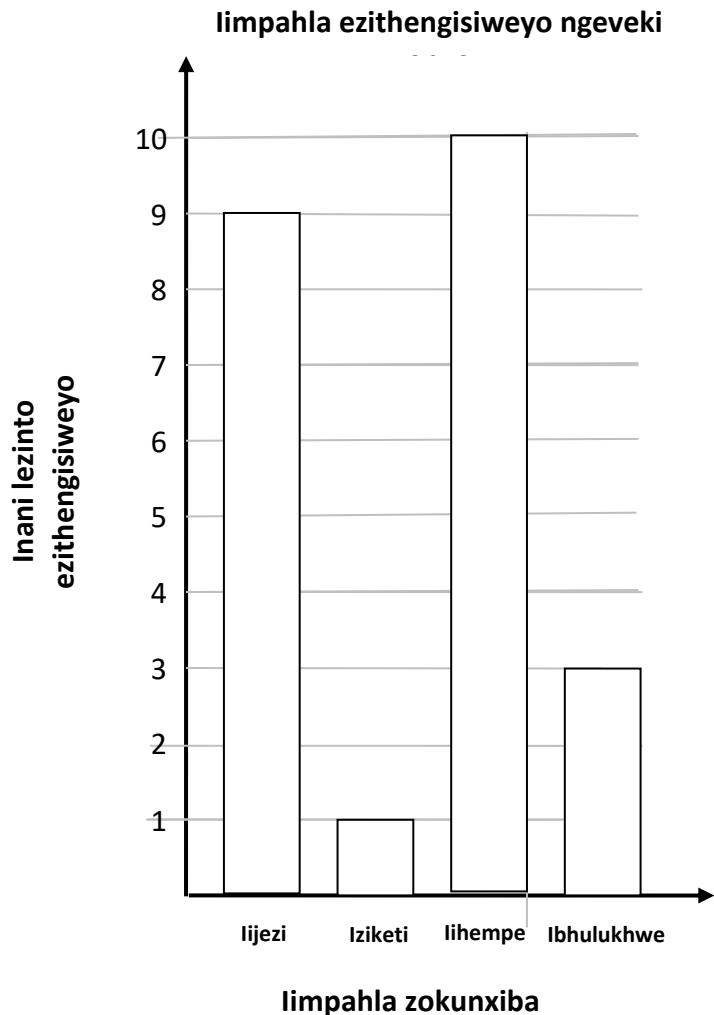
ijezi emhlophe	hempe epinki	ijezi eneyivi
isiketi esinamabala	bhulukhwe engwevu	ihempe ezuba
isiketi esinemigca	ibhulukhwe emnyama	ihempe enemigca ezuba
ihempe engwevu	jezi eneyivi	ihempe epinki
ihempe emhlophe	bhulukhwe engwevu	ijezi eneyivi
Ihempe ezuba	ijezi eneyivi	ihempe emhlophe
ihempe emnyama	ijezi eneyivi	ijezi eneyivi
		ijezi engwevu

- a. Hlela impahla ngamaqela. ()
- b. Zoba ithali-thabhula ukubonisa inani leempahla ezithengisiwego kwiqela ngalinye evenkileni phakathi evekini. ()
- c. Zoba ibha- grafu ukubonisa inani leempahla ezithengisiwego kwiqela ngalinye phakathi evekini.
Khumbula ukuba uyinike isihloko igrafu yakho uze ufake neempawu zemigca ethe tyaba nethe nkqo yegrafu. ()

- d. Phendula lemibuzo ilandelayo yegrafu.
- Zingaphi iijezi ezithengisiwego evekini?
 - Zingaphi iihempe ezithengisiwego evekini?
 - Zininzi kangakanani ijezi ezithengisiwego kuneejezi evekini?
 - Yeyiphi impahla ethengiswe kakhulu phakathi evekini? Ucinga ukuba kutheni kunjalo?
 - Yeyiphi impahla ethengiswe kancinane phakathi evekini?
 - Ucinga ukuba enye ivenkile iyakubonisa into efana nale bha – grafu yezinto ezithengisiwego ngeveki. Chaza.
 - Ukuba iihempe ezi 9 ngaphezulu bezithengisiwe, beziya kuba ngaphi iihempe ezithengisiwego zizonke?

(_)

***Titshala:** Umfundu osuka kwiqela ngalinye kufuneka abonise aze achazele iklasi yonke ngegrafu yomfanekiso anike iimpendulo kwimibuzo.*



d.

- Iijezi ezi 9 zithengisiwe evekini.
- Iihempe ezi 10 zithengisiwe evekini.
- Iijezi ezi 6 ngaphezulu kuneebhulukhwe zithengisiwe evekini.
- Eyona mpahla ithengisiweyo evekini: ziihempe (10)
- Ucinga ukuba kwensiwe yintoni oko? Yamkela nayiphi ingcaciso enengqiqo (umz. Kunokuba bekukho inkuthazo yokuthenga ekhethekileyo yeehempe kulo veki.)
- Eyona nto ithengiswe kancinci: sisiketi (1)
- Ucinga ukuba enye ivenkile iyakubonisa into efana nale bha – grafu yezinto ezithengisiweyo ngeveki. Chaza. Yamkela nayiphina ingcaciso anengqiqo (umz. ibha-grafu iyakwahluka ngenxa yokuba beziya kuba zithengisa izinto ezahlukileyo zibe zinempahla ezahlukileyo ezikwixabiso elikhethekileyo lenkuthazo.)
- Ukuba iihempe ezi 9 ngaphezulu bezithengisiwe, beziya kuba ngaphi iihempe ezithengisiweyo zizonke? Ziyakuba 19 zizonke.