Ukufunda ngomthethosisekelo waseNingizimu Afrika (1996)

Umthethosisekelo waseNingizimu Afrika (1996) uqukethe imithetho ephakeme kunayo yonke yezwe. Le mithetho ingaphezulu kukaMongameli, ingaphezulu kwezinkantolo futhi ingaphezulu kukaHulumeni.

Uchaza indlela okufanele abantu baphathane ngayo ezweni labo, nokuthi ayini amalungelo abo nemisebenzi yabo komunye nomunye. Umthethosisekelo wezwe wenzelwe ukuthi usivikele thina sonke kanye nekusasa lezingane zethu.

Masiyazi imvelaphi yethu.	**Masingawaphindi amaphutha enzeka enkathini eyedlule.**	**Umthethosisekelo uyasisiza ukuba sibe nesithombe futhi sakhe ikusasa elingcono lethu sonke.**

Thina, Bantu baseNingizimu Afrika –

Siyakukhumbula ukucekelwa phansi kwamalungelo okwenzeka eminyakeni eyadlula;

Sibungaza labo abahluphekela ubulungiswa nenkululeko kulo mhlaba wethu;

Sihlonipha labo abasebenzele ukwakha nokuthuthukisa izwe lethu;

Futhi sikholelwa ekuthini iNingizimu Afrika ingeyabo bonke abahlala kuyo, sibumbene nakuba singefani.

Ngakho-ke, ngabameleli bethu esibakhethe ngokukhululeka, samukela lo Mthethosisekelo njengomthetho-ngqangi wezwe lethu, ukuze—

- Silungise ukwehlukana kwesikhathi esedlule bese sakha umphakathi owesekelwe yinkolelo yenqubo yentando yeningi, ubulungiswa emphakathini, kanye namalungelo obuntu;
- Sibeke isesekelo sokwakha umphakathi oqhuba ngendlela yentando yeningi; futhi ovulekile, lapho uHulumeni akhelwe khona phezu kwentando yabantu futhi lapho zonke izakhamuzi zivikelwe ngumthetho ngendlela efanayo;

Sithuthukise izinga lokuphila lazo zonke izakhamuzi futhi sikhulule amakhono omuntu ngamunye; futhi-

- Sakhe iNingizimu Afrika ebumbene futhi eqhuba ngenqubo yentando yeningi ekwazi ukuthatha indawo yayo efanele njengezwe elizimele emazweni ngamazwe.

Yazisa ilungelo lakho njengesakhamuzi saseNingizimu Afrika uzimisele ukuvikela amalungelo abanye.	**Yazi Umqulu wamalunge kanye Nomqulu wezinto ezidinga ukwenziwa.**

Sengathi uNkulunkulu angabavikela abantu bakithi.
Nkosi Sikelel' iAfrika. Morena boloka setjhaba sa heso.
God seën Suid-Afrika. God bless South Africa.
Mudzimu fhatutshedza Afurika. Hosi katekisa Afrika.

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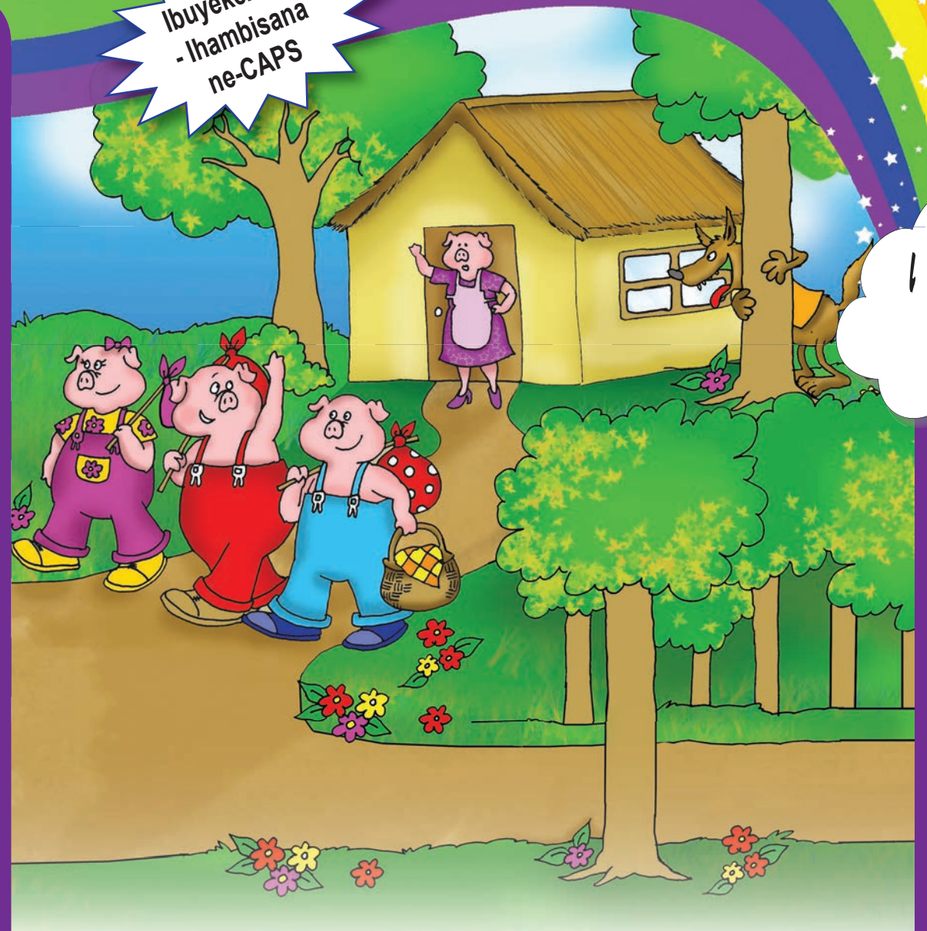
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Incwadi yesi-2
Ithemu 3 & 4

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UNkk Angie Motshekga, uNgqongqoshe weMfundo eyiSesekelo



UMnu Enver Surty, iSekela loMnyango weMfundo eyiSesekelo

Lezi zincwadi zokusebenzela zenzelwe abantwana baseNingizimu Afrika ngaphansi kwesandla sikaNgqongqoshe weMfundo eyiSesekelo, uNkk Angie Motshekga, neSekela likaNgqongqoshe weMfundo eyiSesekelo, uMnu Enver Surty.

Lezi zincwadi ezibizwa ngeRainbow Workbooks ziyingxenye yoMnyango weMfundo eyiSesekelo lapho uMnyango uzama khona ukungenelela ukuze kuthuthukiswe imfundo yabantwana bamabanga asuka kwelokuqala kuya kwelesithupha eNingizimu Afrika. UMnyango weZimali uxhase lo mkhankaso kaHulumeni njengento yokuqala uHulumeni azibekele yona ukuthi ayisukumele. Uxhaso loMnyango weZimali lusize uMnyango wezeMfundo ukuthi ukwazi ukukhiqiza uphinde usabalalise ngaphandle kwenkokhelo lezi zincwadi zokusebenzela ngazo zonke izilimi zaseNingizimu Afrika ezisemthethweni.

Sinethemba lokuthi othisha bazozithanda basebenze kangcono ngazo lezi zincwadi ekufundiseni kwabo kwansuku zonke, baphinde bathole futhi isiqiniseko sokuthi abafundi babo bafundiswa konke abamelwe ukufundiswa khona njengoba kuvela kusilabhasi yabo. Sizamile ukuqiniseka ukuthi sifaka izithonjana (ama-icon) emisebenzini yokwenziwa ukuze uthisha akuthole kulula ukuyilandela nokuqonda ukuthi umfundi yini alindeleke ukuyenza.

Sinethemba futhi lokuthi abantwana uqobo lwabo bazokujabulela ukusebenzisa lezi zincwadi ekukhuleni kwabo bakhule nolwazi eziluqukethe, bese kuthi wena njengothisha wabo uthokoze kanye nabo ekugcineni.

Sifisela wena nomfundi omfundisayo impumelelo ngenkathi usebenzisa lezi zincwadi.



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IZIBALO

NGESIZULU

Le ncwadi ngeka -:



ISIZULU

Incwadi yesi-2

2

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



Usuku:

Thola ulwazi ngale nombolo: 11

Ithemu 3

Ukubuyekeza:

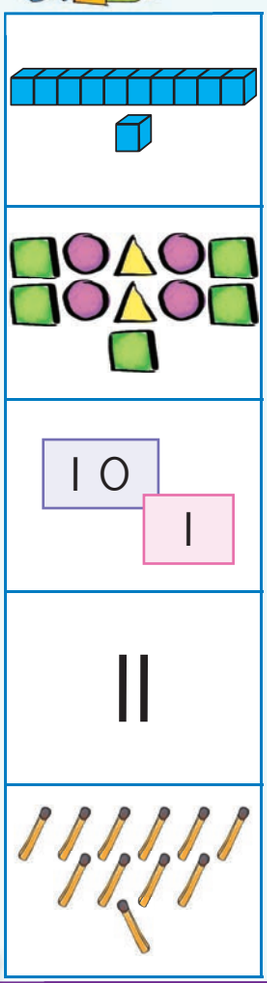
Zijwayeze ukubhala izinombolo.

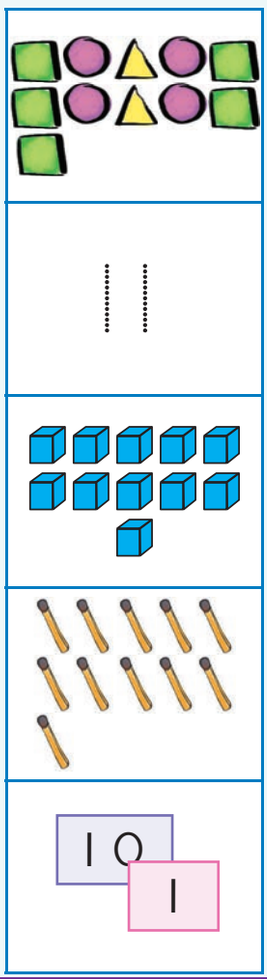
kunye — 1 1

kubili — 2 2



Qondanisa izithombe.

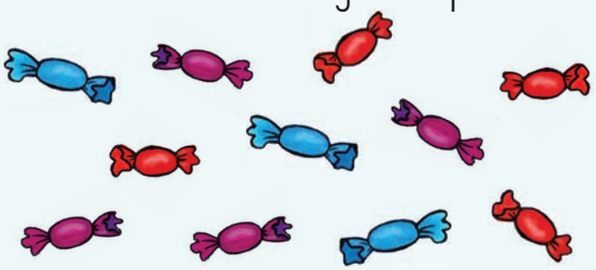






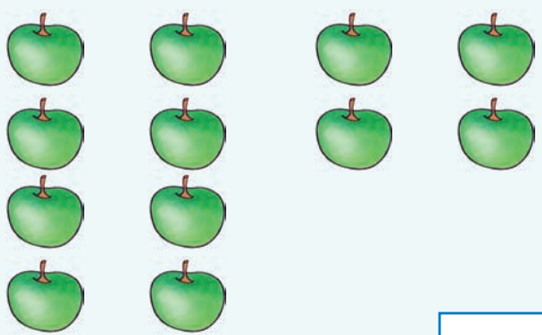
Kokelezela lezi zinto.

Kokelezela amaswidi ayi-10 kuphela.



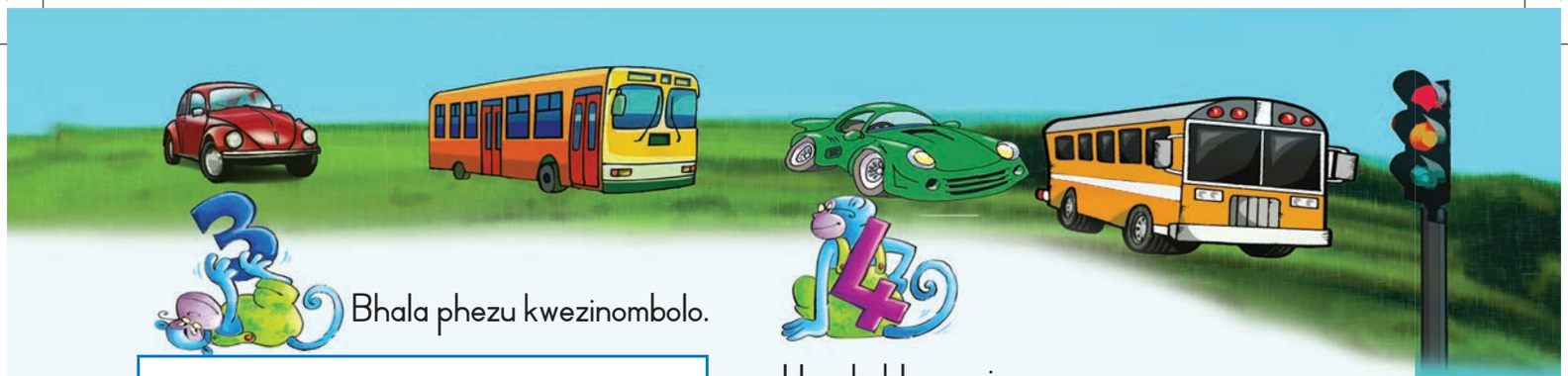
Mangaki amaswidi asele?

Kokelezela ama-aphula ayi-10 kuphela.



Mangaki ama-aphula asele?





Bhala phezu kwezinombolo.

II	II	II	II
ishumi nanye			
II	II	II	II

Uma kuhlanganiswa okukukholamu ngayinye kumele kufinyelele e-II. Gcwalisa izinombolo ezingekho.

3	5	4
4	5	
4		2
II	II	II

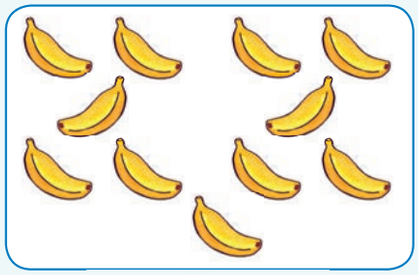
Dweba izinto eziyi-II.

Gcwalisa izinombolo ezingekho.

1	2		4	

Bala lezi zinto.





Qedela ithebhula. Umugqa ngamunye unesithombe, inombolo kanye negama lenombolo.

		ishumi nanye
	II	ishumi nanye
II		
	ishumi nanye	

Iyiphi inombolo encane ngokukodwa kokuyi-II? _____

Iyiphi inombolo engaphezulu ngokukodwa kokuyi-II? _____

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



Usuku:

Thola ulwazi ngale nombolo: 12

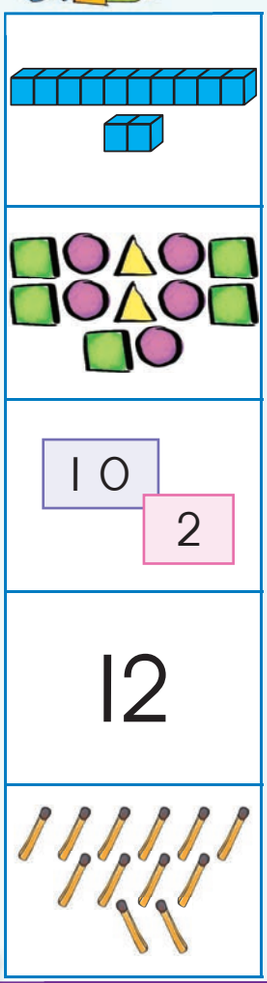
Ukubuyekeza:

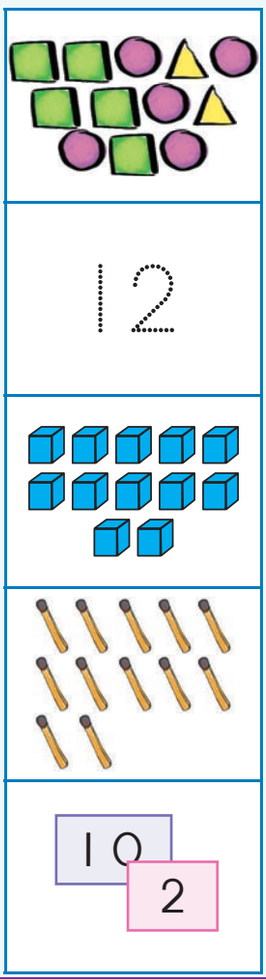
Zijwayeze ukubhala izinombolo.

 kuthathu	3 3
 kune	4 4



Qondanisa izithombe.







Kokelezela lezi zinto.

Kokelezela izicathulo eziyi-10 kuphela.



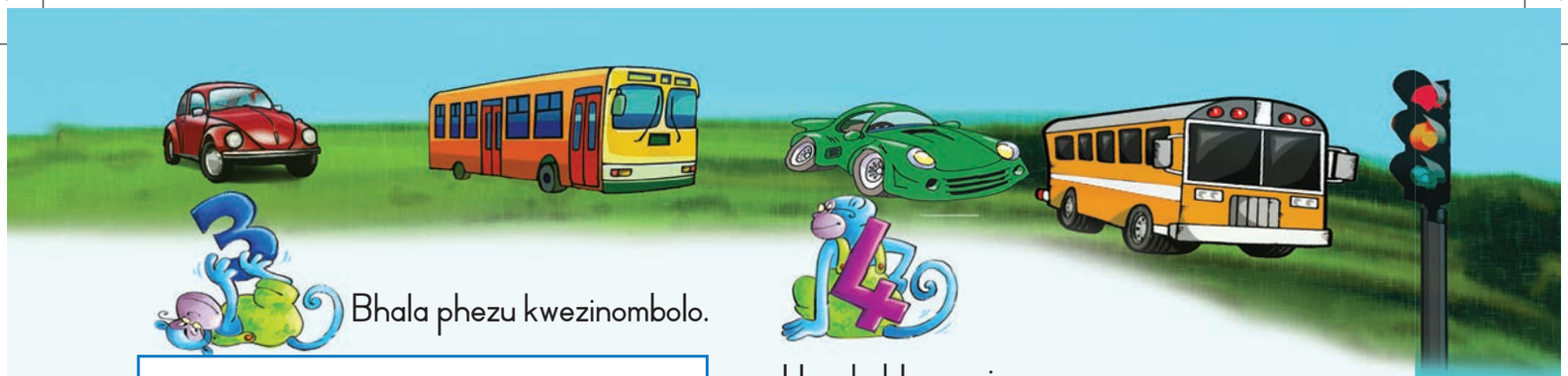
Zingaki izicathulo ezisele? ☐

Kokelezela amagobolondo ayi-12 kuphela.



Mangaki amagobolondo asele? ☐





Bhala phezu kwezinombolo.

12	12	12	12
ishumi nambili			
12	12	12	12

Uma kuhlanganiswa okukukholamu ngayinye kumele kufinyelele e-12. Gcwalisa izinombolo ezingekho.

	7	6
4		4
3	2	
12	12	12

Dweba izinto eziyi-12.

Gcwalisa izinombolo ezingekho.

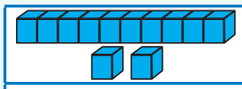
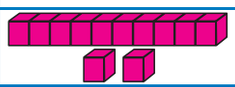
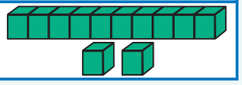
3		5			
8			11		

Bala lezi zinto.





Qedela ithebhula. Umugqa ngamunye unesithombe, inombolo kanye negama lenombolo.

		ishumi nambili
	12	ishumi nambili
		12
	ishumi nambili	

Iyiphi inombolo encane ngokukodwa kokuyi-12? _____

Iyiphi inombolo engaphezulu ngokukodwa kokuyi-12? _____

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

67

Usuku:

Thola ulwazi ngale nombolo: 13

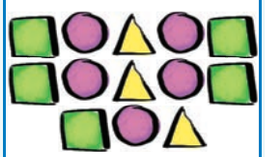
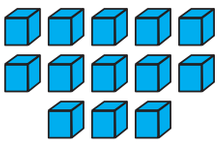
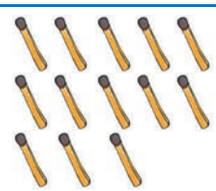
Ukubuyekeza:

Zijwayeze ukubhala izinombolo.

kuhlanu — 5 5

isithupha — 6 6

Qondanisa izithombe.

	
	13
10 3	
13	
	10 3

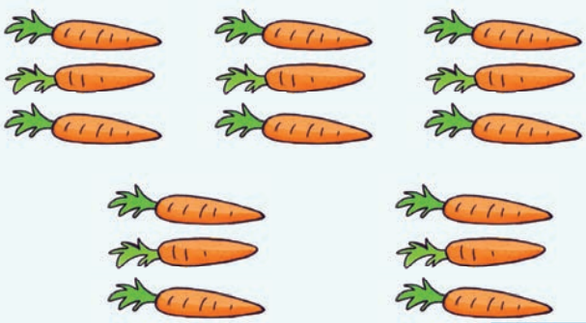
Kokelezela lezi zinto.

Kokelezela amakati ayi-10 kuphela.



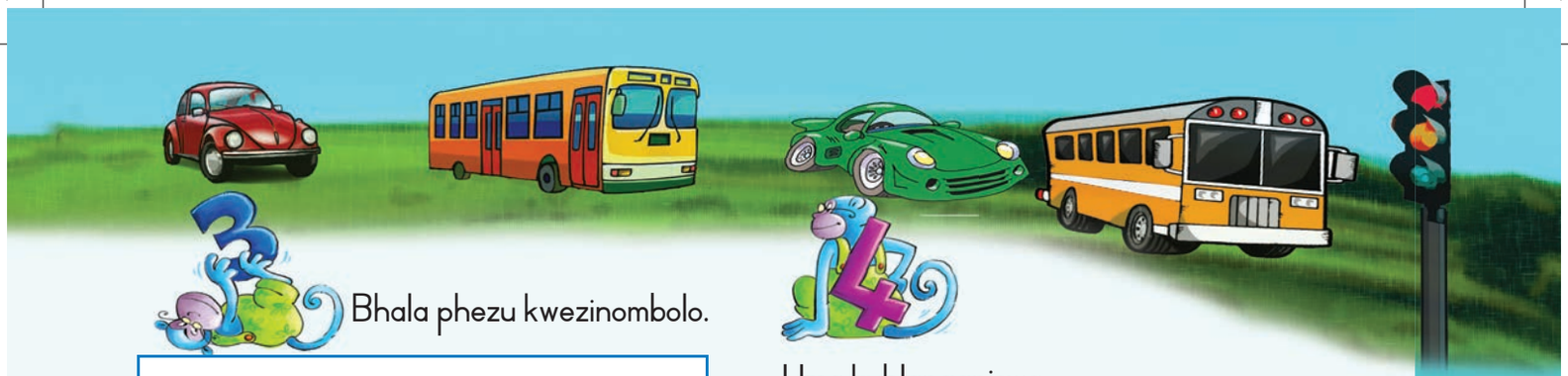
Mangaki amakati asele?

Kokelezela amakhetothi ayi-13 kuphela.



Mangaki amakhetothi asele?

0 1 2 3 4 5 6 7 8 9 10



Bhala phezu kwezinombolo.

13	13	13	13
ishumi nantathu			
13	13	13	13

Uma kuhlanganiswa okukukholamu ngayinye kumele kufinyelele e-13. Gcwalisa izinombolo ezingekho.

1	2	6
1		
	3	2
13	13	13

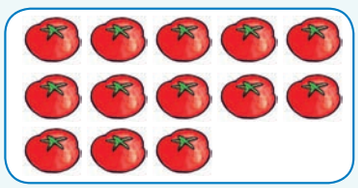
Dweba izinto eziyi-13.

Manje zidwebe ngendlela ehlukile.

Gcwalisa izinombolo ezingekho.

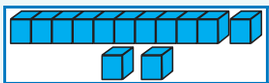
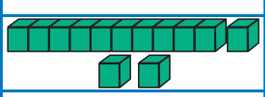
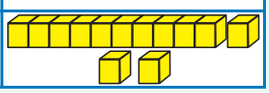
	10		12	

Bala lezi zinto.





Qedela ithebhula. Umugqa ngamunye unesithombe, inombolo kanye negama laleyo nombolo.

		ishumi nantathu
	13	ishumi nantathu
13		
	ishumi nantathu	

Iyiphi inombolo encane ngokukodwa kokuyi-13? _____

Iyiphi inombolo engaphezulu ngokukodwa kokuyi-13? _____

Teacher:
Sign:
Date:

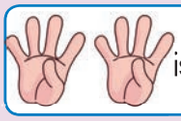
11 12 13 14 15 16 17 18 19 20

Usuku:

Thola ulwazi ngale nombolo: 14

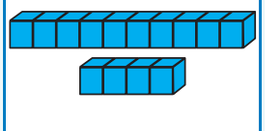
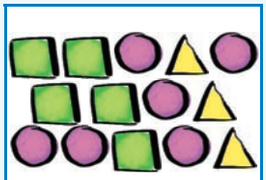
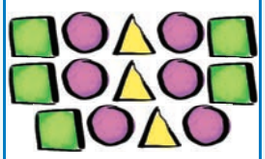
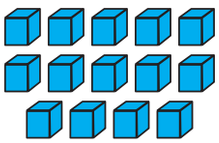
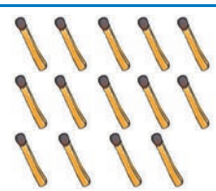
Ukubuyekeza:

Zijwayeze ukubhala izinombolo.

 isikhombisa	7 7
 isishiyagalombili	8 8



Qondanisa izithombe.

	
	14
10 4	
14	
	10 4



Kokelezela lezi zinto.

Kokelezela izimvemvane eziyi-10 kuphela.



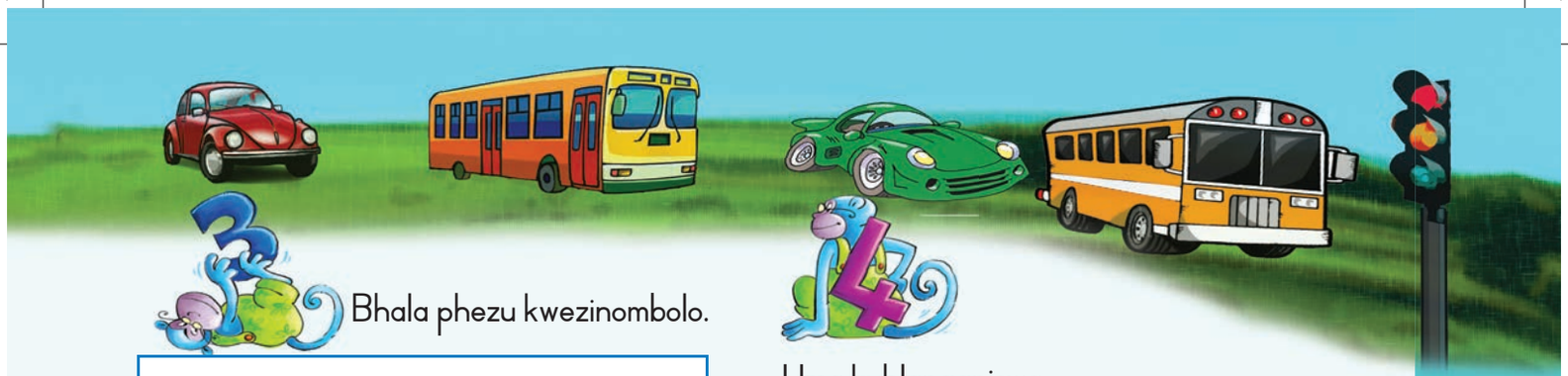
Zingaki izimvemvane ezisele?

Kokelezela izingubo eziyi-14 kuphela.



Zingaki izingubo ezisele?





Bhala phezu kwezinombolo.

14	14	14	14
ishumi nane			
14	14	14	14

Uma kuhlanganiswa okukukholamu ngayinye kumele kufinyelele e-14. Gcwalisa izinombolo ezingekho.

1		2
	5	1
3	2	
14	14	14

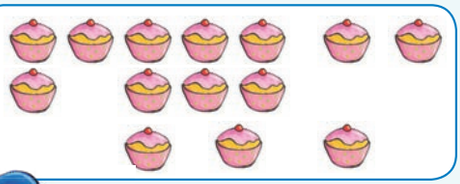
Dweba izinto eziyi-14.

Manje zidwebe ngendlela ehlukile.

Gcwalisa izinombolo ezingekho.

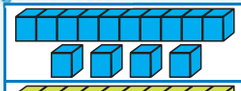
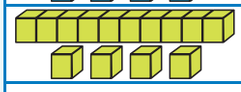
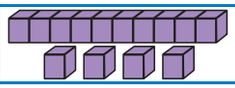
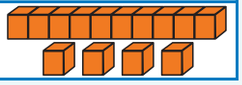


Bala lezi zinto.





Qedela ithebhula. Umugqa ngamunye unesithombe, inombolo kanye negama laleyo nombolo.

	14	ishumi nane
		
14		
	ishumi nane	

Iyiphi inombolo encane ngokukodwa kokuyi-14? _____

Iyiphi inombolo engaphezulu ngokukodwa kokuyi-14? _____

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Usuku:

Thola ulwazi ngale nombolo: 15

Ukubuyekeza:

Zijwayeze ukubhala izinombolo.

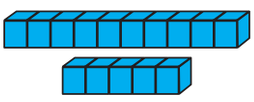
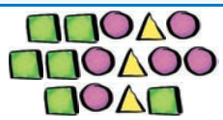
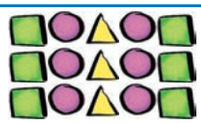
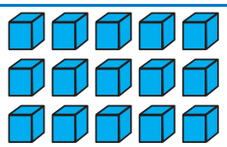
isishiyagalolunye	9 9
ishumi	10 10



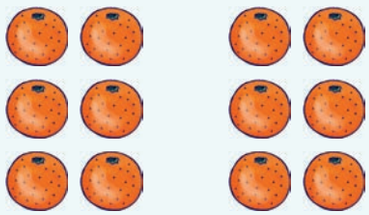
Qondanisa izithombe.



Kokelezela lezi zinto.

	
	15
10 5	
15	
	10 5

Kokelezela amawolintshi ayi-10 kuphela.



Mangaki amawolintshi asele?

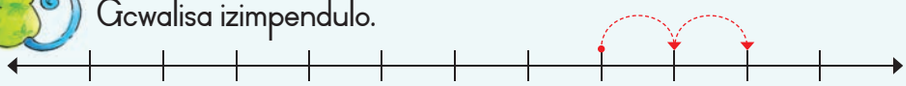
Kokelezela izinkanyezi eziyi-15 kuphela.



Zingaki izinkanyezi ezisele?

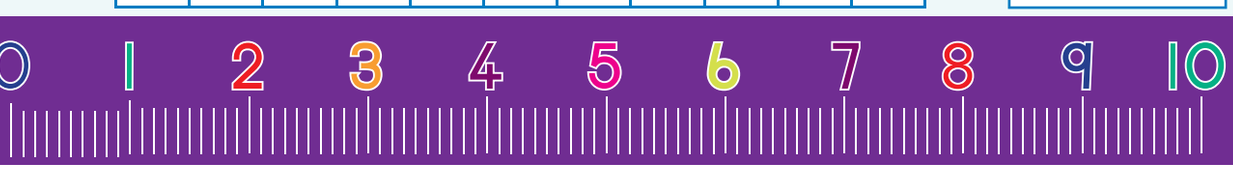


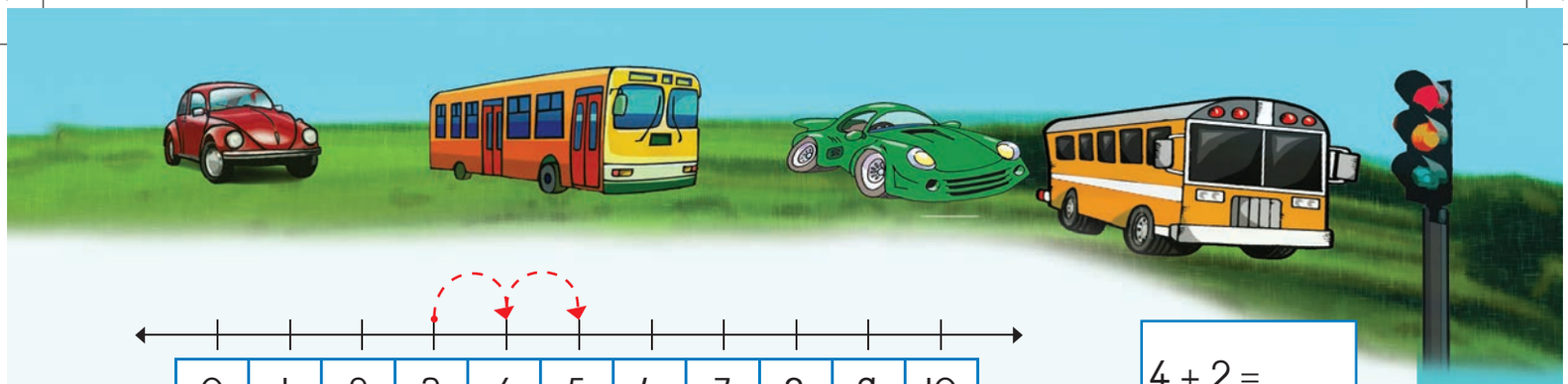
Gcwalisa izimpendulo.

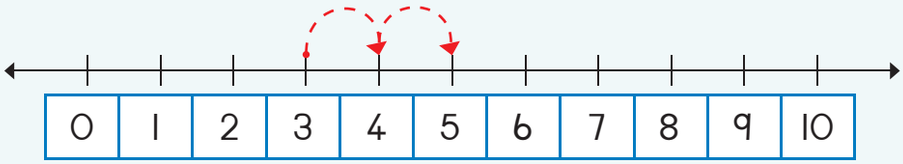


0	1	2	3	4	5	6	7	8	9	10

7 + 2 =







4 + 2 =



Bhala phezu kwezinombolo.

15 15 15 15

ishumi nanhlanu

15 15 15 15



Dweba izinto eziyi-15.

Manje zidwebe ngendlela ehlukile.



Gcwalisa izinombolo ezingekho.

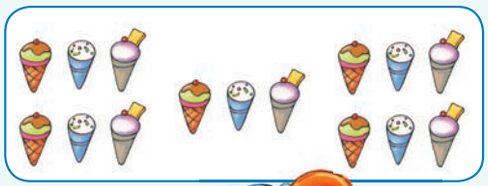
11 12 13 15

15 13 12



Bala lezi zinto.

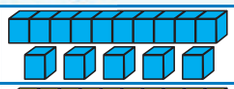
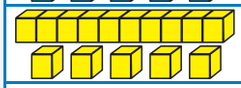
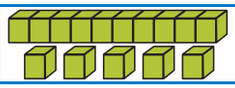






Qedela ithebhula. Umugqa ngamunye unesithombe, inombolo kanye negama laleyo nombolo.



	15	ishumi nanhlanu
		
		ishumi nanhlanu
15		

Iyiphi inombolo encane ngokukodwa kokuyi-15? _____

Iyiphi inombolo engaphezulu ngokukodwa kokuyi-15? _____



Teacher:
Sign:
Date:





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Usuku:

Ukuhlanganisa okufinyelela ema-20 – Ukubala siqhubeke

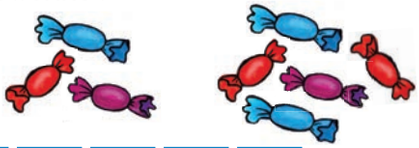
Ukubuyekeza:

Zijwayeze ukubhala igama lenombolo.

6 isithupha

Buka isithombe bese ubhala umusho wezinombolo walokhu ngakunye.

ULisa unamaswidi ama-3. UMandla unamaswidi ama-5. Mangaki amaswidi abanawo esewonke?

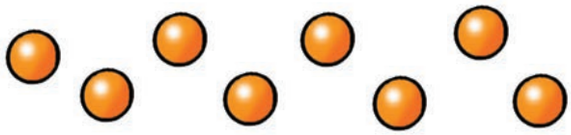


Masibale:

3	…	4	5	6	7	8		

☐ + ☐ = ☐

Benginezimabule eziyi-8 ngalahlekelwa ngezi-4. Zingaki izimabule ezisele?

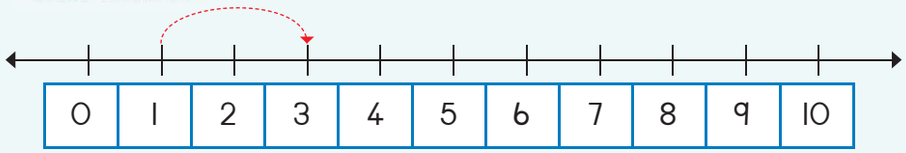


Masibale sihlehle:

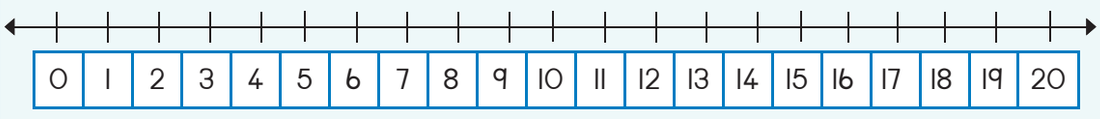
8	…	7	6	5	4			

☐ – ☐ = ☐

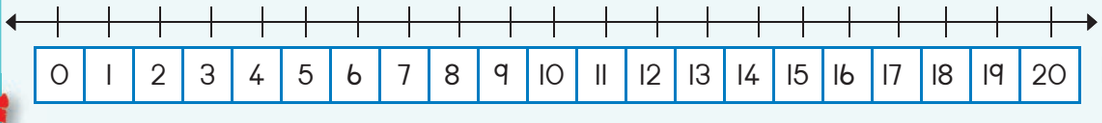
Gcwalisa izimpendulo.



1 + 2 = ☐



13 + 2 = ☐

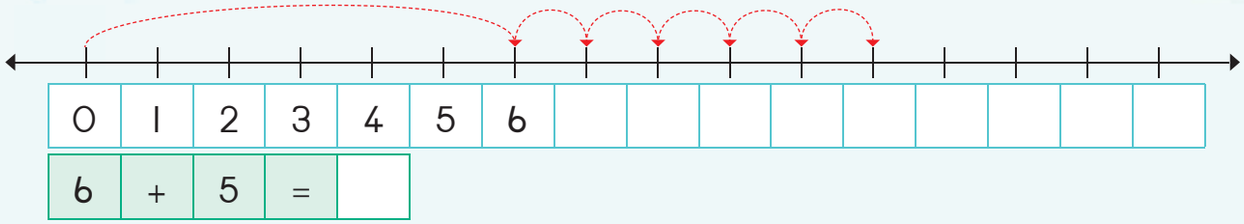


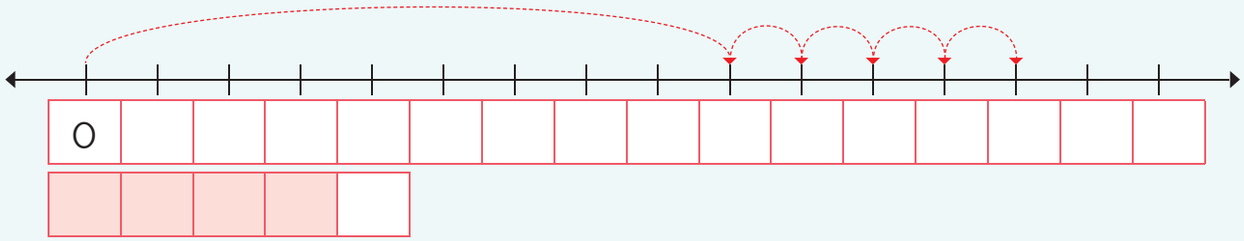
15 + 2 = ☐

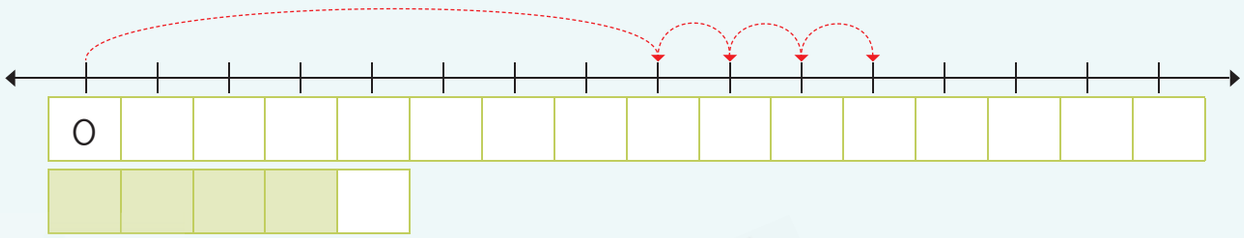




Gcwalisa izinombolo emgqeni wezinombolo bese ubhala umusho wezinombolo walokhu ngakunye.









Bala ngaku-2.

3	5
4	
2	



7	
8	
6	



Gcwalisa izinombolo.

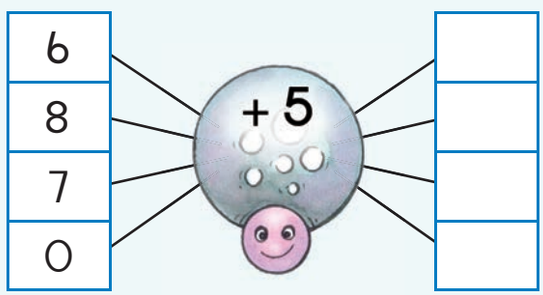


Siza isicabucabu siqedele isibalo saso.

Nginemingaka eyi-7 ubudala.
Ngizobe nginemingaki eminyakeni emi-5 ezayo?

7					

Ngizobe nginemingaka e-_____ ubudala.



Teacher:
Sign:
Date:

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Usuku:

Ukuhlanganisa – ukwakha nokubhidliza izinombolo ezifinyelela e-10

Ukubuyekeza:

Zijwayeze ukubhala igama lenombolo.

7 isikhombisa



Gcwalisa impendulo.

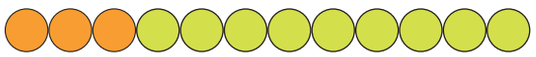
3 + 3 = ☐ 

0 + 5 = ☐ 

3 + 2 + 1 = ☐ 

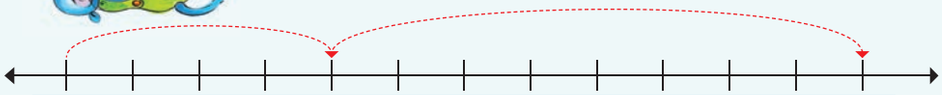


Faka umbala ukukhombisa lokhu okulandelayo.

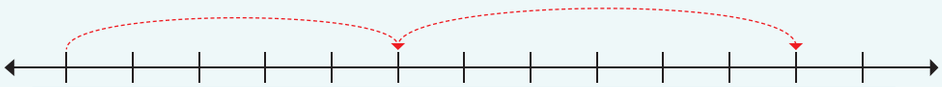
3 + 9	
4 + 8	
5 + 7	
6 + 6	
7 + 5	



Bhala isibalo salokhu:

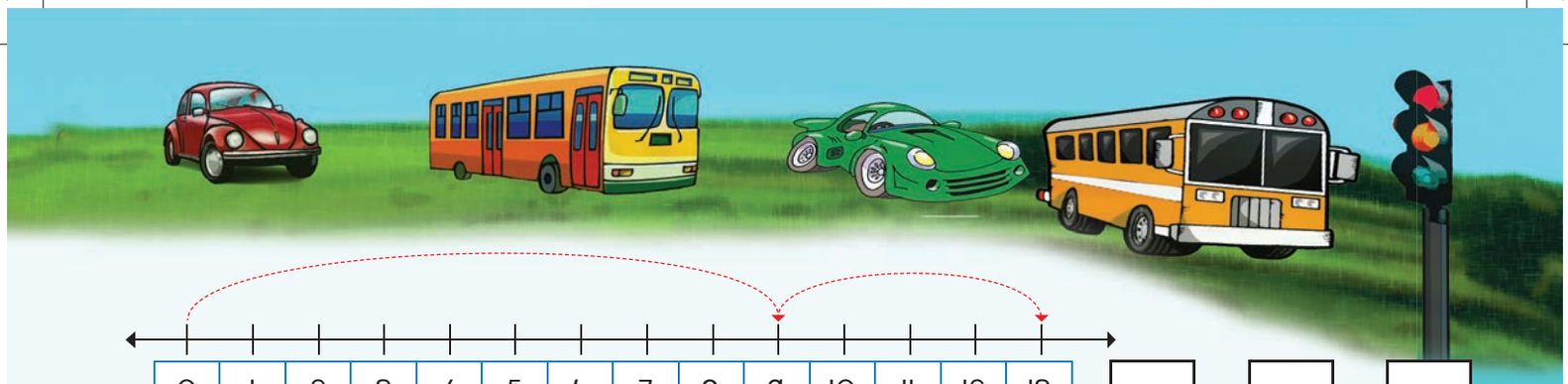


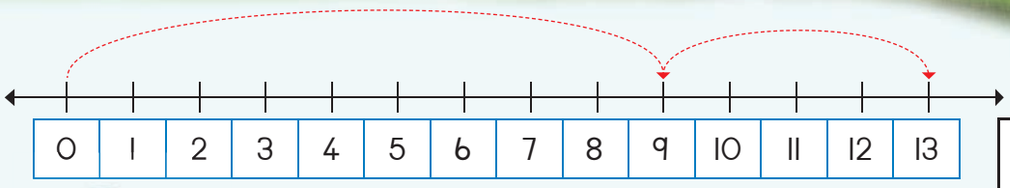
☐ + ☐ = ☐



☐ + ☐ = ☐



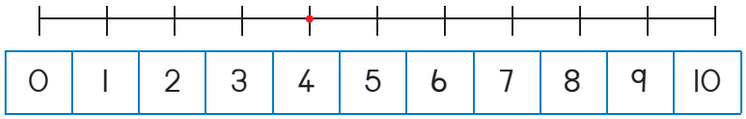




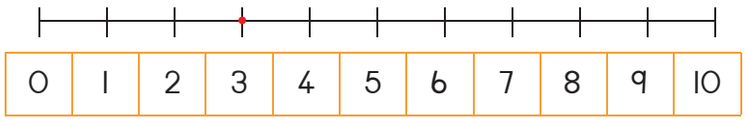
☐ + ☐ = ☐



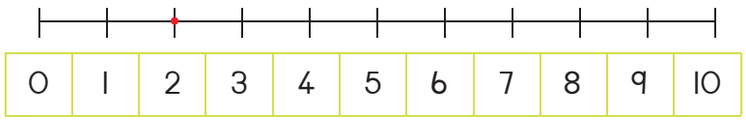
Qedela umugqa wezinombolo bese ugcwalisa impendulo.



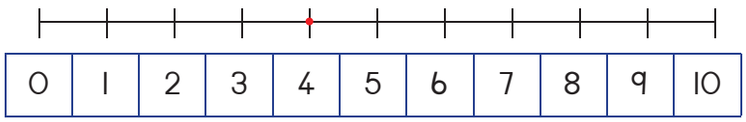
4 + 5 + 1 = ☐



3 + 3 + 2 = ☐



2 + 4 + 3 = ☐



4 + 3 + 2 = ☐



Xazulula lokhu okulandelayo ngokudweba izithombe.

Nginezimabule ezi-5 kanti umngani wami uneziyi-8. Zingaki izimabule esinazo sezizonke?

☐ + ☐ = ☐

Nginezimbali eziyi-9 engizozinika uthisha kanti umngani wami uneziyi-6. Zingaki izimbali esinazo sezizonke?

☐ + ☐ = ☐

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

72

Usuku:

Ukuhlanganisa – ukwakha nokubhidliza izinombolo ezifinyelela ema-20

Ukubuyekeza:

Zijwayeze ukubhala igama lenombolo.

8	isishiyagalombili

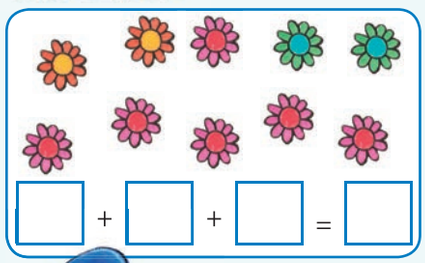


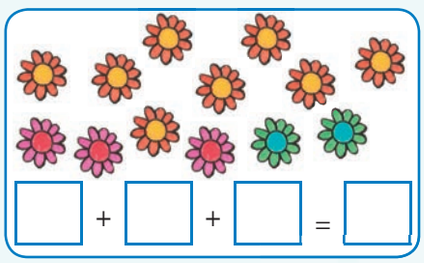
Gcwalisa impendulo.

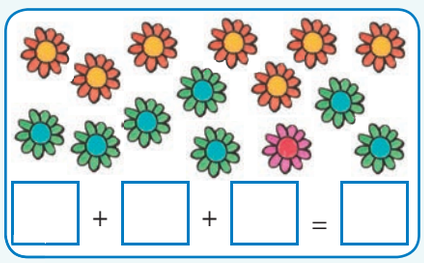
0 + 2 =		2 + 2 =		4 + 2 =		6 + 2 =		8 + 2 =	
10 + 2 =		12 + 2 =		14 + 2 =		16 + 2 =		18 + 2 =	



Sebenzisa izimbali ezinemibala engafani wakhe imisho yakho yezinombolo.







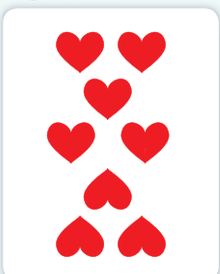


Siza isicabucabu siqedele isibalo saso.

12	+ 5	
14		
11		
9		



Zingaki izinhliziyo?



Yenza esakho isibalo.

___ + ___ = ___





Qondanisa amapheya ezinombolo wakhe lezi zinombolo ezilandelayo.

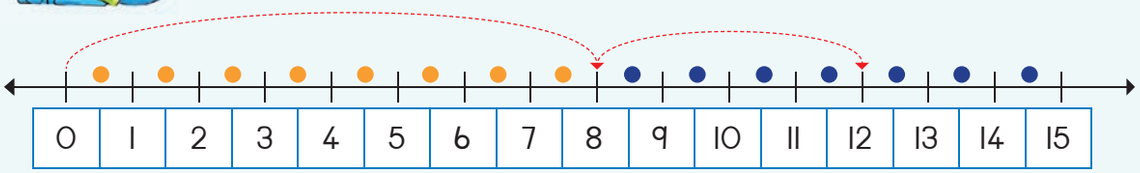
7	5	
8	4	
9	6	13
10	2	
11	3	

6	7	
7	4	
3	8	11
4	5	
5	6	

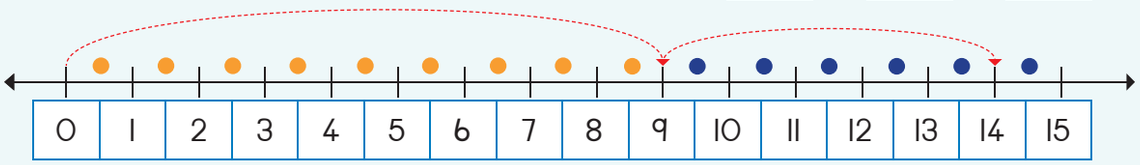
8	6	
10	1	
4	8	12
11	4	
6	2	



Bhala umusho wezinombolo zalokhu:



□ + □ = □



□ + □ = □

Ukubuyekeza:

Ukubuyekeza: Faka umbala empendulweni efanele.

			
ukuyivelela ngaphambili	ukuyivelela ngaphambili	ukuyivelela ngaphambili	ukuyivelela ngaphambili
ukuyivelela ngemuva	ukuyivelela ngemuva	ukuyivelela ngemuva	ukuyivelela ngemuva
ukuyivelela ngasohlangothini	ukuyivelela ngasohlangothini	ukuyivelela ngasohlangothini	ukuyivelela ngasohlangothini

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

73

Usuku:

Ukuhlanganisa nokususa – ukwakha nokubhidliza izinombolo

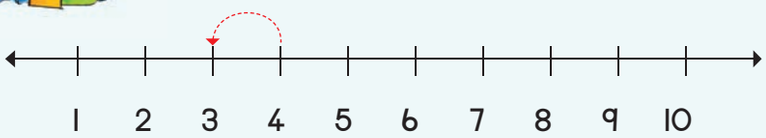
Ukubuyekeza:

Zijwayeze ukubhala igama lenombolo.

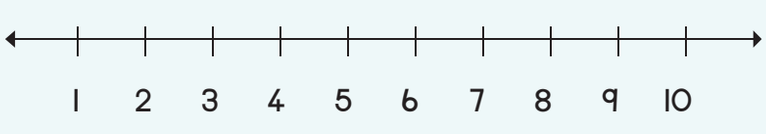
9	isishiyagalolunye



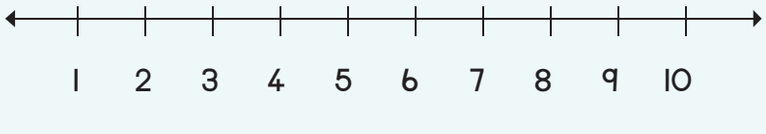
Gcwalisa impendulo.



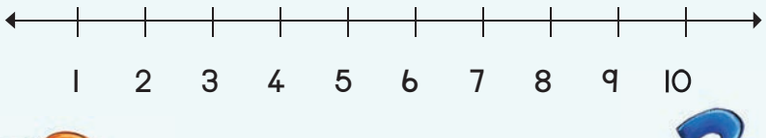
4 – 1 = ☐



5 – 3 = ☐



4 – 2 = ☐



5 – 2 = ☐

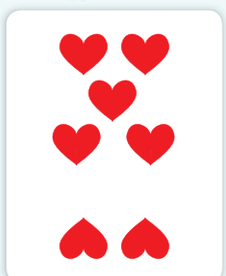


Siza isicabucabu siqedele isibalo saso.

7	–5	☐
8		☐
10		☐
5		☐



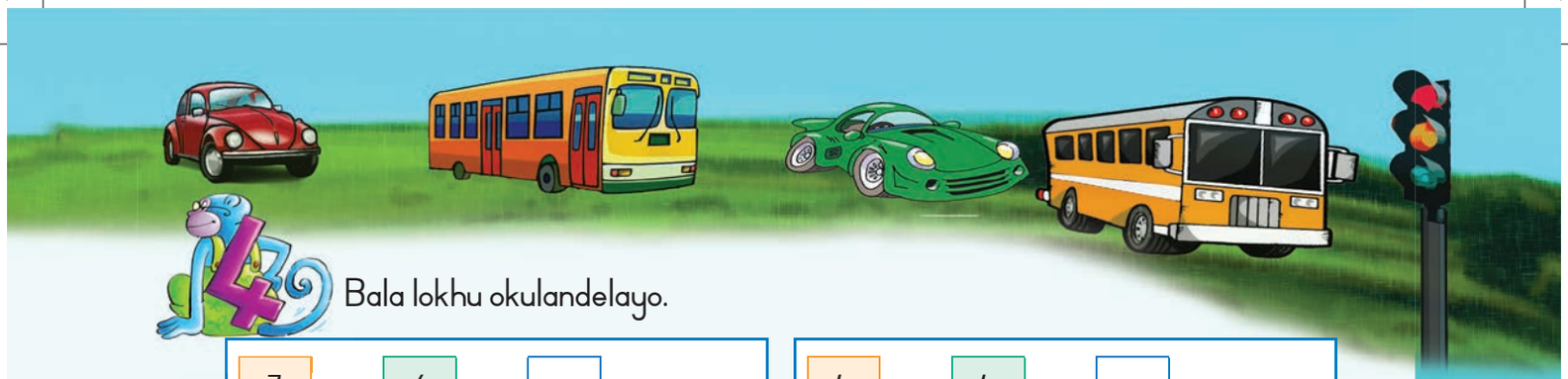
Zingaki izinhliziyo?



Zingaki izinhliziyo?

☐ + ☐ = ☐





4 Bala lokhu okulandelayo.

7	+	4	=		6	+	6	=	
7	+	4	+	1	=		6	+		+		=	
10	+	1	=			10	+		=	

13	–	6	=		12	–	8	=	
13	–	3	+	3	=			–		+		=	
10	–	3	=			10	–	3	=	

5 Bhala izimpendulo uzifake umbala bese uyadweba.

8 + 6 = ____

Singabuye sikukhombise kanje:

(8 + 2) + 4 = ____ → 10 + 4 = ____

15 – 7 = ____

Singabuye sikukhombise kanje:

(15 – 5) – 2 = ____ → 10 – 2 = ____

9 + 4 = ____

Singabuye sikukhombise kanje:

(9 + 1) + 3 = ____ → ____

14 – 5 = ____

Singabuye sikukhombise kanje:

(–) – 1 = ____ → 10 – 1 = ____

Ukubuyekeza:

Zijwayeze ukubhala igama lenombolo.

10 — ishumi

Teacher:
Sign:
Date:

Ubude



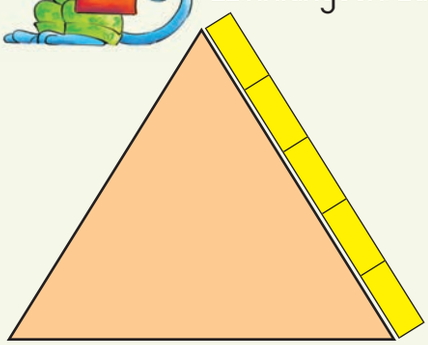
Buka isithombe bese uphendula imibuzo.

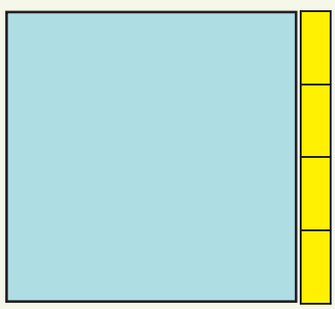
uJabu	uPhumi	uNomsa	uKheni
			

Ngubani omude kunabo bonke?	Ngubani umfana omfushane kunabo bonke?
Ngubani omfushane kunabo bonke?	Ngubani oyintombazana ende kunabo bonke?



Izinhlangothi zalezi zimo zingamabhulokhi amangaki ubude?









Buyini ubude kanye nobubanzi betafula uma silikala ngamabhulokhi nangamapensela?



Libanzi ngamabhulokhi a-____.

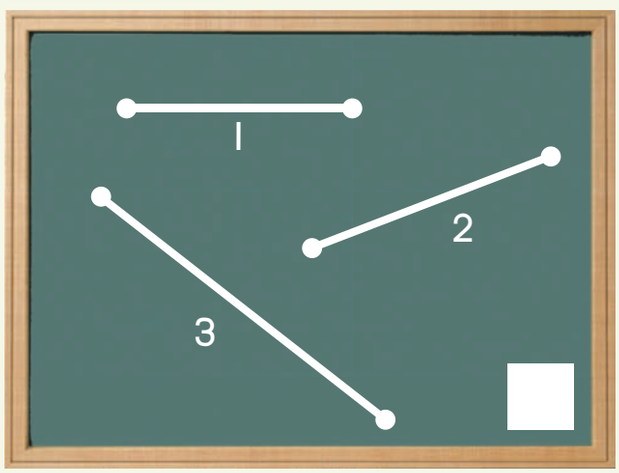
Lide ngamabhulokhi a-____.



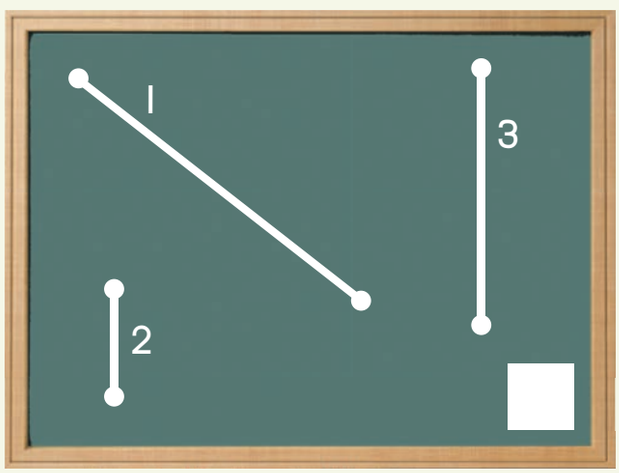
Libanzi ngamapensele a-____.

Lide ngamapensele a-____.

Yimuphi umugqa omfushane kunayo yonke?
Umugqa woku-1, wesi-2 noma wesi-3?



Yimuphi umugqa omude kunayo yonke?
Umugqa woku-1, wesi-2 noma wesi-3?



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Usuku:

Imali noshintshi

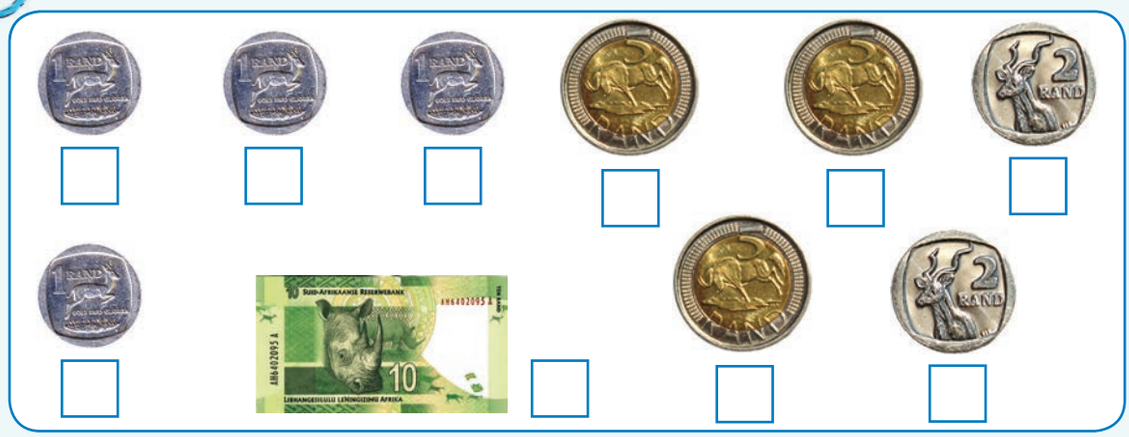
Beka uphawu lokuthikha enanini eliphakeme kunawo wonke emgqeni.



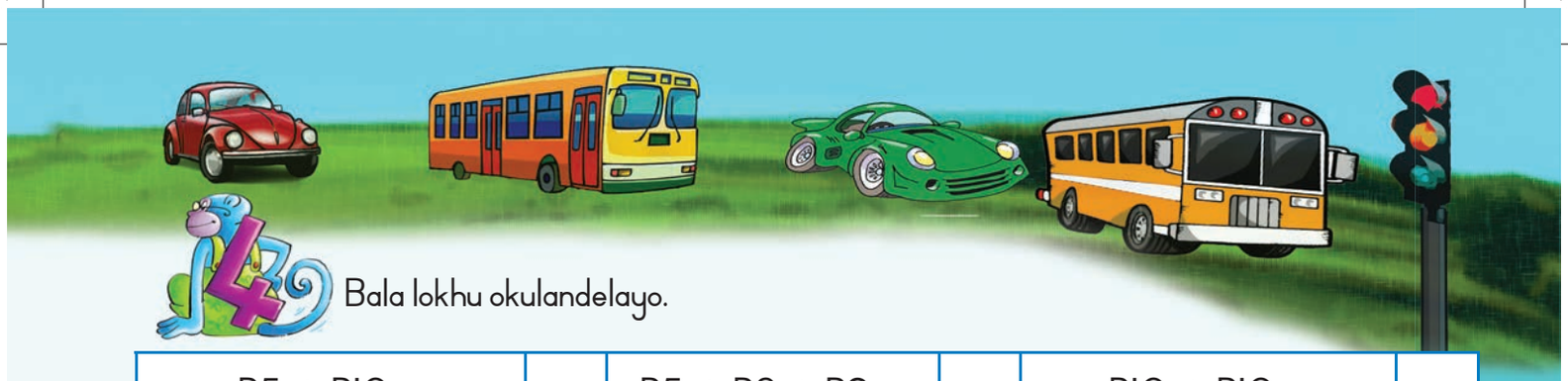
Beka uphawu lokuthikha ezinhlamvini zemali ezakha ama-R10.



Beka uphawu lokuthikha ezinhlamvini zemali ezakha ama-R20.



0 1 2 3 4 5 6 7 8 9 10



Bala lokhu okulandelayo.

R5 + RIO =		R5 + R2 + R8 =		RIO + RIO =	
R3 + RIO + R2 + R2 =		R5 + R7 + RI + R5 =		RIO + RI + R5 + R2 =	

Xazulula lokhu okulandelayo:

Nginohlamvu lwama-R2 kanye nolwama-R5. Umngani wami unezinhlamvu zama-R2 ezintathu. Ngubani onemali eningi kunomunye?

Nginohlamvu lwama-R5 kanye nolwe-RI. Umngani wami unezinhlamvu zama-R5 ezintathu. Ngubani onemali eningi kunomunye?

Nginama-RI5:

Ngikhokha	Ushintshi
R4 + R 7 = RII	R4
R6 + R 9 =	
R8 + R3 =	
R2 + RII =	
R3 + R8 =	
R6 + R8 =	
RO + R2 =	
R2 + R2 =	
R4 + R2 =	
R6 + R2 =	

Bala lokhu okulandelayo:

Nginama-RI5. Ngithenga iphakethe lamashipsi ngama-R6. Ngisele namalini?

Yinciphise ngama-R2.

RII		R4	
RI2		R6	
RIO		R8	

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Usuku:

Imali noshintshi

Dweba izinhlamvu zemali ezifinyelela:

RII	
RI2	
RI3	
RI4	

Beka uphawu lokuthikha bese ugcwalisa impendulo efanele.

RI8 – R8 = | RIO





RI2 – R2 = |





RI5 – R4 = |





RI4 – R7 = |





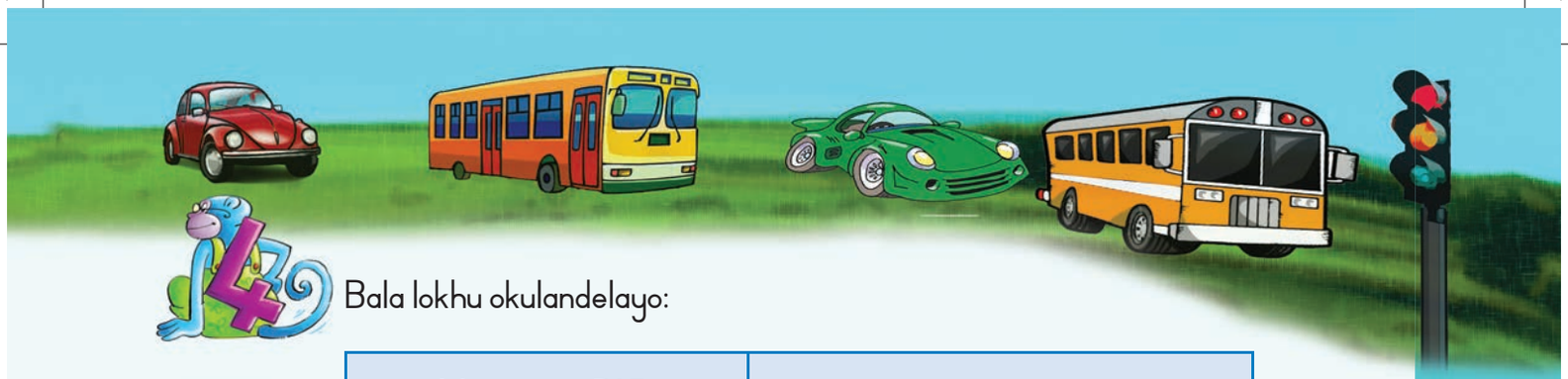
Bala lokhu okulandelayo:

RI5 – RIO =	
RIO – RI – RI – R2 =	

R20 – R2 – R8 =	
R5 – R4 =	

R20 – R5 =	
RIO – RI – R5 – R2 =	





4 Bala lokhu okulandelayo:

Nginama-R15. Ngithenga ngama-:	Ngisele namalini?
R2 kanye R4 =	R9
R8 kanye R4 =	
R12 kanye R2 =	
R5 kanye R5 =	
R8 kanye R7 =	
R10 kanye R2 =	
R8 kanye R2 =	
R6 kanye R2 =	
R4 kanye R2 =	
R2 kanye R2 =	
R9 kanye R6 =	
R10 kanye R2 =	

5 Nginama-R15. Ngithenge iphakethe lamaswidi ngama-R11.
Yenza umdwebo ukhombise ukuthi malini engisele nayo.



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

77

Usuku:

Imali: Ukuhlanganisa nokususa

Bala lokhu okulandelayo:

R10 + R2 =		R10 + R5 =		R10 + R1 =	
R10 + R4 =		R10 + R7 =		R10 + R6 =	
R9 + R5 =		R8 + R4 =		R7 + R6 =	
R12 + R5 =		R14 + R2 =		R11 + R6 =	

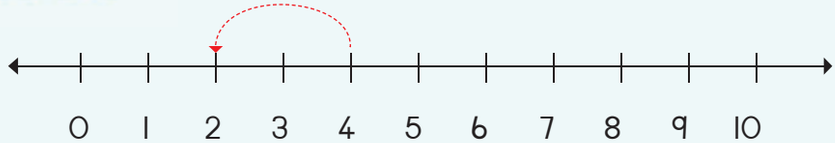
Bala lokhu okulandelayo:

R10 − R7 =		R10 − R2 =		R10 − R5 =	
R15 − R1 =		R15 − R15 =		R15 − R2 =	
R12 − R2 =		R14 − R7 =		R16 − R6 =	
R15 − R6 =		R12 − R9 =		R14 − R4 =	

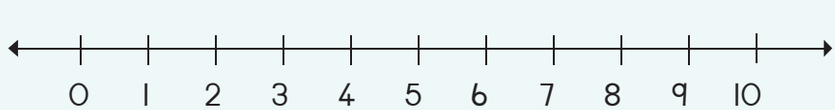
Siza isicabucabu siqedele zonke izibalo.

R16	−R4	
R14		
R10		
R12		

Nciphisa ngama-R2.



R4 − R2 =



R7 − R2 =

0 1 2 3 4 5 6 7 8 9 10



Siza isicabucabu senze izibalo zokususa.

R7	−R2	
R5		
R2		
R9		

Xazulula lokhu okulandelayo.

Bewunama-R12. Umama wakho wakupha ama-R5. Unamalini manje?

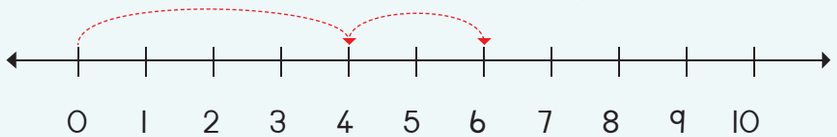
Unama-R19. Uthenga uswidi ngama-R8. Usele namalini?

Ingakanani imali engiyongile?

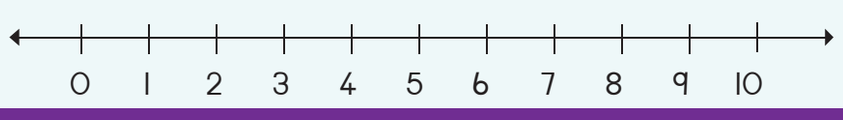


Khombisa isibalo ngomugqa wezinombolo bese uthola impendulo.

R4 + R2 =



R8 + R2 =



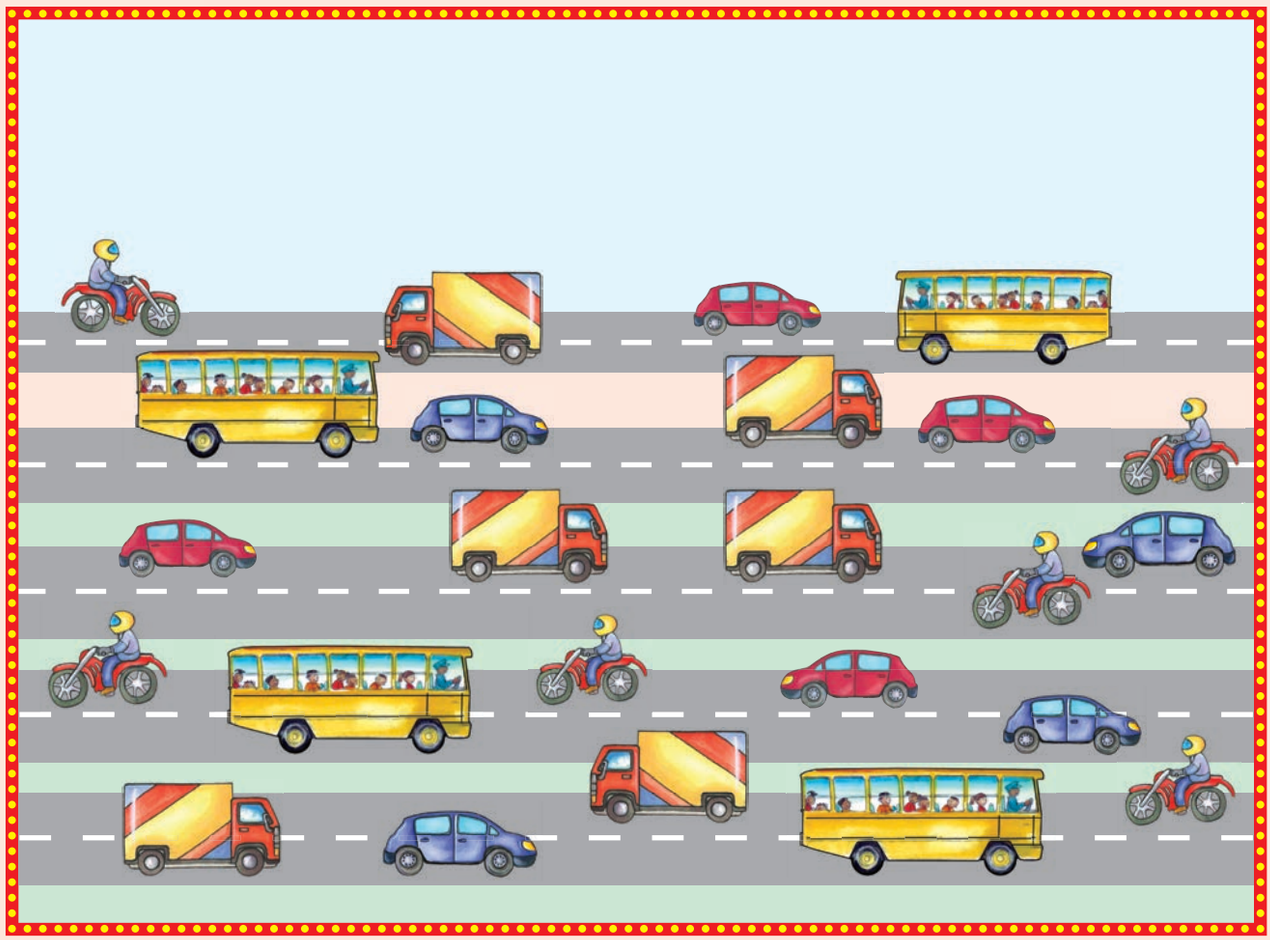
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Usuku:

Imininingwane

Bala uthole inani lohlobo oluthile lwezimoto ozibonayo.













Bala izimo bese ufaka umbala eshadini elingezansi ukukhombisa ukuthi zingaki izimoto zohlobo ngalunye.
Manje phendula imibuzo.



5						
4						
3						
2						
1						
	▲	●	■	♥	★	⬮

_____ yizo eziningi kunazo zonke.

_____ zimbalwa kunazo zonke.

Teacher:
Sign:
Date:

Usuku:

Imininingwane nesikhathi

Ithemu 3

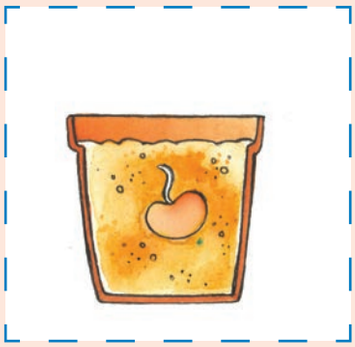
Khuluma ngalezi zithombe bese uzibeka ngokulandelana kokwenzekayo.



1



2

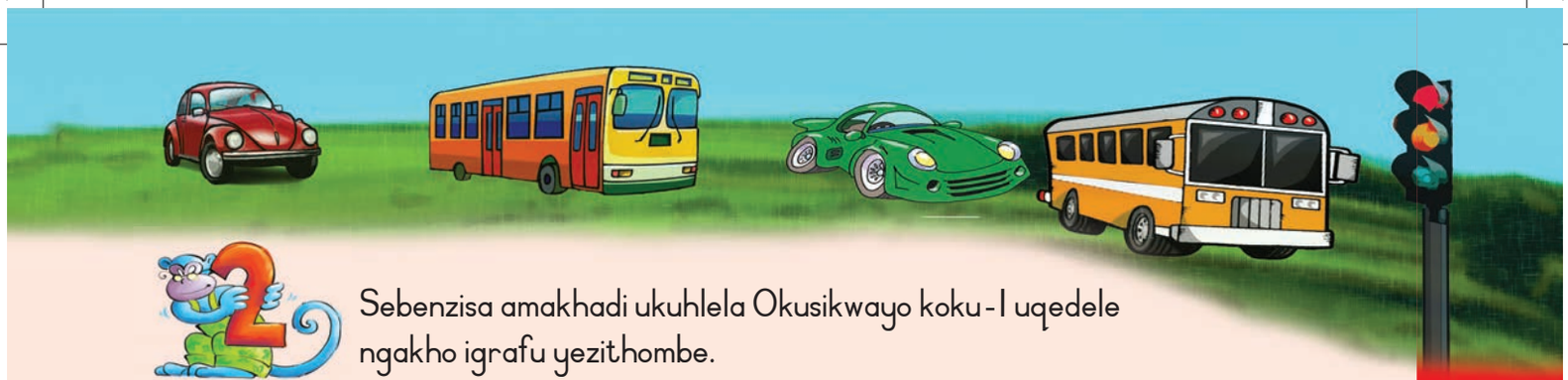


3

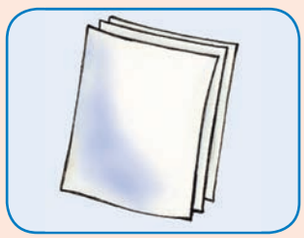


4

0 1 2 3 4 5 6 7 8 9 10



Sebenzisa amakhadi ukuhlela Okusikwayo koku-1 uqedele ngakho igrafu yezithombe.



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

80

Usuku:

Amaqoqo okungakuhlanu kufinyelele e-15

Ukubuyekeza:

Zijwayeze ukubhala igama lenombolo.

5 isihlanu



Buka isithombe bese uphendula umbuzo.





Buka isithombe.
Kopisha lapha.

Mangaki amaqoqo okungaku-5 okwazi ukuwenza?

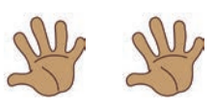
Kopisha lapha.



Iqoqo eli-1 loku-5 ngoku-5



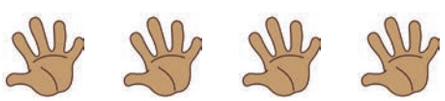
Bala iminwe bese ugcwalisa impendulo.



5 + 5 =



5 + 5 + 5 =



5 + 5 + 5 + 5 =

Amaqoqo ama-2 okuhlanu yi-10

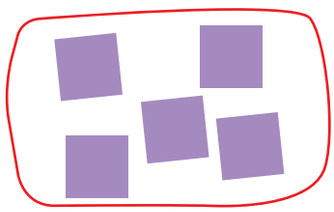
0 1 2 3 4 5 6 7 8 9 10

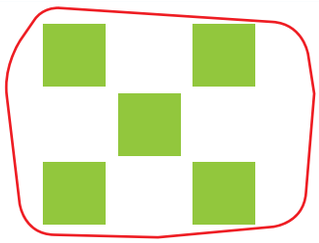


Dweba iziyingi uzungeze lokhu okulandelayo:

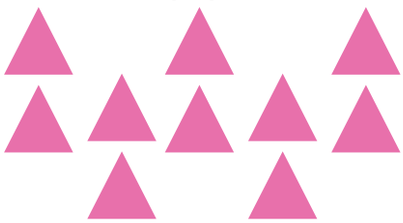
Bhala imisho yezinombolo yalokhu okulandelayo.

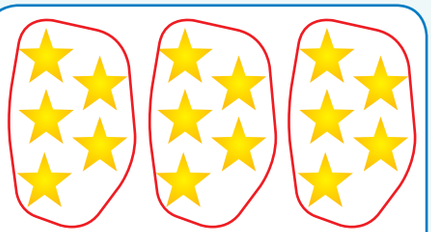
Iqoqo eli-1 loku-5



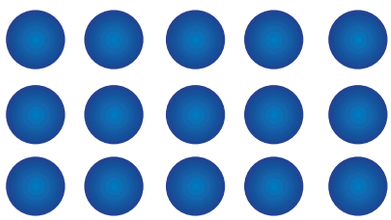


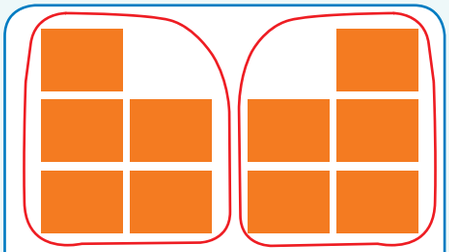
2 amaqoqo oku-5





3 amaqoqo oku-5





Mangaki amaqoqo okuhlanu ongawenza ngalokhu?

10	noku-	0		amaqoqo
8	noku-	2		amaqoqo
6	noku-	4		amaqoqo
4	noku-	1		amaqoqo
2	noku-	3		amaqoqo

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



Okuhlanu: ukuhlanganisa okuphindekayo okufinyelela e-15

Ukubuyekeza:

Ukubuyekeza: Gcwalisa izinombolo ezingekho.





Zingaki izinzwane noma iminwe?
Bhala umusho wezinombolo walokhu.







Dweba:

Iqoqo likabhanana omhlanu.

Amaqoqo amabili anezimbali ezinhlanu ngalinye.



Dweba izimo zalokhu okulandelayo.

5 + 5 = 10

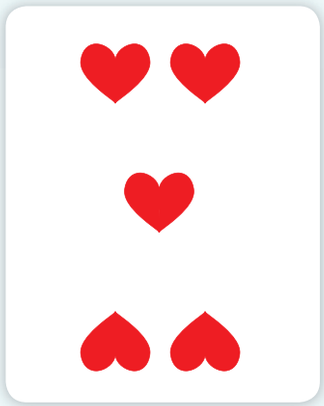
5 + 5 + 5 =

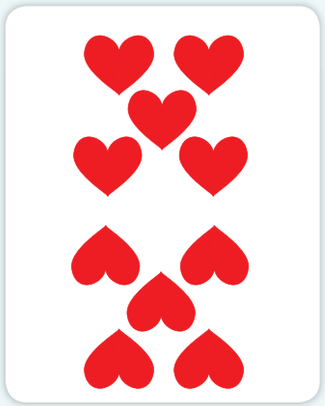




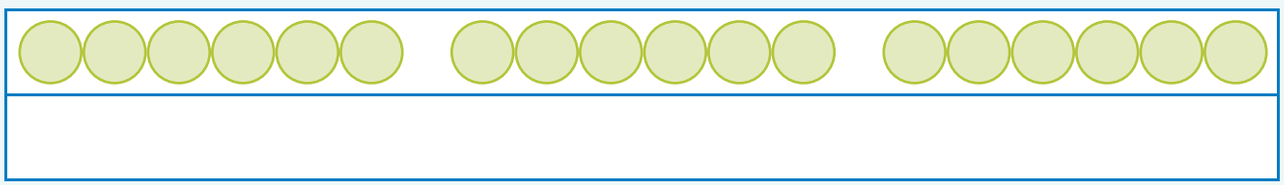


Kokelezela bese ubala ukuthi mangaki amaqoqo anokuhlanu ongawenza ngekhadi ngalinye.





Bhala umusho wezinombolo ngalokhu:



Sebenzisa imibala ehlukene ukukhombisa izinombolo ozokwenza amaqoqo anokungakuhlanu ngazo.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15					

Mangaki amaqoqo anokungakuhlanu ongawenza?

1	noku-	14	kwenza		amaqoqo
13	noku-	2	kwenza		amaqoqo
8	noku-	2	kwenza		amaqoqo
7	noku-	8	kwenza		amaqoqo
9	noku-	2	kwenza		amaqoqo

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



Usuku:

Okungakuhlanu okufinyelela e-15

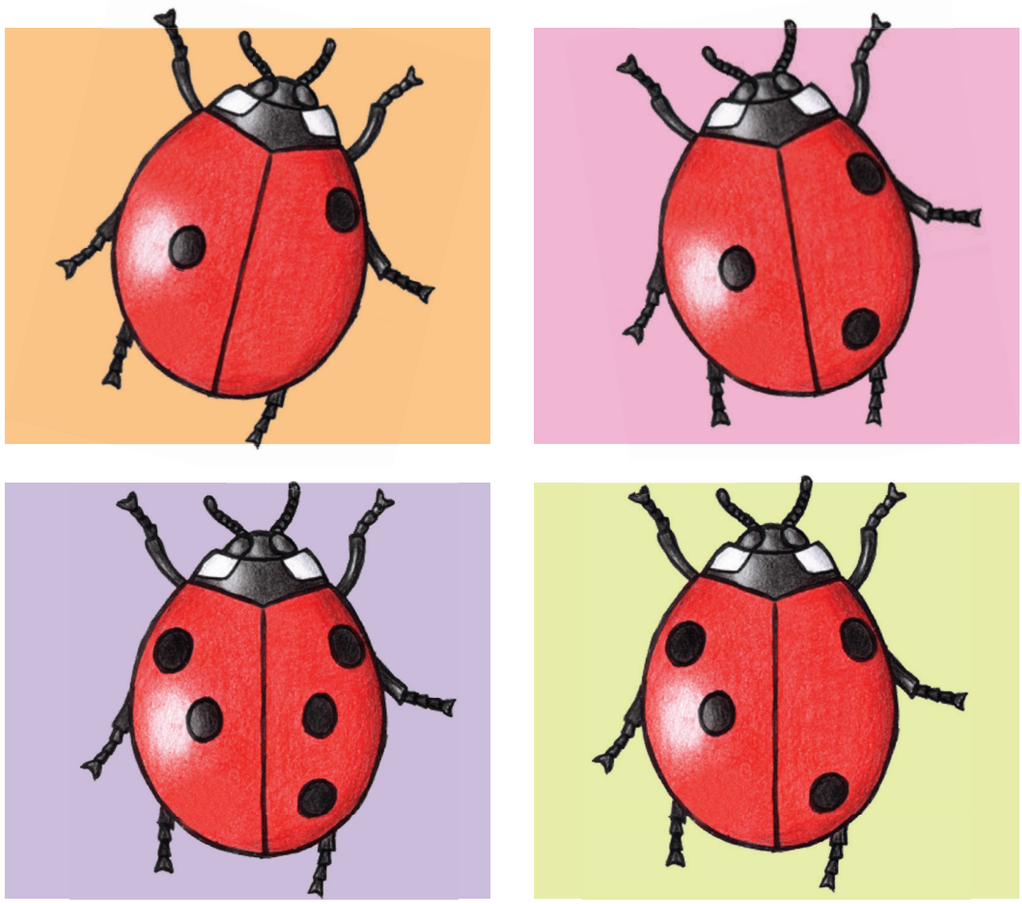


Gcwalisa izinombolo ezingekho.

1		3		5		7	8	9	
11	12								



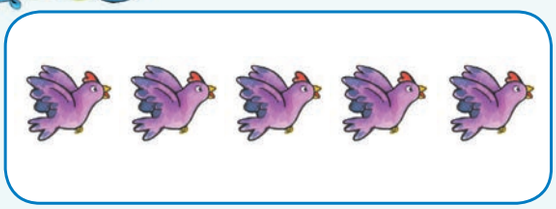
Yenza amaqoqo okungakuhlanu. Ibhungezi ngalinye kumele libe namaqoqo anokungakuhlanu kwamachashazi amnyama ephikweni ngalinye.
Dweba amachashazi angekho.

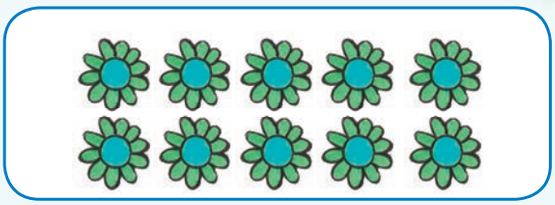


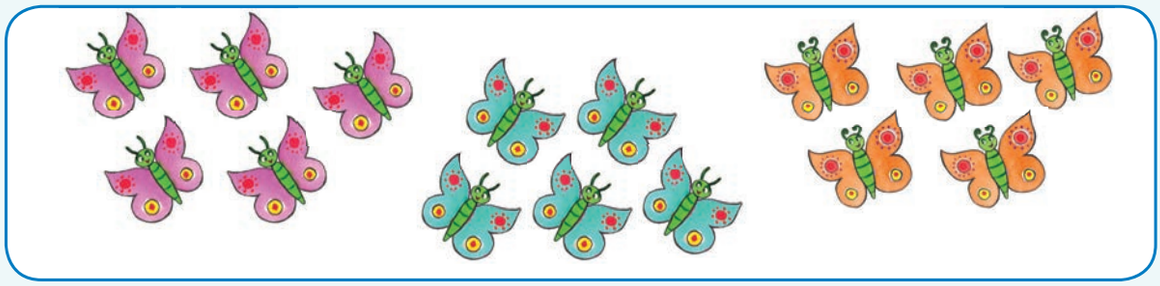




3 Bhala umusho wezinombolo walokhu ngakunye.







4 Bala lokhu okulandelayo:

0 + 5 = ☐

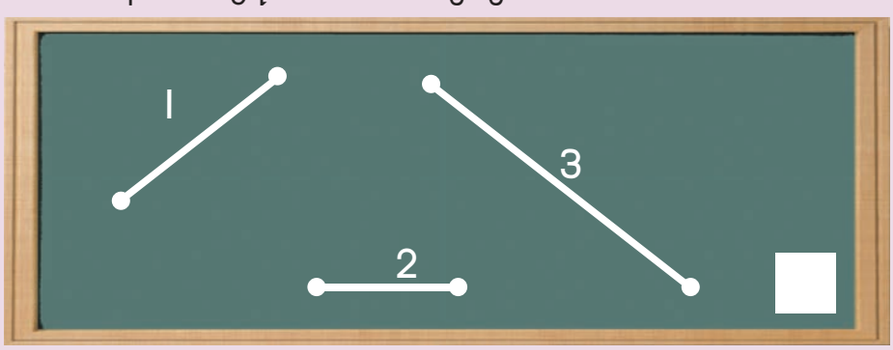
5 + 5 = ☐

5 + 5 + 5 = ☐

5 + 5 + 5 + 5 = ☐

Ukubuyekeza:

Ukubuyekeza: Yimuphi umugqa omude kunayo yonke?



Teacher:
Sign:
Date:



Usuku:

Amaphethini ezinombolo anokungakuhlanu okufinyelela ema-50

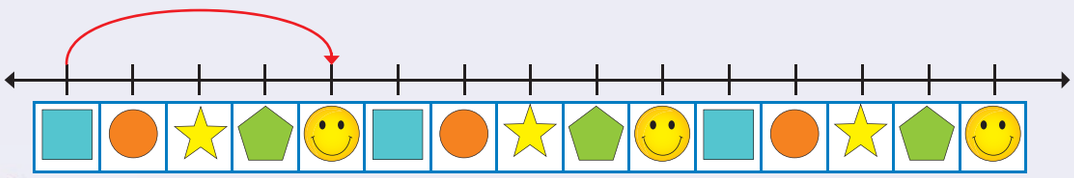


Qedela iphethini lokungakuhlanu ngokufaka imibala ezinombolweni.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

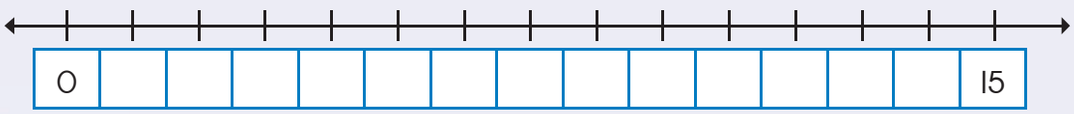


Dweba amahuphu ukukhombisa amaqoqo okungakuhlanu.





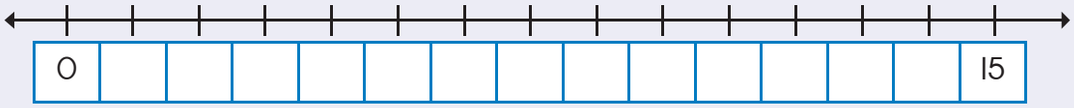
Gcwalisa ngezinombolo ezingekho bese udweba amahuphu ukukhombisa amaqoqo okungakuhlanu.





Qedela umugqa wezinombolo. Dweba amahuphu ukukhombisa amaqoqo okungakuhlanu.

Kunamaqoqo ____ anokungakuhlanu.







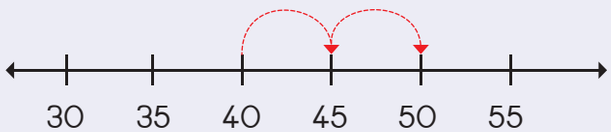
Sika izinombolo ezingekho Kokusikwayo kwesi-2 uzibeke emgqeni wezinombolo.

	31	32	33	34		36	37	38	39	

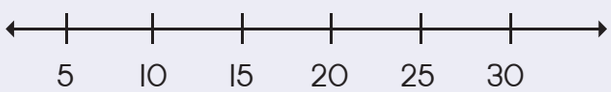
	41	42	43	44		46	47	48	49	

Dweba amahuphu ukukhombisa okulandelayo:

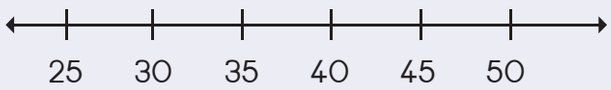
40, 45, 50



10, 15, 20



25, 30, 35



Teacher:
Sign:
Date:



Usuku:

Amaphethini ezinombolo zokungakuhlanu okufinyelela ema-80

1 Mangaki amaqoqo okungakuhlanu owabona esithombeni?



2 Qedela lezi zithombe ukukhombisa amaqoqo anokungakuhlanu.





0 1 2 3 4 5 6 7 8 9 10



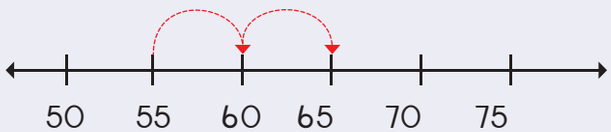
Sika izinombolo ezingekho kokusikwayo kwesi-2 uzibeke emgqeni wezinombolo.

	61	62	63	64		66	67	68	69	

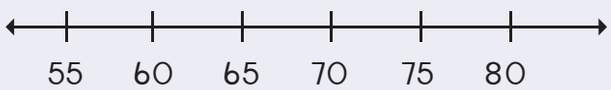
	71	72	73	74		76	77	78	79	

Dweba ihuphu ukukhombisa lokhu okulandelayo:

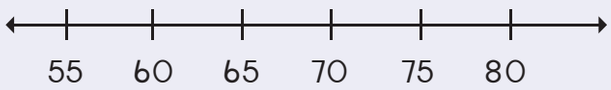
55, 60, 65



65, 70, 75



70, 75, 80



Teacher:
Sign:
Date:



Usuku:

Phinda kabili

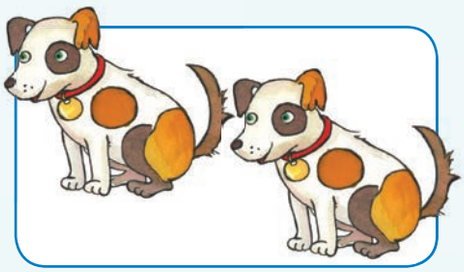
Ithemu 3



Phinda kabili lezi zinto bese ugcwalisa impendulo.

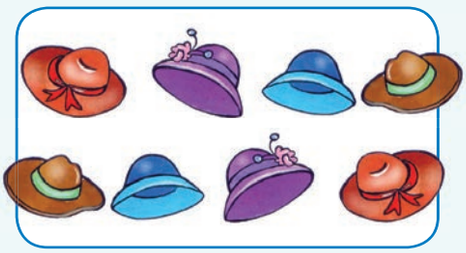


phinda kabili oku-1 ☐





phinda kabili oku-4 ☐



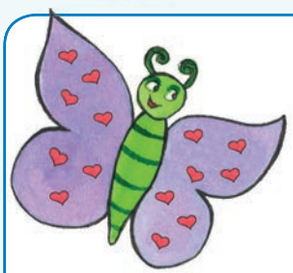


phinda kabili oku-5 ☐





Bala izimo ezisemaphikweni ovemvane.
Qedela imisho yezinombolo zokuphinda kabili.



7 + 7 =

noma

phinda kabili okuyi-7 =



5 + 5 =

noma

phinda kabili oku-5 =

2 + 2 =

noma

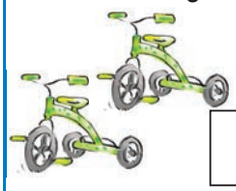
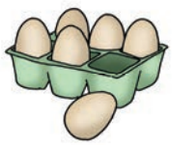
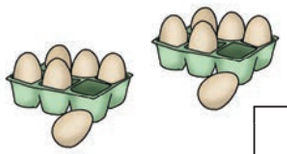
phinda kabili oku-2 =





Sithi okuyi-6 okuphindwe kabili kuba ngokuyi-12. Kungakanani okuwuhhafu wokuyi-12? _____

Qedela lokhu okulandelayo:

Mangaki amasondo owabonayo?	Mangaki amasondo owabona manje?	Mangaki amaqanda asekhathonini?	Mangaki amaqanda manje?
			

Bala amachashazi bese uwaphinda kabili.

1	phinda kabili →		2
2	phinda kabili →		
3	phinda kabili →		
4	phinda kabili →		
5	phinda kabili →		

Phinda kabili lezi zinombolo.

4	phinda kabili →	8
5	phinda kabili →	
6	phinda kabili →	
3	phinda kabili →	
2	phinda kabili →	
10	phinda kabili →	

Qedela lokhu okulandelayo:

Zingaki izinsuku esontweni?

S	M	T	W	T	F	S

Zingaki izinsuku emasontweni amabili?

S	M	T	W	T	F	S	S	M	T	W	T	F	S

Sithi phinda kabili okuyi-7 kube ngokuyi-14. Kuzoba yini uhhafu wokuyi-14?

Zingaki iznyawo ozibonayo?



Zingaki izinyawo ozibona manje?



Sithi phinda kabili oku-2 ngoku-4. Kuzoba yini uhhafu woku-4?

Qedela lokhu okulandelayo:

2 + 2 + 1 =	5	noma	phinda kabili 2 + 1 = 5
4 + 4 + 1 =		noma	
7 + 7 + 1 =		noma	

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

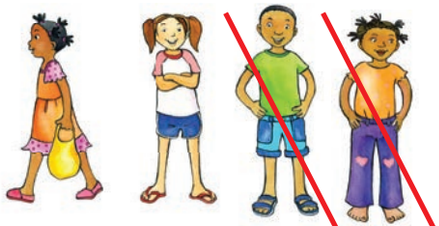


86

Usuku: _____

Ohhafu

1 Hlikihla uhhafu wabantwana bese ubhala impendulo.



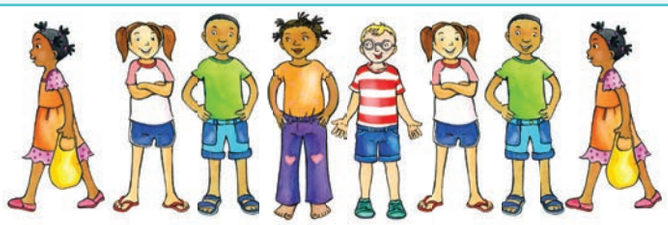
Uhhafu woku-4 ngoku- ___



Uhhafu wokuyi-6 ngoku- _____



Uhhafu woku-2 ngoku- ___



Uhhafu wokuyi-8 ngoku- _____

2 Hlikihla uhhafu bese ugcwalisa impendulo.



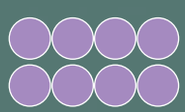
Uhhafu woku-2 =



Uhhafu woku-4 =



Uhhafu wokuyi-6 =

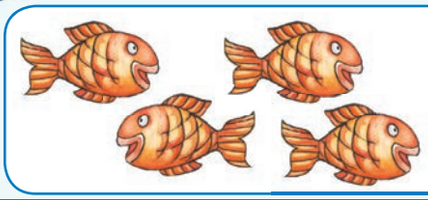


Uhhafu wokuyi-8 =

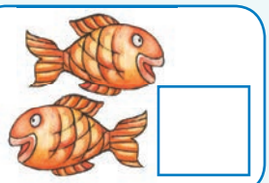


Uhhafu wokuyi-10 =

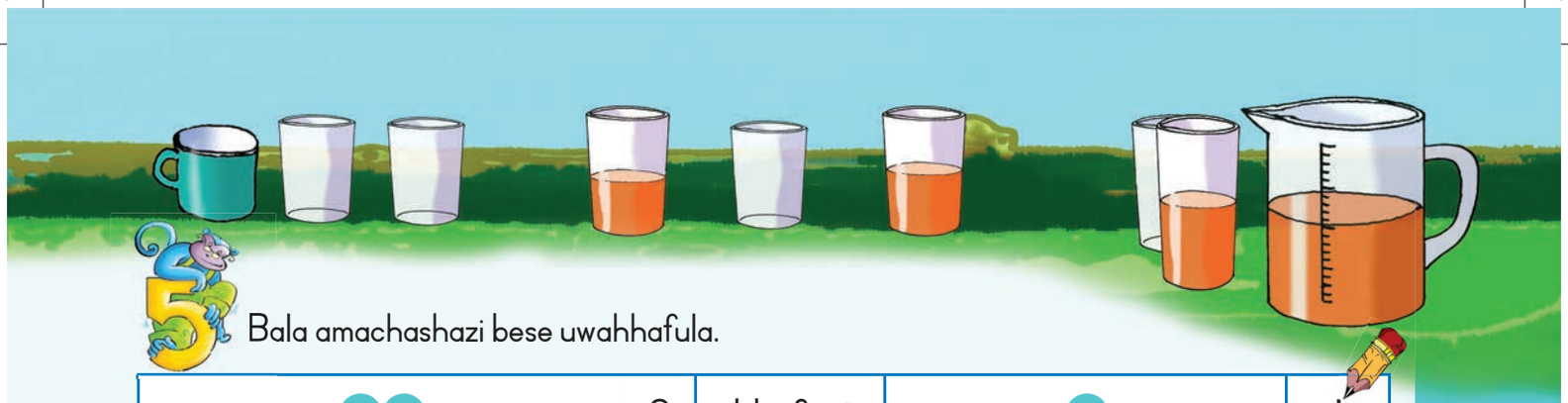
3 Zingaki izinhlanzi?



4 Uhhafu wezinhlanzi uyizinhlanzi ezingaki?



0 1 2 3 4 5 6 7 8 9 10



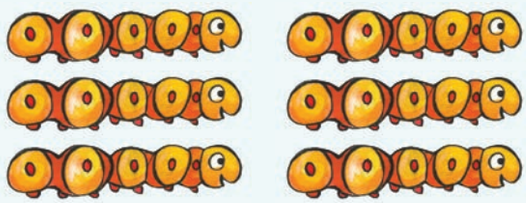
5 Bala amachashazi bese uwahhafula.

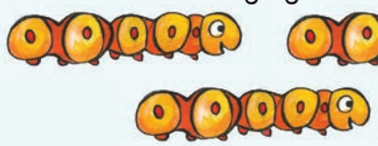
●●	2	uhhafu →	●	1
●●●●	4	uhhafu →	●●	
●●●●●●	6	uhhafu →	●●●	
●●●●●●●●	8	uhhafu →	●●●●	
●●●●●●●●●●	10	uhhafu →	●●●●●	

Hhafula izinombolo.

4	uhhafu →	2
8	uhhafu →	
6	uhhafu →	
10	uhhafu →	
12	uhhafu →	
14	uhhafu →	

7 Mingaki imiswenya?

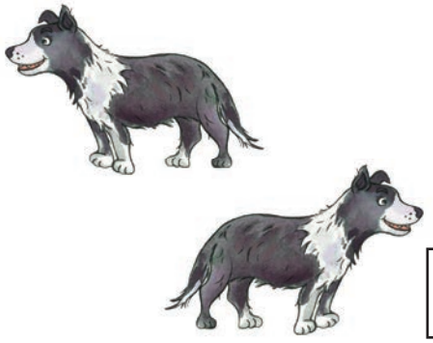




Uhhafu wemiswenya yimiswenya e-:

8 Nikeza impendulo yalokhu okulandelayo:

Mingaki imilenze?



Mingaki imilenze manje?



Sithi uhhafu wokuyi-8 ngoku-

Teacher:
Sign:
Date:

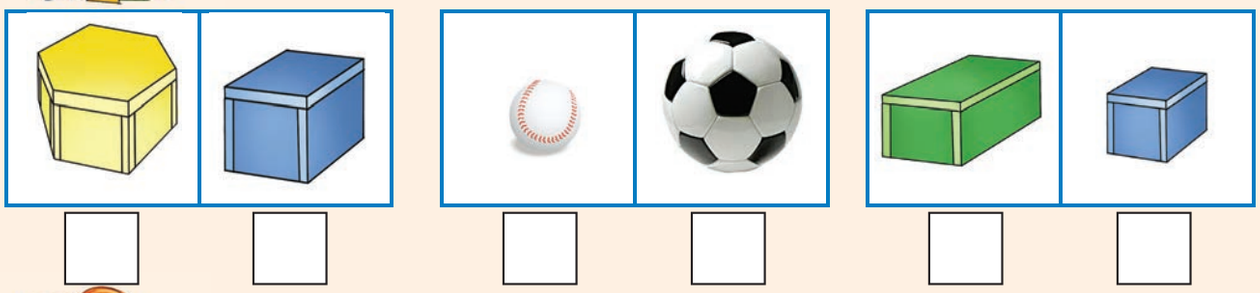
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Usuku:

Izinto eziwonhlangothi-ntathu

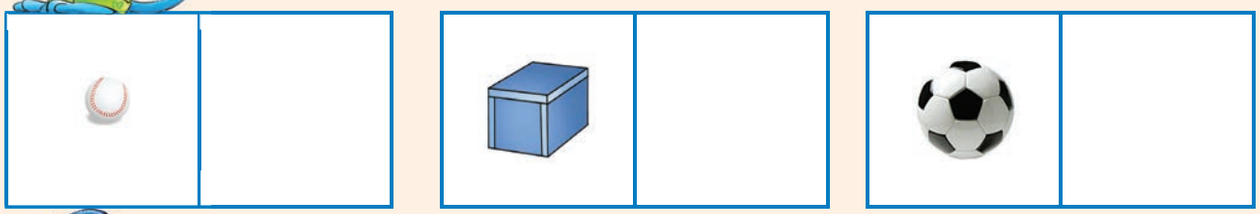


Beka uphawu lokuthikha kokuncane kunakho konke.





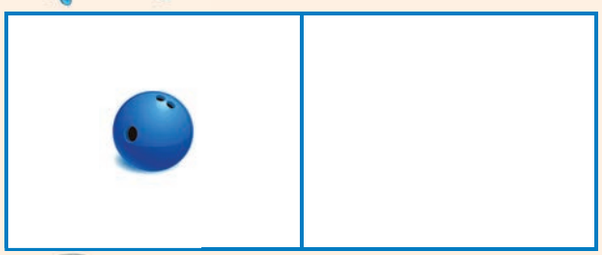
Dweba into enkudlwana kwesokudla sesithombe.





Dweba ibhola elikhudlwana kuneliluhlaza okwesibhakabhaka.

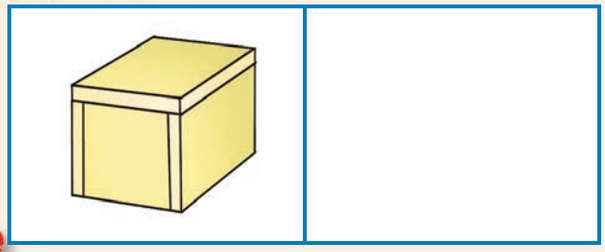
Dweba ibhola elincane kunelimpunga.





Dweba ibhokisi elincane kuneliphuzi.

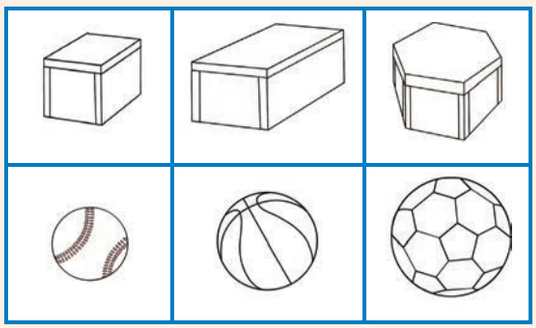
Dweba ibhokisi elikhudlwana kuneliluhlaza okotshani.



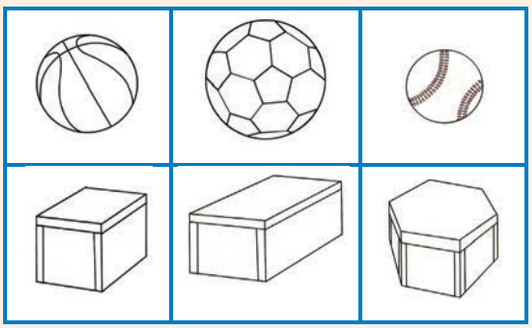
0 1 2 3 4 5 6 7 8 9 10



5 Faka umbala ebhokisini elincane kunawo wonke nombala ophuzi ebholeni elikhulu kunawo wonke.



Faka umbala oluhlaza okwesibhakabhaka ebhokisini elikhulu kunawo wonke nobomvu ebholeni elikhulu kunawo wonke futhi.



6 Ungasenza yini isitezi ngalezi zinto?

Faka umbala kuyebo noma cha.



yebo	cha



yebo	cha



yebo	cha

7 Sika unamathisele izithombe zephephabhuku noma zephephandaba wenze izitezi zakho ezimbili.

Khumbula ukuthi izitezi kumele zikwazi ukuzimela.

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Usuku:

Izinto eziwonhlangothi - ntathu – Ezishibilikayo nezigingqikayo



Ngabe lezi zinto ziyagingqika noma ziyashibilika?
Faka umbala empendulweni efanele.



kuyagingqika	kuyashibilika



kuyagingqika	kuyashibilika



kuyagingqika	kuyashibilika



kuyagingqika	kuyashibilika



Ingenzeka le nto elandelayo?
Faka umbala empendulweni efanele.



yebo	cha



yebo	cha



yebo	cha

0 1 2 3 4 5 6 7 8 9 10



Hlela lezi zinto ezilandelayo ngokuzidweba ebhulokhini elifanele.

	Amabhola	Amabhokisi

Hlela lezi zinto ngokobukhulu bese uzidweba.

	Amabhola amancane	Amabhokisi amancane
	Amabhola amakhulu	Amabhokisi amakhulu

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Usuku:

Amaphethini ejiyomethri

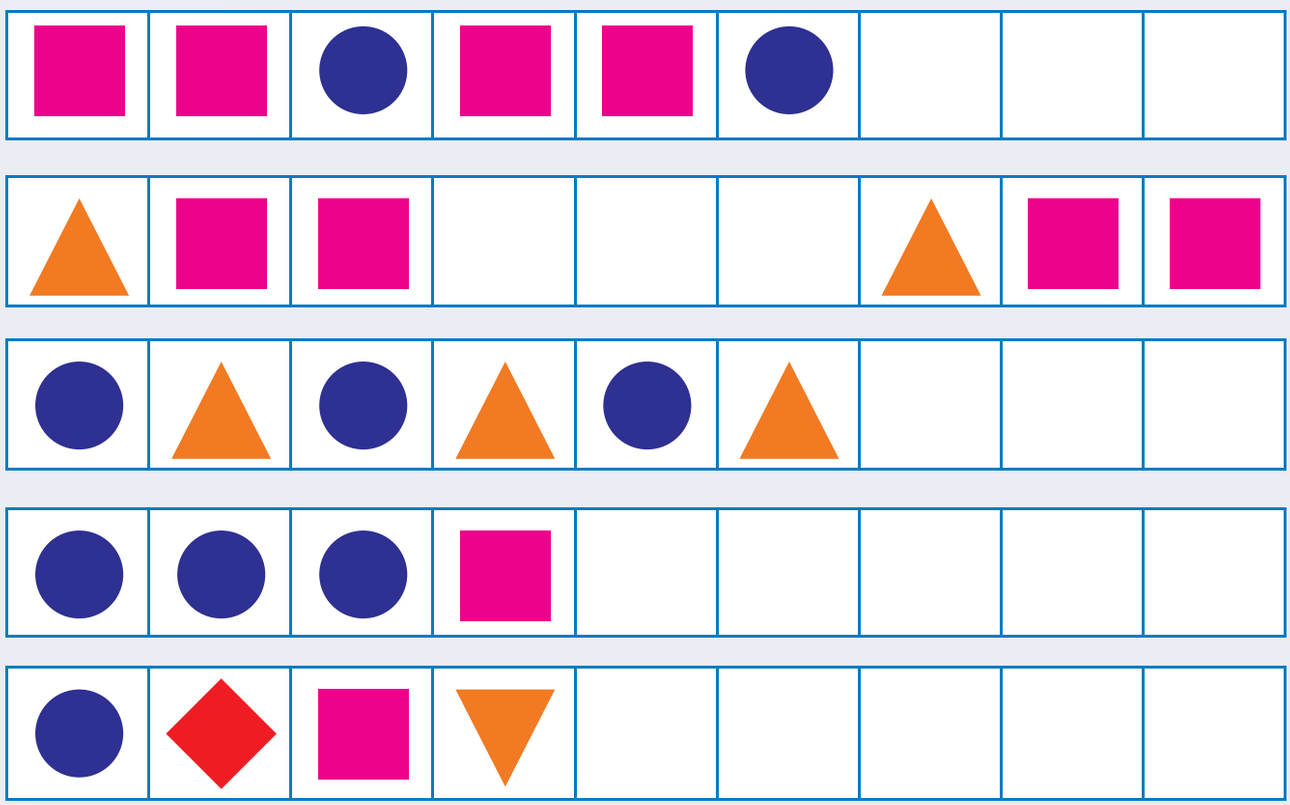
Ukubuyekeza:

Dweba lokhu okulandelayo:

isiyingi	isikwele	unxande



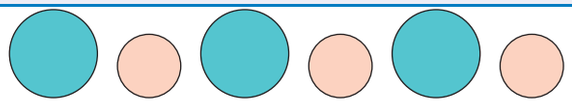
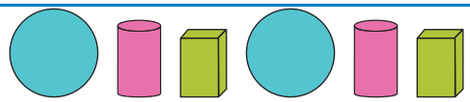
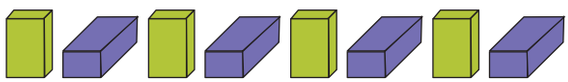
Qedela iphethini.







Dweba indlela okumele iphethini lelileke ngayo.



Dweba iphethini lakho.



Namathisela izithombe wenze elakho iphethini.



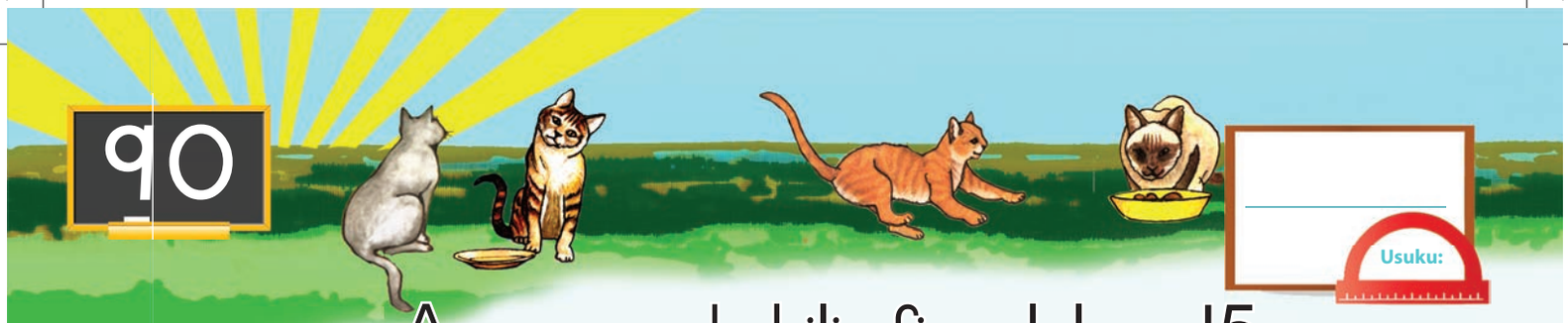
Qedela leli phethini.

A	B	C	A	B	C				A	B	C



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Date:





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Usuku:

Amaqoqo okubili afinyelela e-15



Bhala igama lale nombolo.

2	kubili



Phendula imibuzo.



Mangaki amaphengwini owabonayo? ☐

Mangaki amapheya ezinyawo owabonayo? ☐

Bhala lokhu kube wumusho wezinombolo:

☐



Phendula imibuzo.

Zingaki izincwadi? ☐

Mangaki amaqoqo okungakubili engingawenza? ☐



Wabhale abe wumusho wezinombolo.

☐



Bhala igama lale nombolo.

4	



Bala amaphiko, bese ugcwalisa impendulo.



2 + 2 =

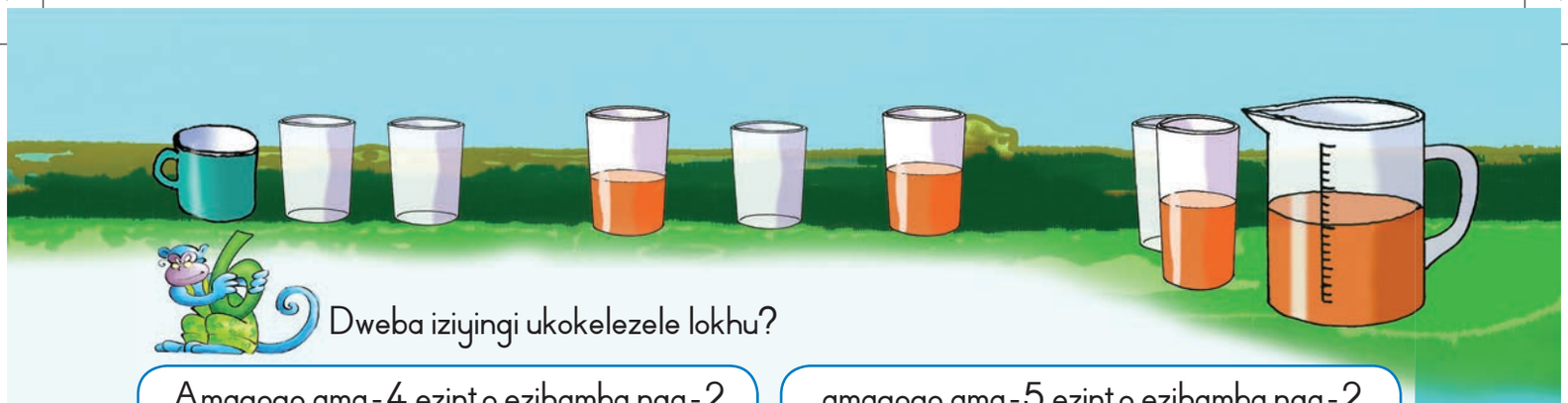


2 + 2 + 2 =



2 + 2 + 2 + 2 =



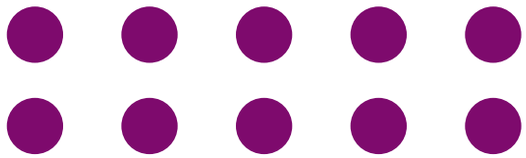


Dweba iziyingi ukokelezele lokhu?

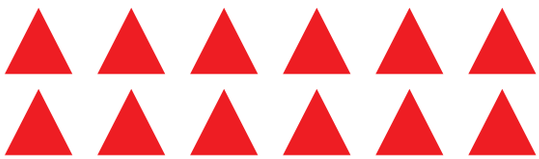
Amaqoqo ama-4 ezinto ezihamba nga-2



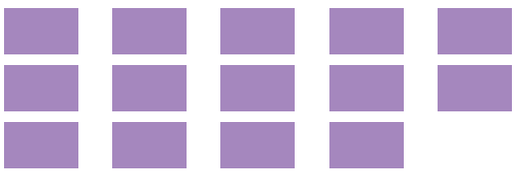
amaqoqo ama-5 ezinto ezihamba nga-2



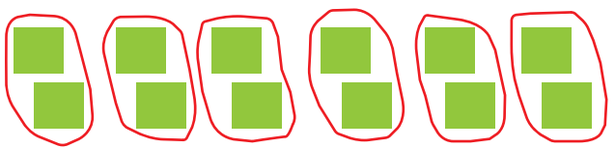
amaqoqo ayi-6 ezinto ezihamba nga-2

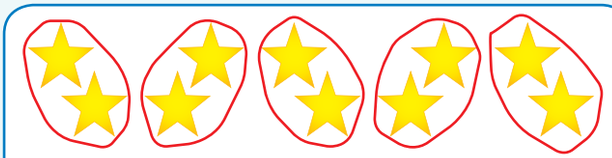


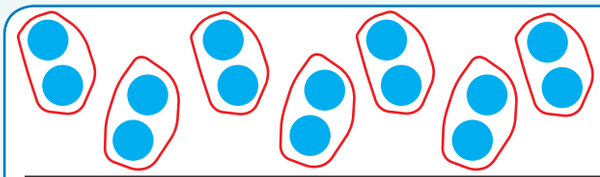
amaqoqo ayi-7 ezinto ezihamba nga-2

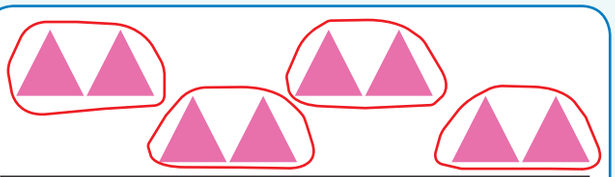


Bhala umusho wezinombolo ngalokhu:









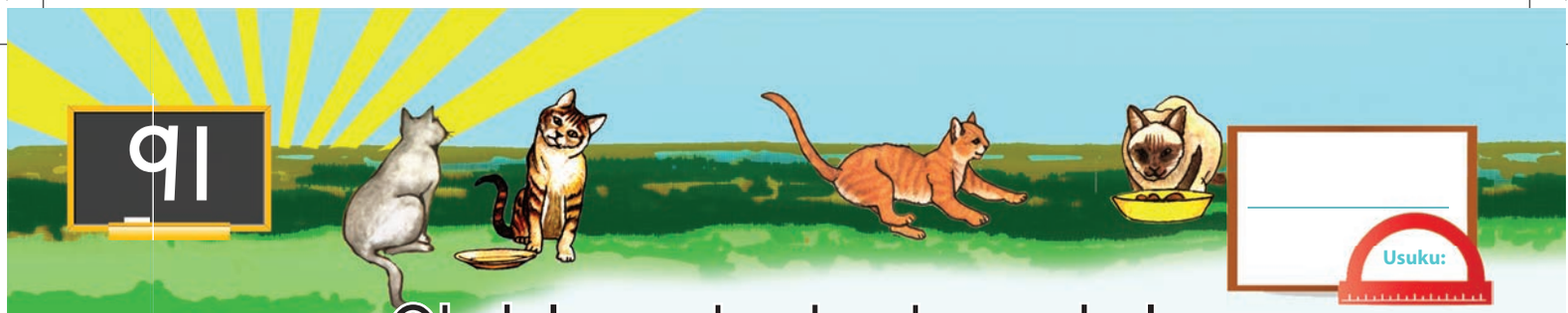
Mangaki amaqoqo okungakubili ongawenza?

i-13 noku-1 kwenza	amaqoqo
i-11 noku-1 kwenza	amaqoqo
i-9 noku-1 kwenza	amaqoqo
i-7 noku-1 kwenza	amaqoqo

i-12 noku-1 kwenza	amaqoqo
i-5 noku-1 kwenza	amaqoqo
oku-1 noku-1 kwenza	amaqoqo
i-10 noku-0 kwenza	amaqoqo

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Usuku:

Okubili uma kuphindwa esibalweni sokuhlanganisa kufinyelela e-15



Mingaki imilenze?



Uyibale kanjani?



Dweba izimo ukukhombisa okulandelayo:

2 + 2 + 2 + 2 + 2 = ☐

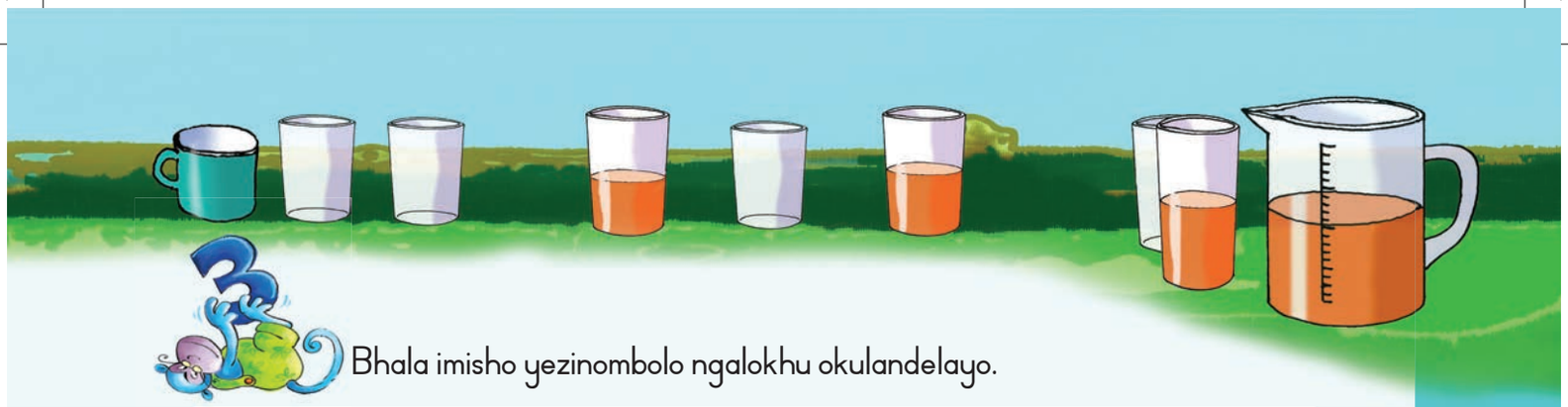


2 + 2 + 2 + 2 + 2 + 2 + 2 = ☐

2 + 2 + 2 + 2 = ☐

2 + 2 + 2 + 2 + 2 + 2 = ☐





Bhala imisho yezinombolo ngalokhu okulandelayo.

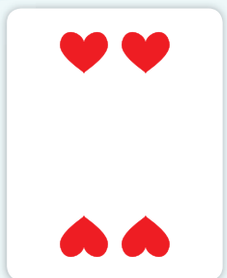
2 + 2 + 2 + 2 + 2 = ☐

☐

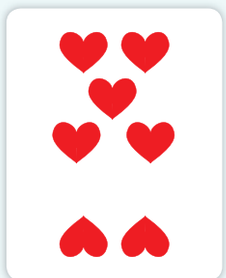
☐

☐

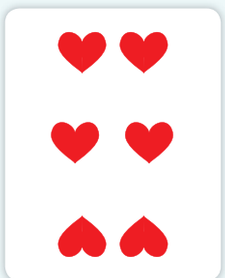
Kokelezela bese ubala amaqoqo anokungakubili ongawenza ekhadini ngalinye.



☐



☐



☐

Qedela leli phethini lezinombolo ozozisebenzisa ukwenza amaqoqo anokungakubili.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15					

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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Usuku:

Okungakubili okufinyelela e-15

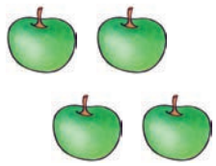


Gcwalisa izinombolo ezingekho.

1		3		5		7		9	
11		13		15					



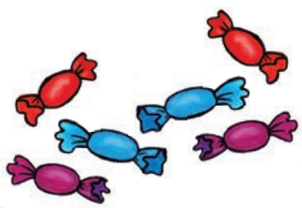
Yenza amaqoqo ezinto ezingambili.
Dweba isiyingi ukokelezele iqoqo elinokungakubili.





Mangaki amaqoqo ama-aphula?

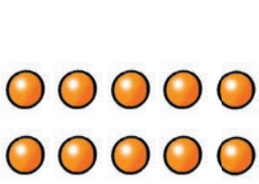
Mangaki ama-aphula azotholwa yingane ngayinye?





Mangaki amaqoqo amaswidi?

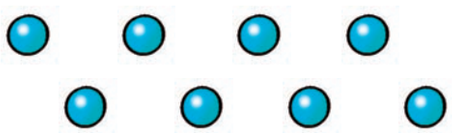
Mangaki amaswidi azotholwa yingane ngayinye?





Mangaki amaqoqo ezimabule?

Zingaki izimabule ezizotholwa yingane ngayinye?





Mangaki amaqoqo ezimabule?

Zingaki izimabule ezizotholwa yingane ngayinye?

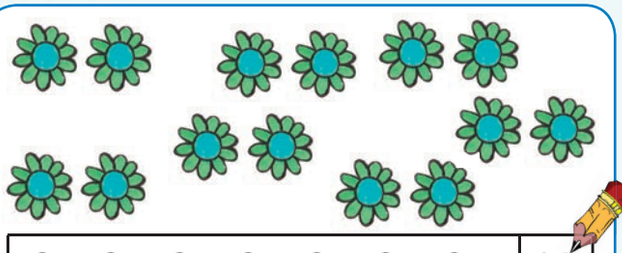
0 1 2 3 4 5 6 7 8 9 10



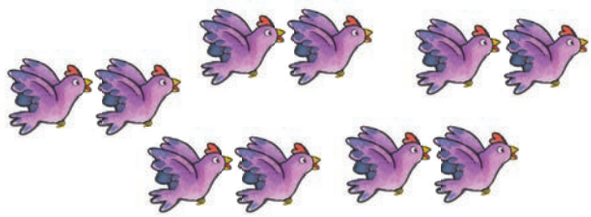
1	2	3	4		6	7	
2	4		8	10		14	16
0	3	6		12		18	21

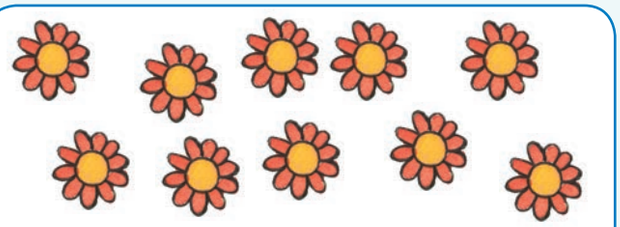
Gcwalisa izinombolo ezingekho.

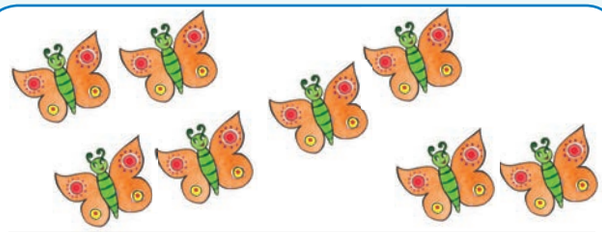
Bhala umusho wezinombolo usebenzisa okungakubili.



2 + 2 + 2 + 2 + 2 + 2 + 2 = 14



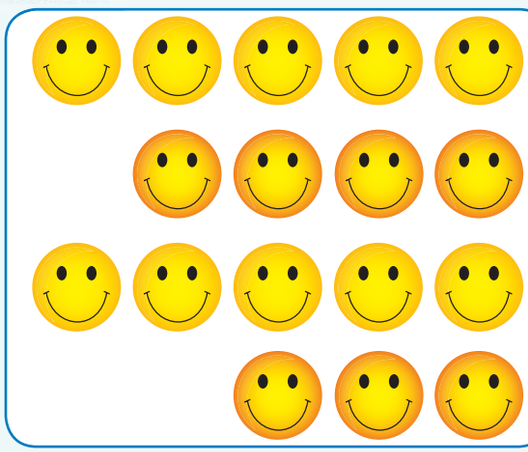




Bala lokhu okulandelayo:

2 + 2 + 2 =	
2 + 2 + 2 + 2 =	
2 + 2 + 2 + 2 + 2 =	
2 + 2 + 2 + 2 + 2 + 2 =	
2 + 2 + 2 + 2 + 2 + 2 + 2 =	

Kokelezela amaqoqo okungakubili emgqeni ngamunye.



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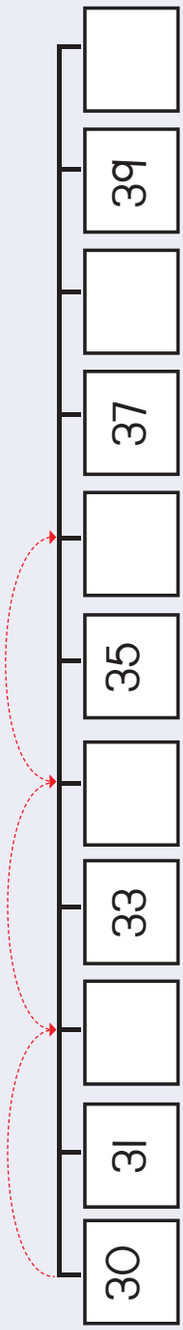


Usuku:

Amaphethini ezinombolo ezi-2 zize zifinyelele ema-50



Sika izinombolo ezingekho kokusikwayo kwesi-2 uzinamathisele emgqeni wezinombolo. Manje qedela amahuphu.





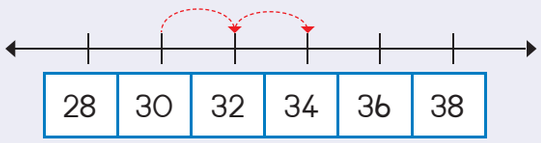
Qedela iphethini ngokufaka umbala ezinombolweni ezifanele.

31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

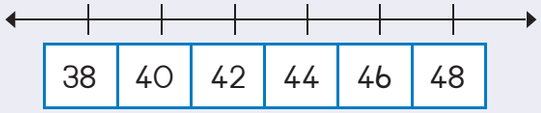


Dweba amahuphu ukukhombisa okulandelayo:

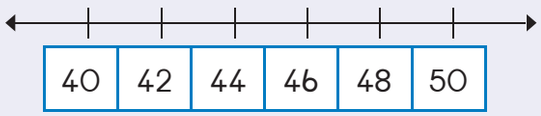
30, 32, 34



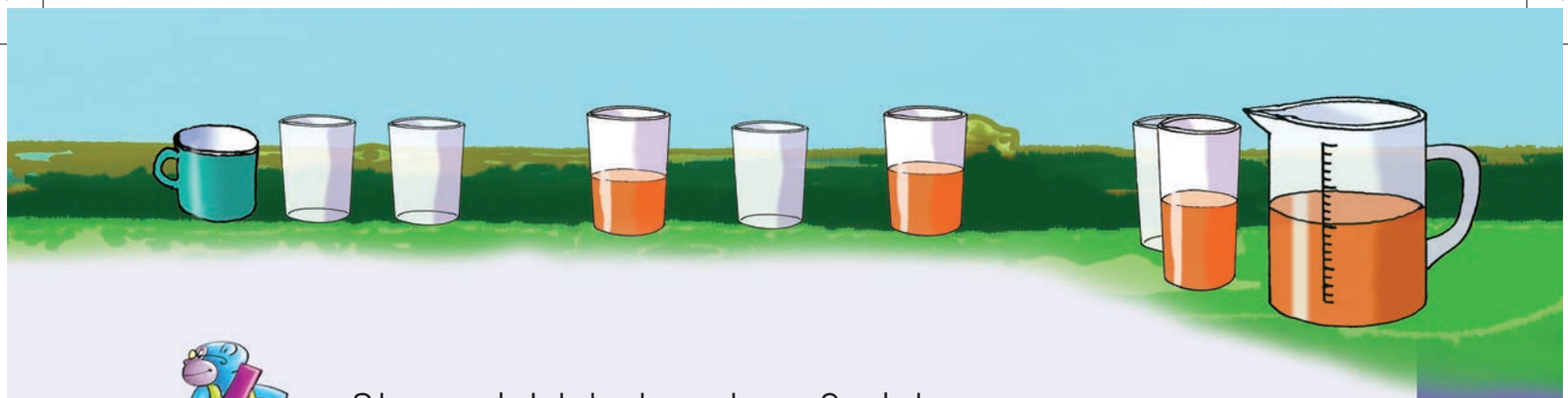
40, 42, 44



46, 48, 50

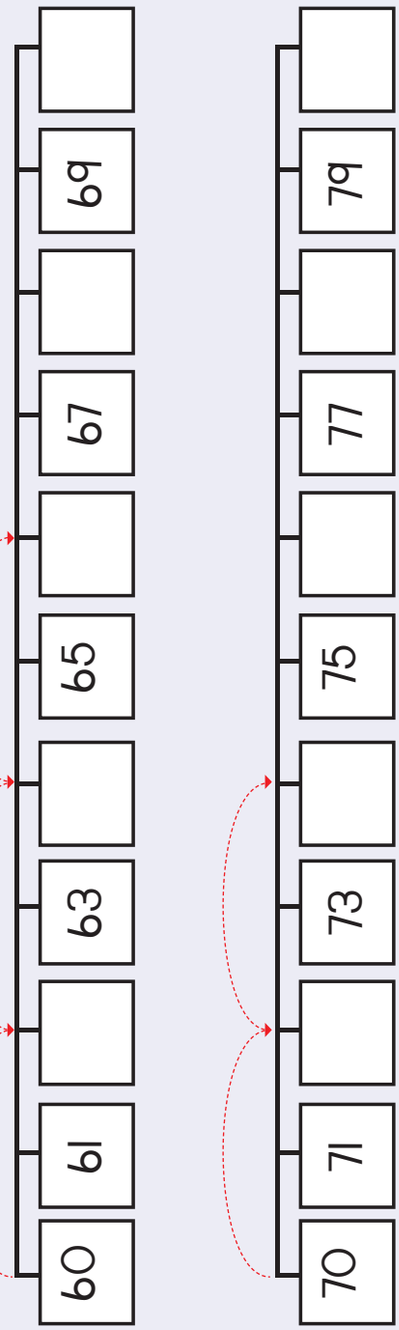








Sika izinombolo kokusikwayo kwesi-2 uzibeke emgqeni wezinombolo. Qedela amahuphu.





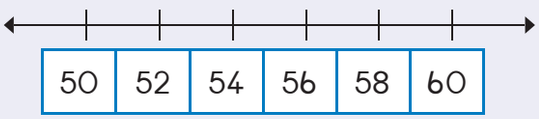
Qedela iphethini ngokufaka umbala ezinombolweni ezifanele.

61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80

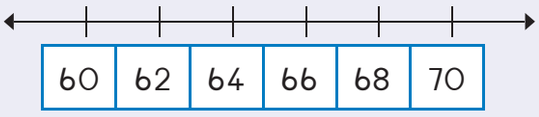


Dweba amahuphu ukukhombisa okulandelayo:

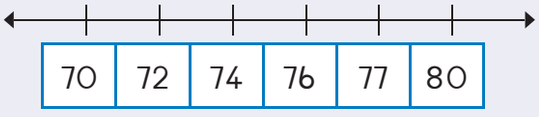
54, 56, 58



64, 66, 68



72, 74, 76





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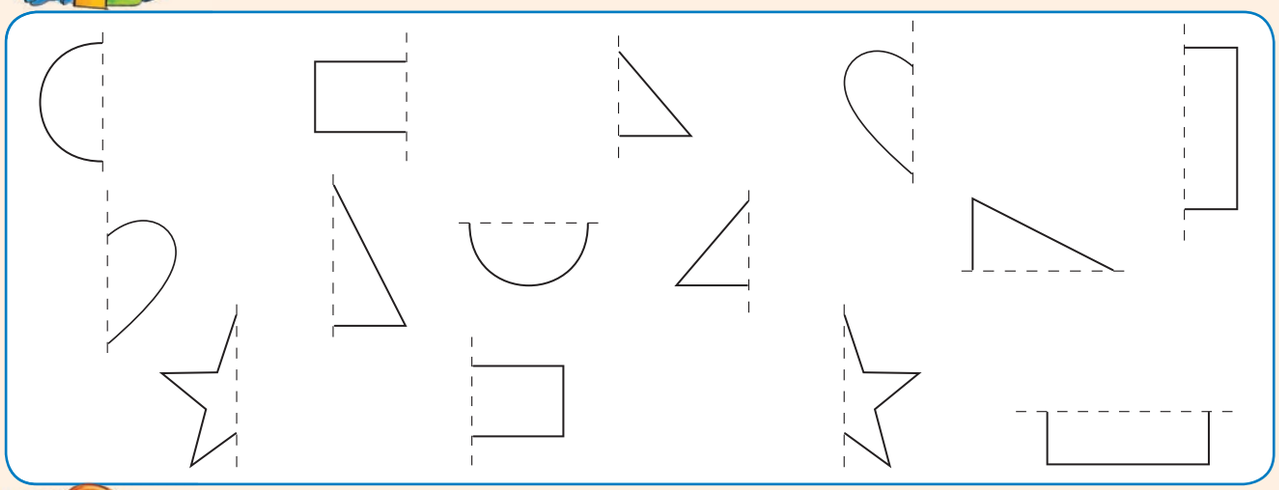


Usuku:

Okunhlangothi zifana ncamashi

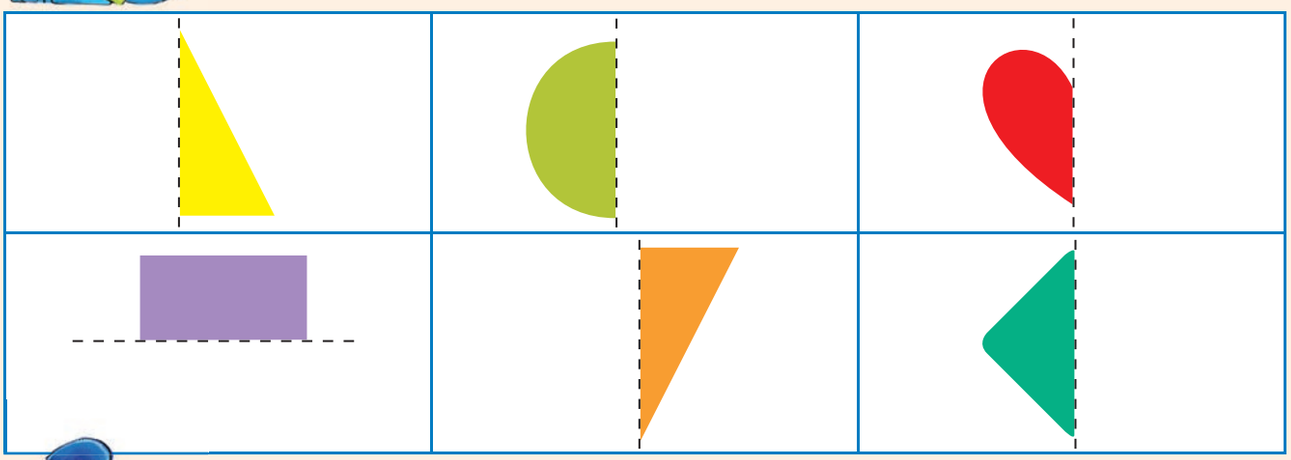


Faka umbala ezingxenyeni zezimo ezihamba ngambili ukuze zenze isimo esisodwa.



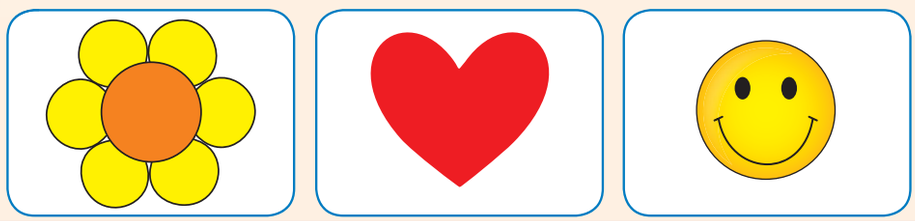


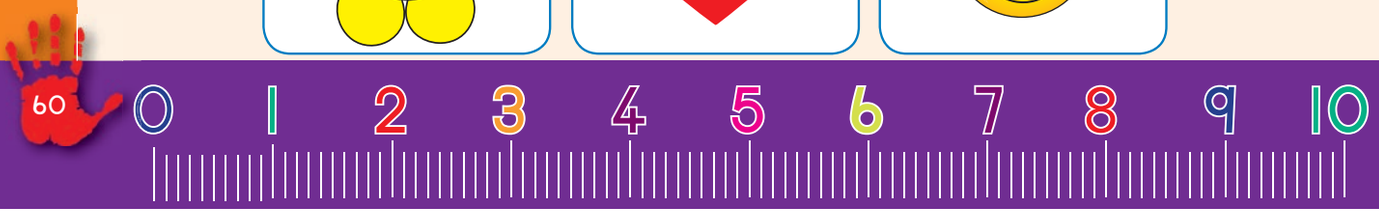
Dweba omunye uhhafu uwufake umbala.





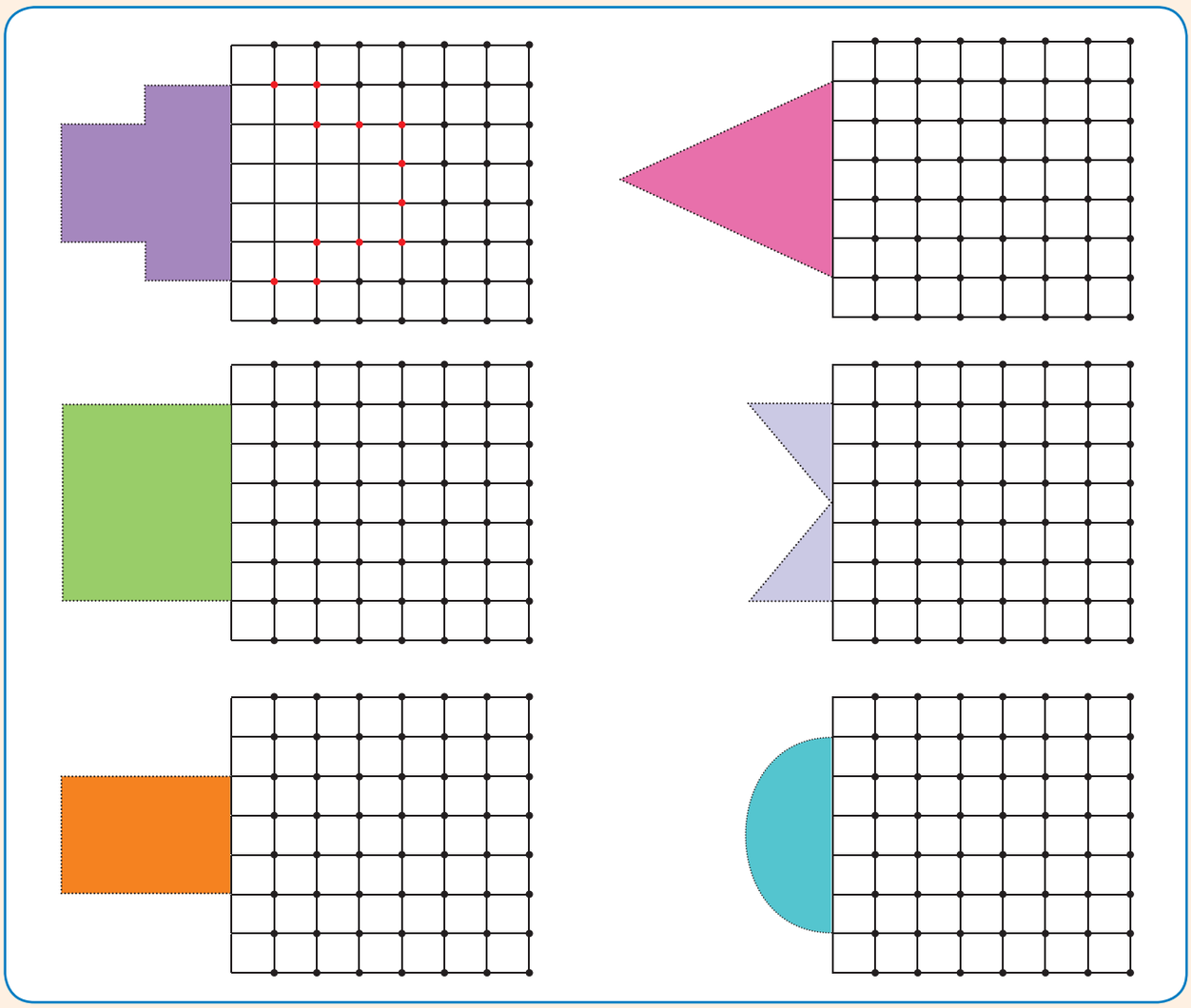
Dweba umugqa uhlukanise ngawo lezi zithombe ezinokuhamba ngakubili ukuze izinhlangothi zifane ncamashi.



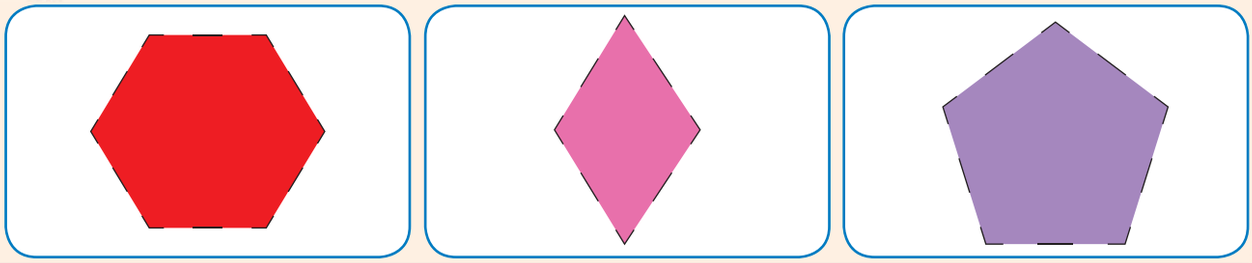




Dweba omunye uhhafu wesimo usebenzisa igridi.



Dweba umugqa uhlukanise ngawo lezi zithombe ezinokuhamba ngakubili ukuze izinhlangothi zifane ncamashi.



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

95



Usuku:

Izinombolo kanye nezikhundla zazo

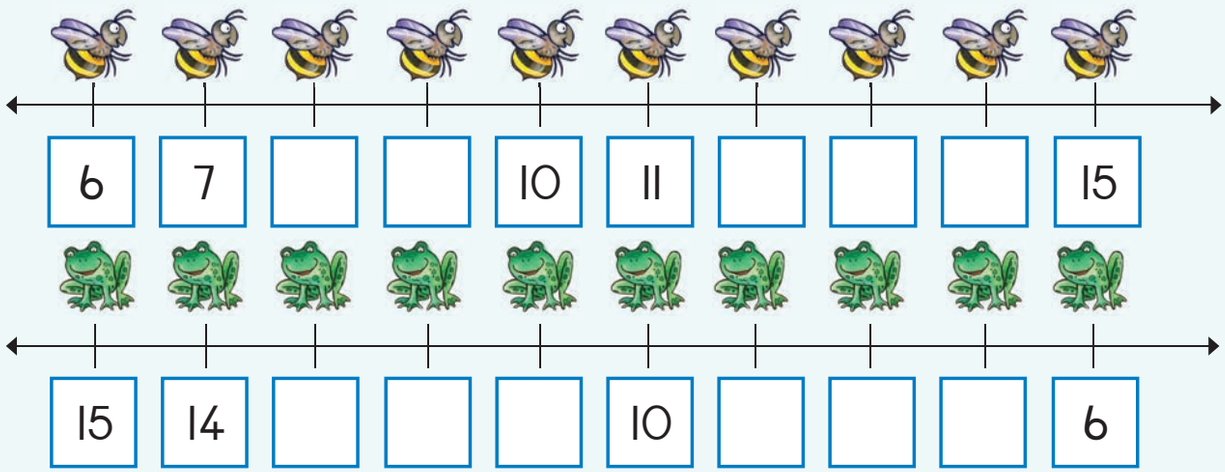


Gcwalisa izinombolo ezingekho.

10	11				15
9	10				



Gcwalisa izinombolo ezingekho.





Gcwalisa impendulo.

10 + 1 =	11
10 + 2 =	
10 + 5 =	
10 + 3 =	

15 − 10 =	
14 − 10 =	
12 − 10 =	
11 − 10 =	





Faka umbala esibalweni ngasinye bese ufaka umbala iphazili elifanele elinenombolo efanele.
Sikwenzele okokuqala.

10 + 1 kube bomvu

10 + 3 kube bukhwebezana

10 + 5 kube sasibhakabhaka

10 + 4 kube phuzi

10 + 0 kube satshani

10 + 2 kube wolintshi



1	18	17	21	20	16
	6	19	10	4	
9	13		15	12	2
14	11	5	8		

Khombisa ishumi nokune emgqeni wezinombolo:

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



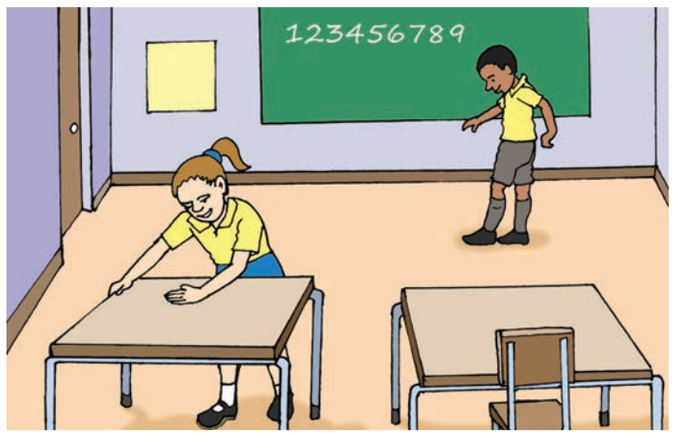
Usuku:

Ubude



Kala ubude nobubanzi bedeski noma betafula ngobude besandla sakho.
Zingaki izandla ezilingana ubude betafula?

Zingaki izandla ezilingana ububanzi balo?

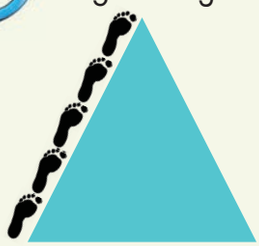


Ubude be - _____ buyizandla ezi - _____.

Ubude be - _____ buyizandla ezi - _____.



Zingaki izinyawo ezilingana uhlangothi?



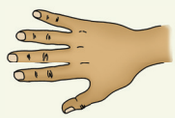






Gcwalisa impendulo.



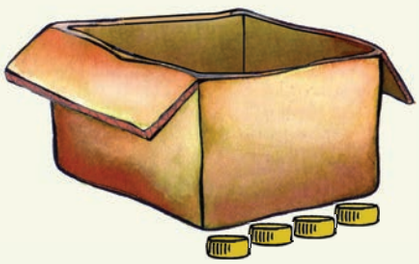


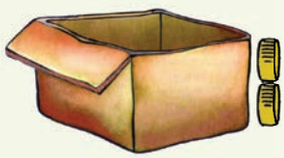
Ubude be - _____ buyizandla ezi - _____.

0 1 2 3 4 5 6 7 8 9 10



4 Leli bhokisi lide kangakanani futhi libanzi kangakanani?



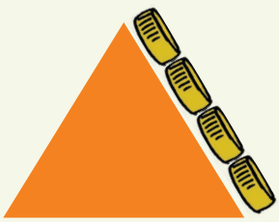


Ubude buyizivalo zamabhodlela ezi- _____ .

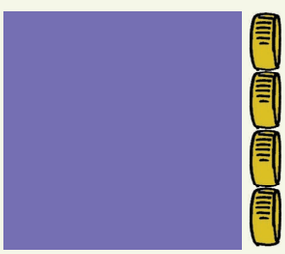
Ubude buyizivalo zamabhodlela ezi- _____ .

5 Zingaki izivalo zamabhodlela ezilingana ubude bohlangothi?



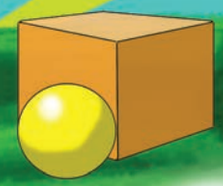


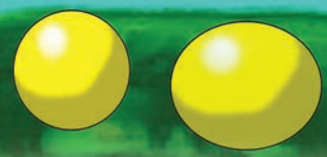




Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20





Usuku:

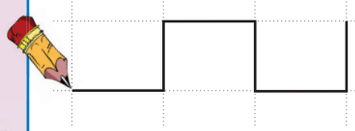
Ithemu 4

Inombolo 16

Ukubuyekeza:

Zijwayeze ukubhala igama lenombolo bese uqedela iphethini.

7 isikhombisa

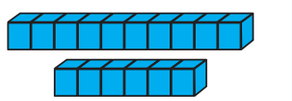


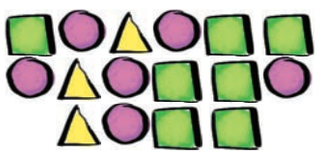


Qondanisa izithombe.



Bhala phezu kwezinombolo.

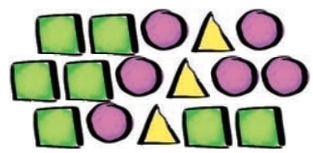




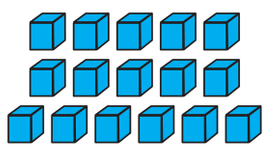
10 6

16





16





10 6

16 16 16 16

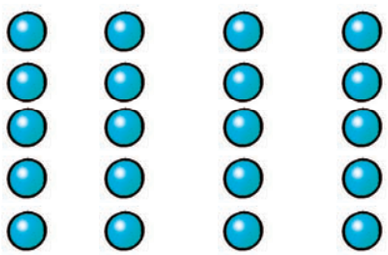
ishumi nesithupha

16 16 16 16

ishumi nesithupha



Kokelezela ubuhlalu obuyi-16 kuphela.



Bungaki obusele? ___





Dweba izinto eziyi-16.

Manje budwebe ngendlela ehlukile.

Gcwalisa inombolo engekho.

2	3	4
19		21
17		19

Qedela ithebhula. Umugqa ngamunye unesithombe, inombolo kanye negama laleyo nombolo.

	16	
		ishumi nesithupha

Iyiphi inombolo encane ngokukodwa e-16? _____

Iyiphi inombolo engaphezulu ngokukodwa e-16? _____

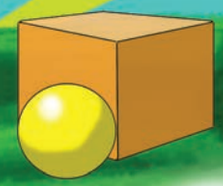
Iyiphi inombolo encane ngokukodwa eshumini nesithupha?	
Yini encane ngokubili eshumini nesithupha?	
Iyiphi inombolo engaphezulu ngokukodwa eshumini nesithupha?	
Yini enkulu ngokubili eshumini nesithupha?	

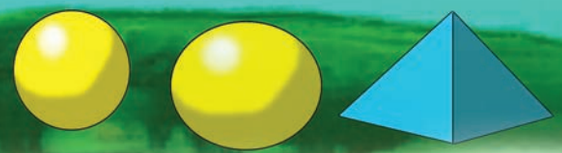
Gcwalisa izinombolo ezingekho.

10	9		7	6		4	3		1

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20





Usuku:

Inombolo 17

Ukubuyekeza:

Zijwayeze ukubhala igama lenombolo bese uqedela iphethini.

8 | isishiyagalombili

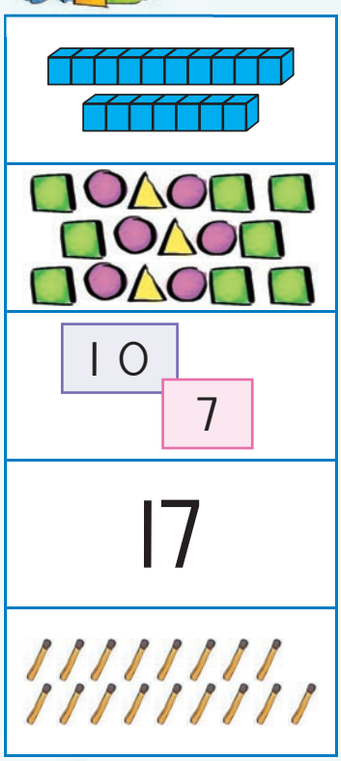




Qondanisa izithombe.

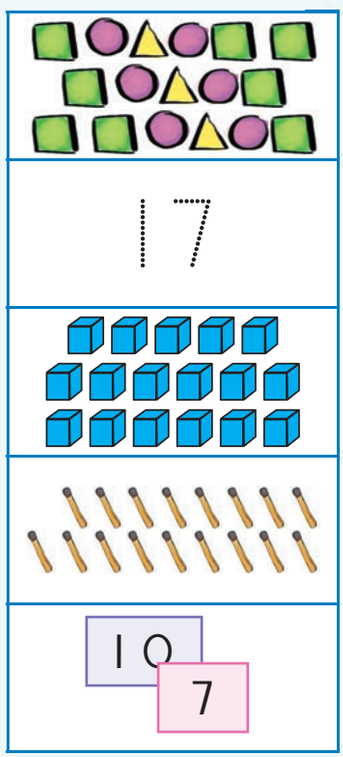


Bhala phezu kwezinombolo.



10 | 7

17



17

10 | 7

17 17 17 17

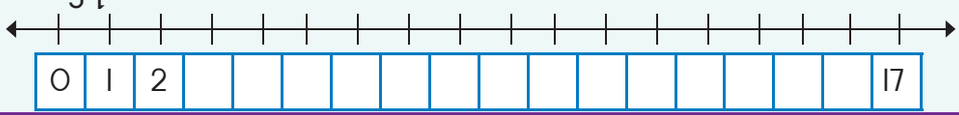
ishumi nesikhombisa

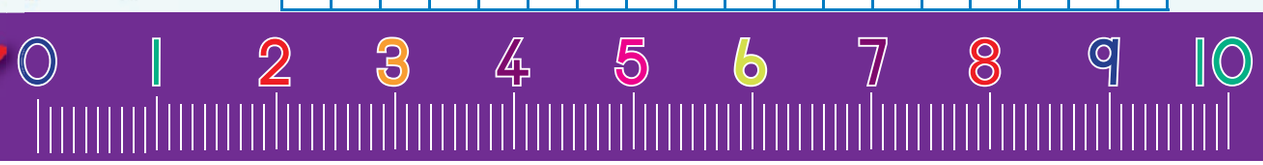
17 17 17 17

ishumi nesikhombisa



Qedela umugqa wezinombolo.







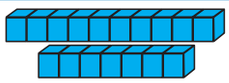
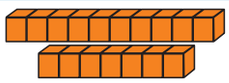
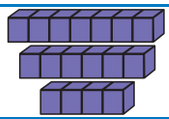
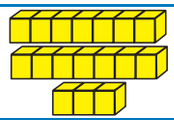
4 Dweba izinto eziyi-17.

Manje zidwebe ngendlela eyahlukile.

5 Iyiphi inombolo eza emva kwalena?

16	17	
24	25	
17	18	

6 Qedela ithebhula. Umugqa ngamunye unesithombe, inombolo kanye negama laleyo nombolo.

	17	
		
		ishumi nesikhombisa
		

7

Iyiphi inombolo encane ngokukodwa eshumini nesikhombisa?	
Yini encane ngokubili eshumini nesikhombisa?	
Iyiphi inombolo engaphezulu ngokukodwa eshumini nesikhombisa?	
Yini enkulu ngokubili eshumini nesikhombisa?	

8 Gcwalisa izinombolo ezingekho.

Lezi zinombolo ziphinde zibizwe ngogweje.

	2		4		6		8		10
	12		14		16		18		20

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



Inombolo 18

Ukubuyekeza:

Zijwayeze ukubhala igama lenombolo bese uqedela iphethini.

q

isishiyagalolunye

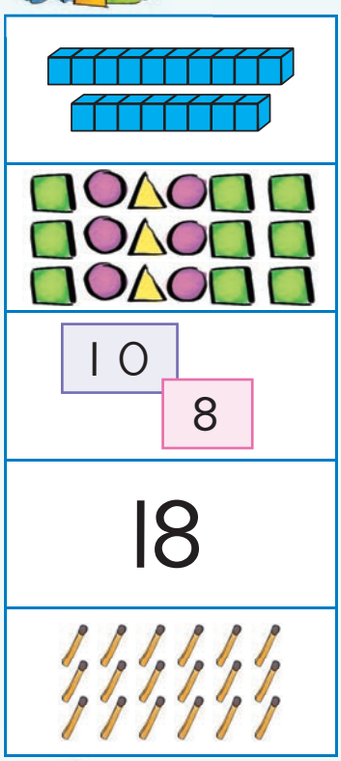


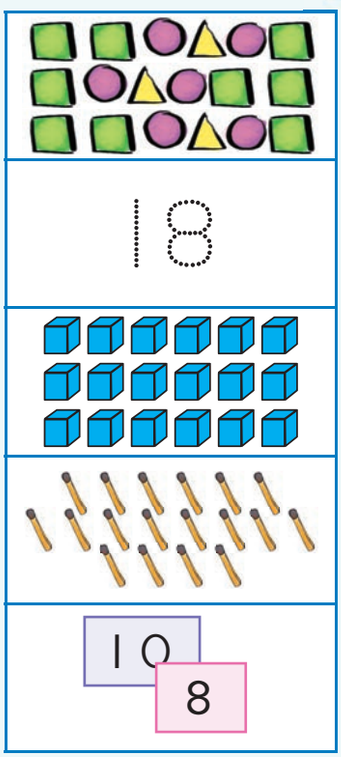


Qondanisa izithombe.



Bhala phezu kwezinombolo.





18 18 18 18

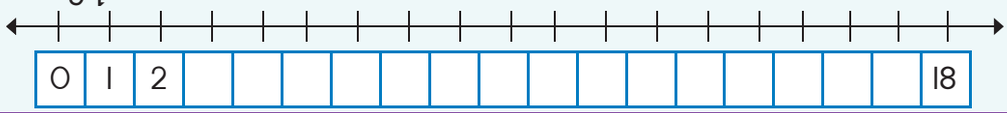
ishumi nesishiyagalombili

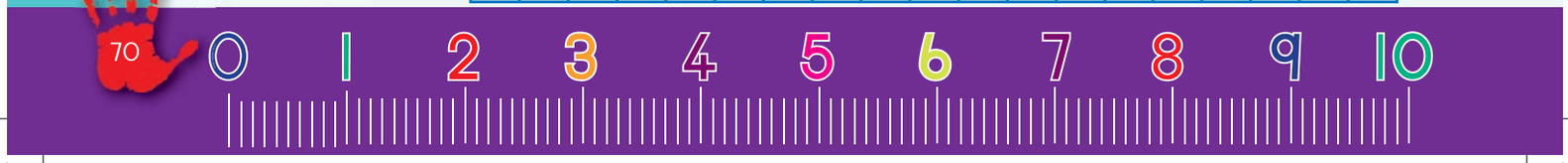
18 18 18 18

ishumi nesishiyagalombili



Qedela umugqa wezinombolo.







Dweba izinto eziyi-18.

Manje zidwebe ngendlela eyahlukile.



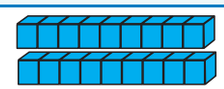
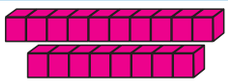
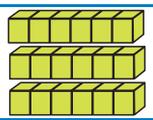
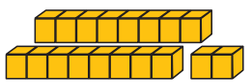


Iyiphi inombolo eza emva kwalena?

8	9	
33	34	
0	1	



Qedela ithebhula. Umugqa ngamunye unesithombe, inombolo kanye negama laleyo nombolo.

	18	
		
		ishumi nesishiyagalombili
		



Iyiphi inombolo encane ngokukodwa kokuyi-18?	
Yini encane ngokubili e-18?	
Iyiphi inombolo engaphezulu ngokukodwa kokuyi-18?	
Yini enkulu ngokubili e-18?	



Gcwalisa izinombolo ezingekho.

1	2		4	5	6	7		9	10
11		13	14	15		17	18		20



Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20

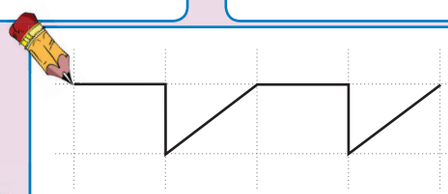


Inombolo 19

Ukubuyekeza:

Zijwayeze ukubhala igama lenombolo bese uqedela iphethini.

10 ishumi

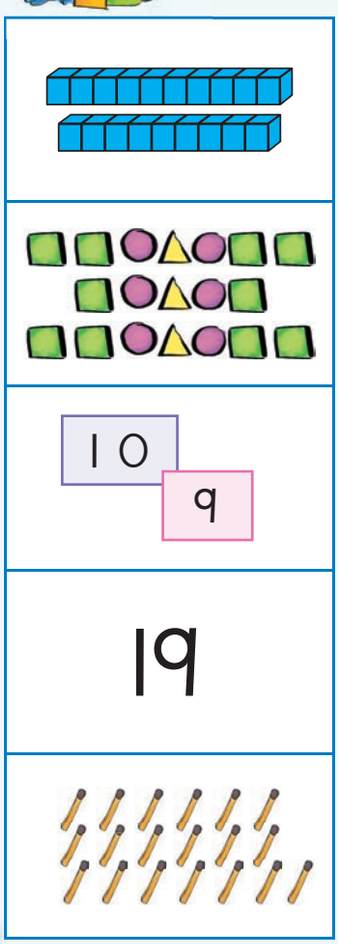


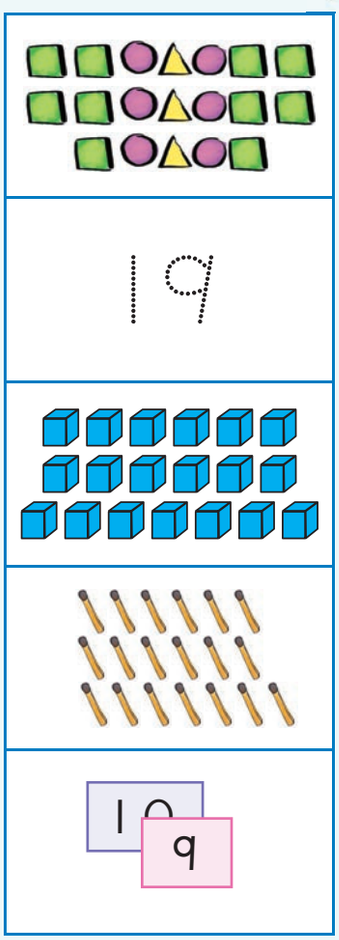


Qondanisa izithombe.



Bhala phezu kwezinombolo.





19 19 19 19

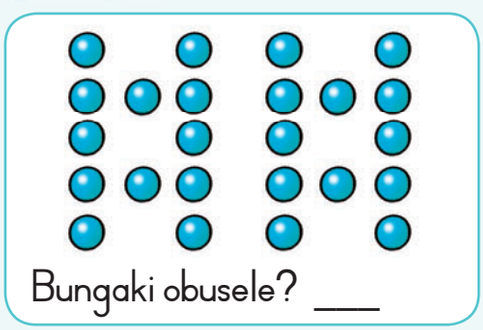
ishumi nesishiyagalolunye

19 19 19 19

ishumi nesishiyagalolunye



Kokelezela ubuhlalu obuyi-19 kuphela.



Bungaki obusele? ___





Manje zidwebe ngendlela eyahlukile.

Dweba izinto eziyi-19.

Iyiphi inombolo ephakathi kwalezi?

14		16
35		37
8		10

Qedela ithebhula. Umugqa ngamunye unesithombe, inombolo kanye negama laleyo nombolo.

	19	
		ishumi nesishiyagalolunye

Iyiphi inombolo encane ngokukodwa kokuyi-19?	
Yini encane ngokubili e-19?	
Iyiphi inombolo engaphezulu ngokukodwa kokuyi-19?	
Yini enkulu ngokubili e-19?	

Gcwalisa izinombolo ezingekho.

Kukhona nezinombolo ezingelona ugweje.

1		3		5		7		9	
11		13		15		17		19	

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

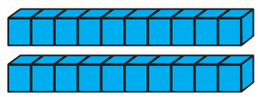
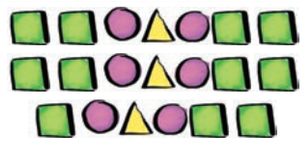
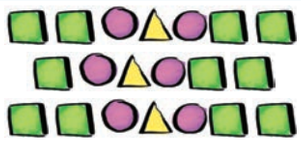
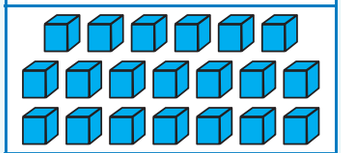
101

Usuku:

Inombolo 20



Qondanisa izithombe.

	
	20
10 10	
20	
	10 10



Bhala phezu kwezinombolo.

20 20 20 20

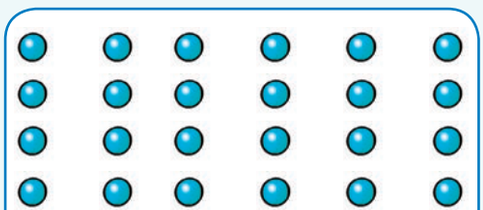
amashumi amabili

20 20 20 20

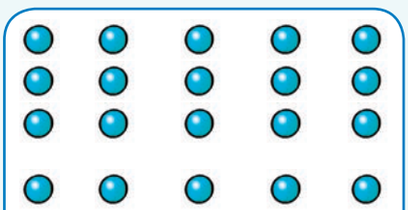
amashumi amabili



Kokelezela ubuhlalu obungama-20 kuphela.



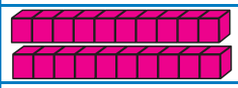
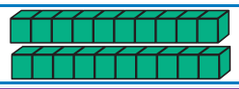
Bungaki obusele? ___



Bungaki obusele? __



Qedela ithebhula. Umugqa ngamunye unesithombe, inombolo kanye negama laleyo nombolo.

	20	amashumi amabili
		amashumi amabili
20		
		



Iyiphi inombolo encane ngokukodwa kokungama-20? _____

Iyiphi inombolo engaphezulu ngokukodwa kokungama-20? _____

0 1 2 3 4 5 6 7 8 9 10



Hlanganisa inombolo negama layo.

0	kune
1	isikhombisa
2	isishiyagalolunye
3	kuthathu
4	ishumi nanye
5	ishumi nambili
6	kunye
7	kubili
8	isishiyagalombili
9	zero
10	kuhlanu
11	isithupha
12	ishumi nantathu
13	ishumi
14	ishumi nane



Gcwalisa inombolo engekho.

Ngaphambili		Ngemuva
16	17	
	12	
	14	
	9	10
	6	



Sebenzisa amagama -**ncane** noma -**khulu** ukuqedela lokhu:

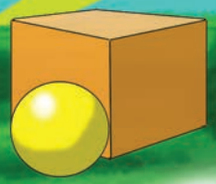
Ama-35 _____ kunama-38

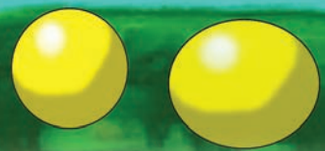
Ama-79 ngoku- _____ kunama-65

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

102





Usuku:

Ukuhlanganisa



Kokelezela inombolo enkudlwana ebhulokhini ngalinye.

3 8	5 7	15 12	11 6	20 17	8 18

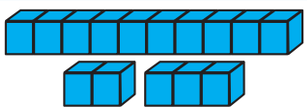


Yengeza ngalokhu okulandelayo.
Qala ngenombolo enkulu kunazo zonke kuqala.

1 + 1 + 5 =	5 + 1 + 1 =
6 + 2 + 10 =	
3 + 4 + 2 =	
2 + 6 + 3 =	
1 + 10 + 2 =	



Yengeza amabhulokhi.

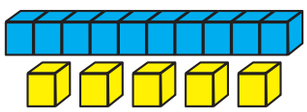


10 + 2 + 3 = 15

10 + 5 = 15



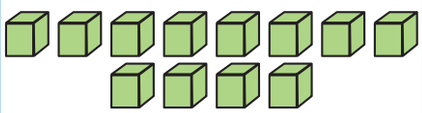
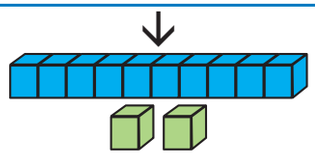
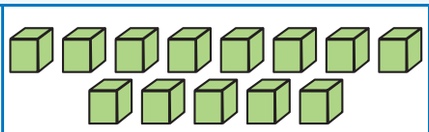
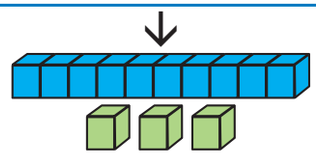
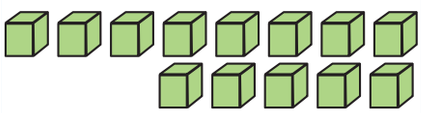
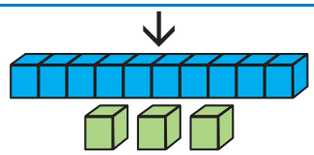
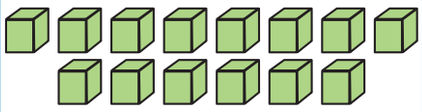
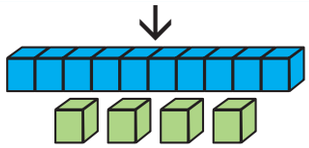
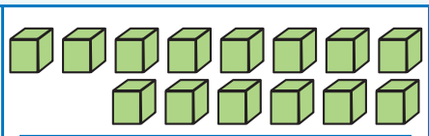
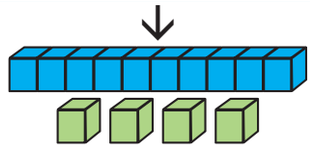
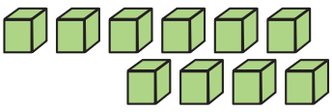
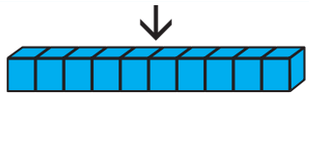
Bhala umusho wezinombolo ngalokhu:







5 Bhala umusho wezinombolo walokhu ngakunye:

 8 + 4 = 12  10 + 2 = 12	 	 
 	 	 



Gcwalisa izinombolo ezingekho.

	+	14	=	17
9	+		=	20
12	+	8	=	
15	+		=	20
	+	6	=	13
14	+	3	=	0



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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Usuku:

Ukususa

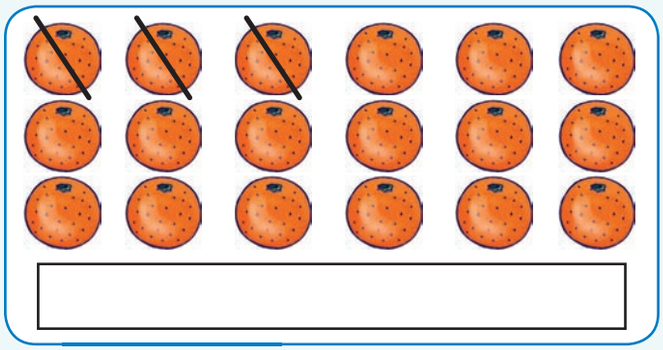


Bala.

17	− 4	
19		
14		
12		

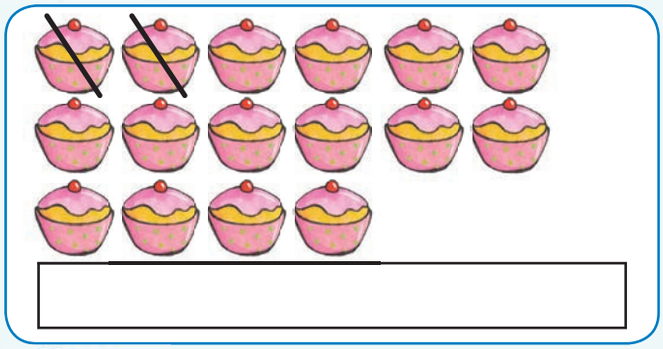


Bhala umusho wezinombolo.





Bhala umusho wezinombolo.



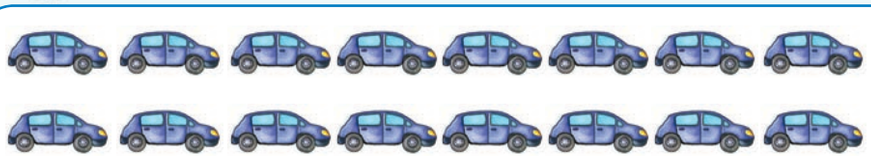


Bala.

18	− 4	
7		
15		
9		



Qedela izibalo usebenzisa umdwebo.

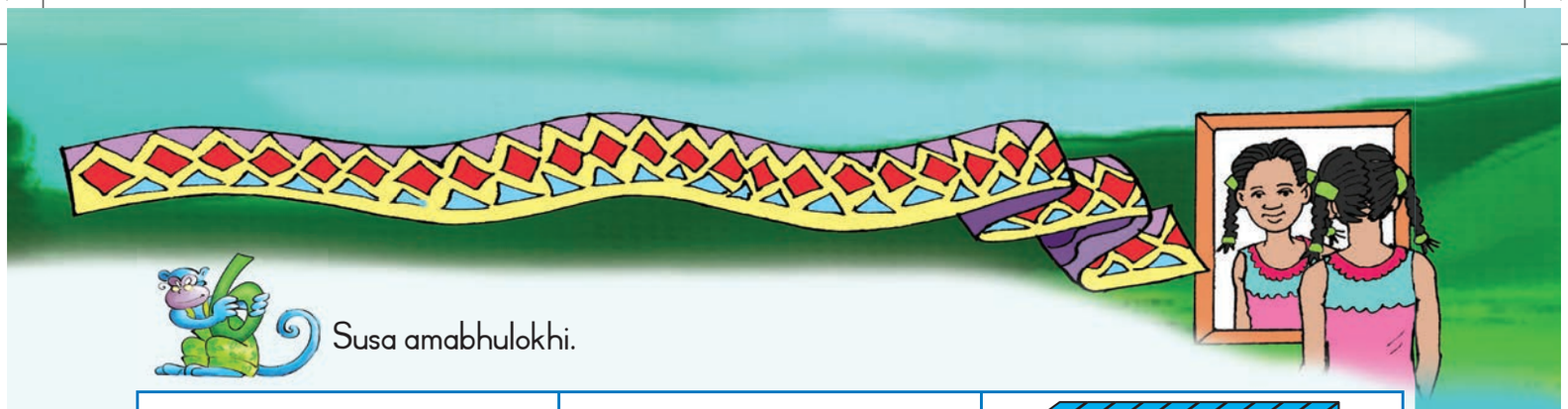


16 − ☐ = 11

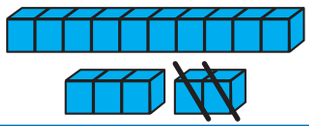
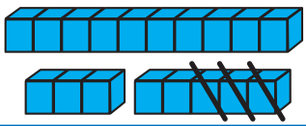
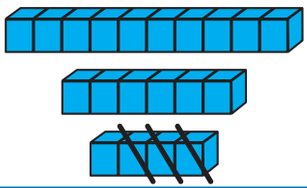


10 + ☐ = ☐





Susa amabhulokhi.

		
(10 + 3) − 2 =		
13 − 2 =		



Bala lokhu okulandelayo:

11 + 7 = ☐ 11 + 4 + ☐ = ☐	11 + 7 = ☐ 11 + 5 + ☐ = ☐
19 − 7 = ☐ 19 − (5 + ☐) = ☐	17 − 9 = ☐ 17 − (7 + ☐) = ☐



Bala lokhu okulandelayo:

Phinda kabili oku-5 uzothola ☐	Phinda kabili oku-3 uzothola ☐	Phinda kabili oku-4 uzothola ☐
Phinda kabili okuyi-7 uzothola ☐	Phinda kabili oku-2 uzothola ☐	Phinda kabili okuyi-8 uzothola ☐
Phinda kabili okuyi-10 uzothola ☐	Phinda kabili okuyi-9 uzothola ☐	Phinda kabili oku-1 uzothola ☐

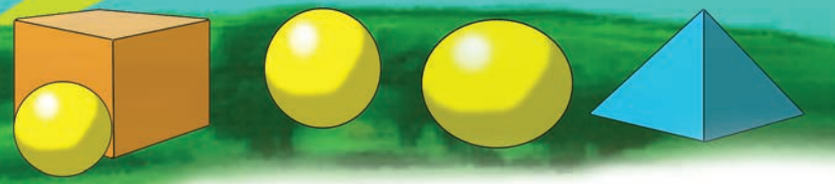


Nikeza impendulo yalokhu:

9 + 9 − 1 =		noma	Phinda kabili 9 − 1 =	
		noma	Phinda kabili 5 − 1 =	
4 + 4 − 1 =		noma		

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

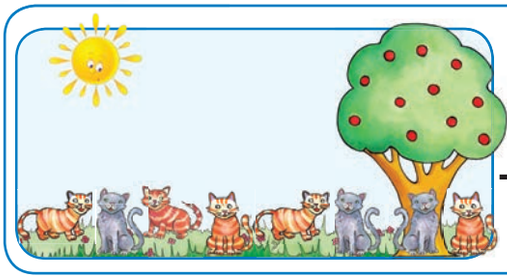


Usuku:

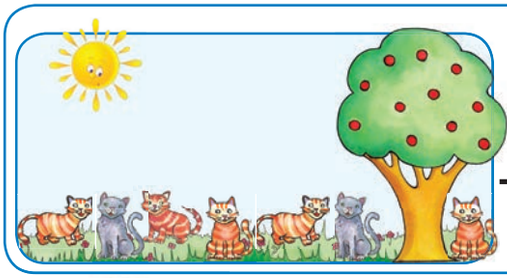
Ukuhlanganisa nokususa



Bala inani lamakati athamele ilanga.
Ebusuku amanye awo ayahamba ayolala emva kodonga.
Thola ukuthi mangaki asele emuva bese ubhala inani phansi.



3 + ☐ = 8



4 + ☐ = ☐



Xazulula lokhu okulandelayo.
Ungawenza umdwebo ukuze kube lula.

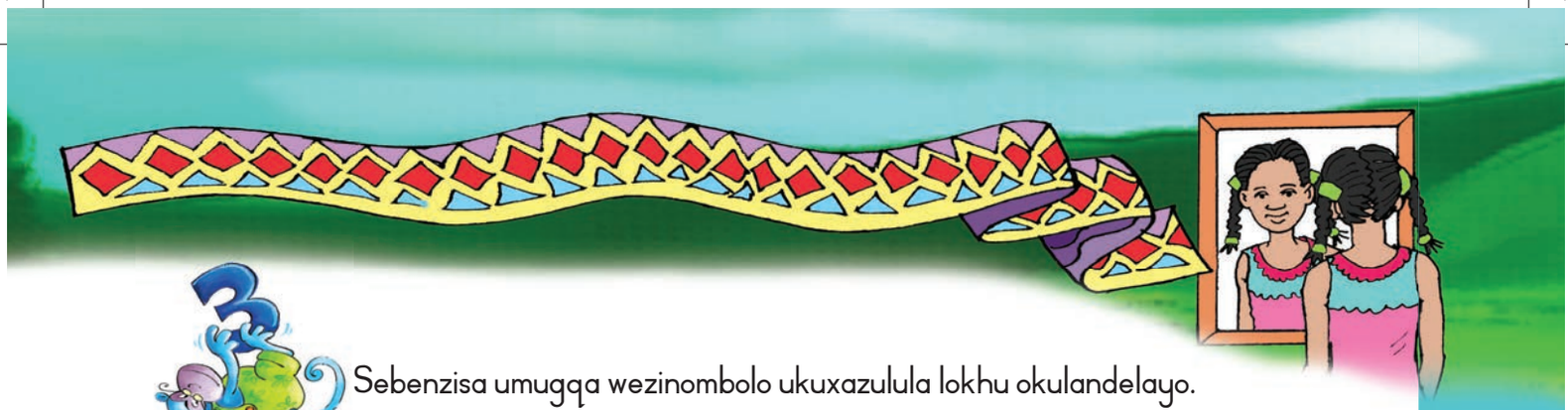


ULeta unamawolintshi ama-4. UPheza une-13 lamawolintshi.
Mangaki amawolintshi esewonke?

UMandla unamapensela ama-5. U-Amahle unamapensela ayi-8.
Ngubani onayingcosane kunomunye?

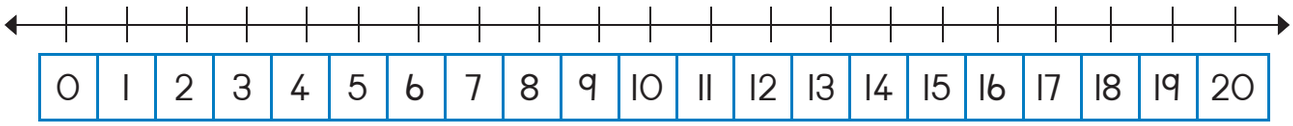


0 1 2 3 4 5 6 7 8 9 10

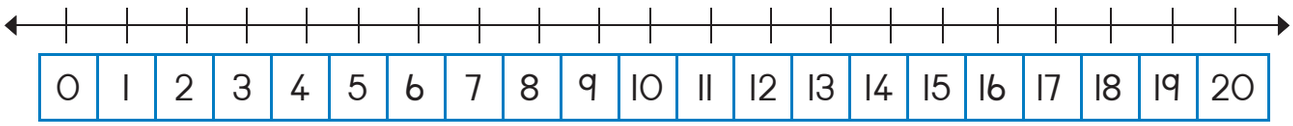


Sebenzisa umugqa wezinombolo ukuxazulula lokhu okulandelayo.

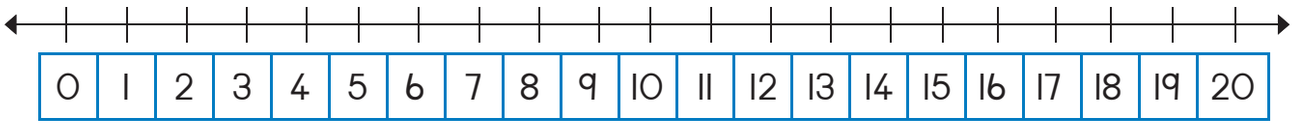
UThandi unezimabule eziyi-6 eziluhlaza okotshani, neziyi-9 eziluhlaza okwesibhakabhaka. Zingaki izimabule anazo sezizonke?



ULeta unezimabule eziyi-16. Eziyisi-8 ziluhlaza okotshana kanti ezinye ziluhlaza okwesibhakabhaka. Zingaki izimabule eziluhlaza okwesibhakabhaka?



UThandi unobhanana abayi-19. UThemba unabayi-10.
Bangaki obhanana uThandi anabo ukwedlula uThemba?



Yiziphi izinombolo eziphakathi kwama-25 nama-30?	

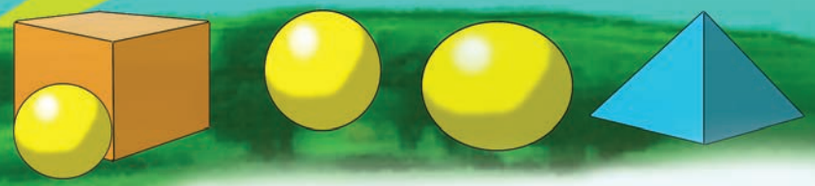
Kokelezela inombolo enkulu ngoku-1 ema-76.

74	75	76	77	78

Kokelezela inombolo enkulu ngoku-2 ema-76.

74	75	76	77	78

Teacher:
Sign:
Date:



Usuku:

Izinombolo ezingama-odinali



Ngubani ophume phambili emqhudelwaneni?
Bhala indlela anqobe ngayo ngezansi.

uSipho	uLeta	uJohane	uPheza	uMimi
				
	2	3		



Badwebe bemi ephodiyamu.



Ngubani othole igolide? _____

Ngubani othole isiliva? _____



Dweba ubuhlalu kanje:

Ubuhlalu bokuqala buluhlaza okwesibhakabhaka.
Obesibili ubuhlalu bubomvu.
Obesithathu buluhlaza okotshani.
Obesine buphuzi.
Obesihlanu buluhlaza okwesibhakabhaka.
Obesithupha bubomvu.
Obesikhombisa buluhlaza okotshani.
Obesishiyagalombili buphuzi.
Obesishiyagalolunye buluhlaza okwesibhakabhaka.
Obeshumi bubomvu.

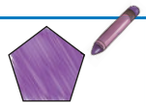
Ubuhlalu bami.





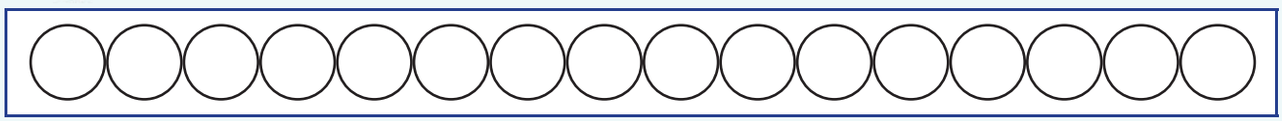
Buka ukulandelana kwalezi zimo.
Zikopishe ezindaweni ezifanele ethebhuleni.
Sikwenzele okokuqala.



Yisiphi isimo:			
esingesesine		esingesesikhombisa	
esingesesihlanu		esingesesishiyagalolunye	
esingesesibili		esingesokugcina	
esingesesithathu		esingesesithupha	



Yenza lokhu okulandelayo:





Faka umbala obomvu esiyingini sokuqala.



Faka umbala ophuzi esiyingini sesihlanu.



Faka umbala oluhlaza okwesibhakabhaka esiyingini sesishiyagalombili.



Dweba umugqa wezinombolo ezingama-10 kuya ema-20.
Kokelezela inombolo yesithathu kanye neyesishiyagalombili.

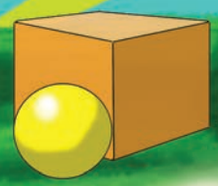


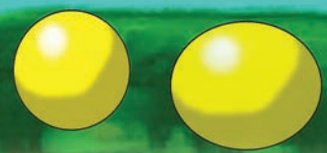










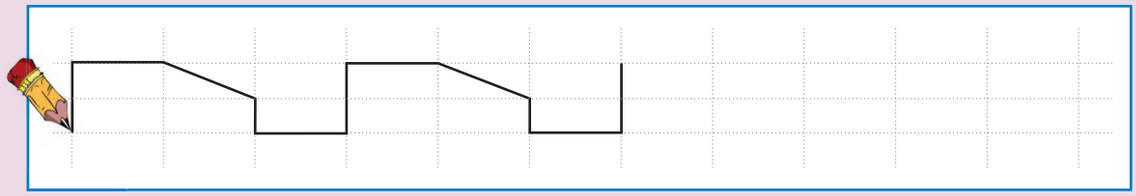


Usuku:

Izinto nezimo

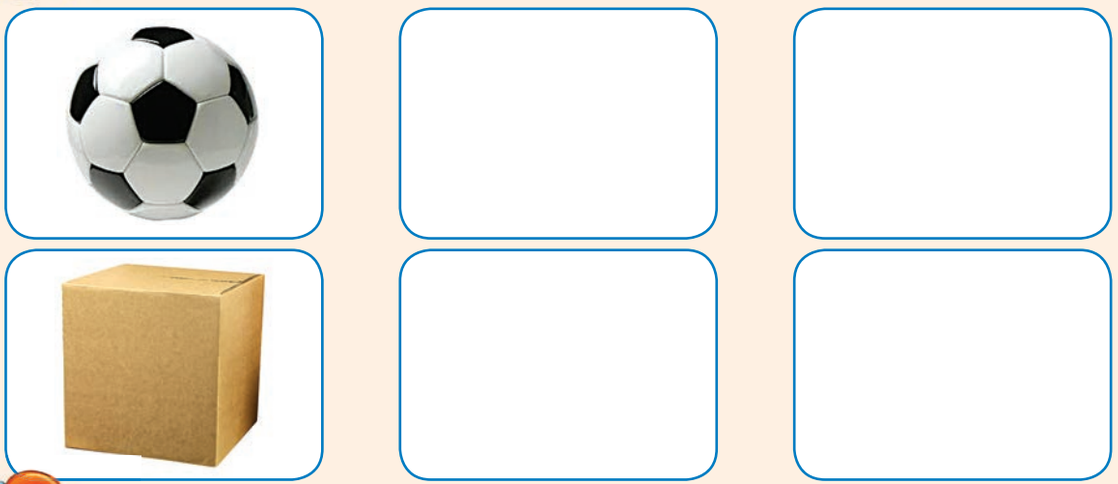
Ukubuyekeza:

Ukubuyekeza: Qedela iphethini.





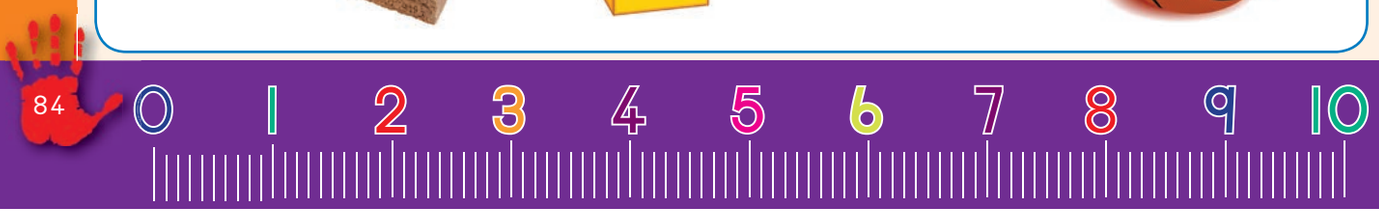
Thola izithombe ezimbili zebhola nezimbili zebhokisi ephephandabeni noma ephephabhukwini uzibeke ngezansi.





Dweba isiyingi esiluhlaza okwesibhakabhaka ukokelezele izinto ezishibilikayo.
Dweba isikwele esibomvu ukokelezele izinto ezigingqikayo.





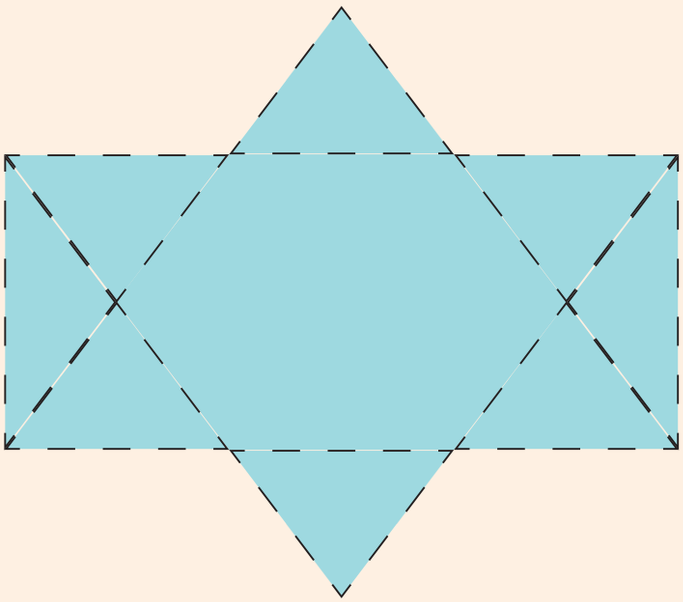


Bhala phezu kwegama bese udweba le nto.

ibhokisi	ibhola



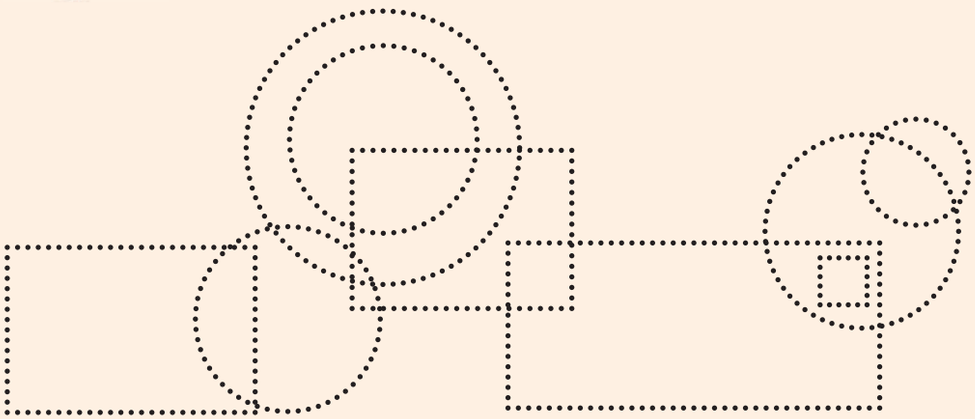
Bala bonke onxantathu bese ubhala inombolo.



Impendulo:



Bala izimo.



Iziyingi

Izikwele

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

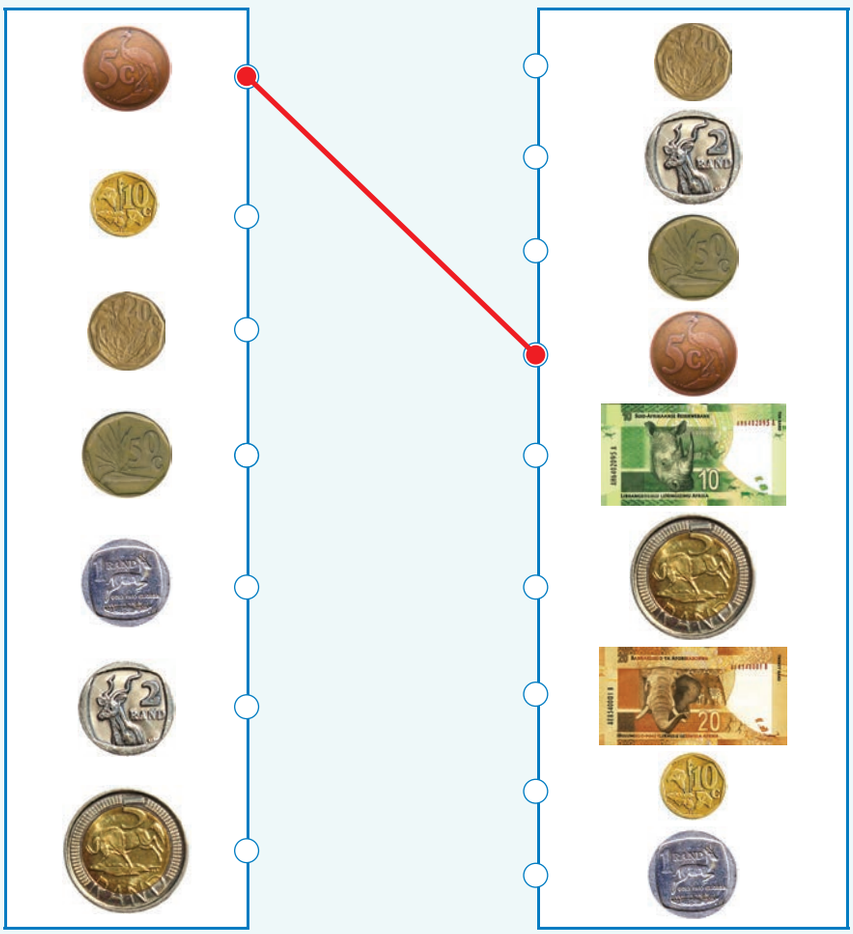
107

Usuku:

Imali



Yiziphi izinhlamvu zemali ongaziqondanisa?





Thikha imali eyizinhlamvu kanye nengamaphepha ebhulokhini ngalinye elinemali ezokunika la manani alandelayo:







0 1 2 3 4 5 6 7 8 9 10



3 Susa ama-R2.

		
R12 – R2 = R10		

4 Susa ama-R5.

		
R15 – R5 = R10		

5 Zingaki izinhlobo zemidwebo ongazenza ukuthola ama-R20?
Sikwenzele okokuqala.

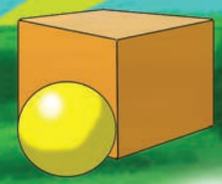


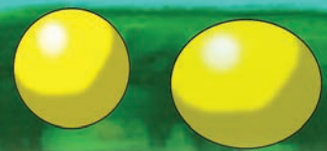
6 Kokelezela uhlamvu lwemali emgqeni ngamunye ongathenga okuningi ngalo.



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20





Usuku:

Okunye ngemali



Bala.



Bala.

R5	+ R7	
R9		
R7		
R4		

RI3	− R6	
RI5		
RI7		
RI4		



Gcwalisa impendulo.

RIO + RI =	
RIO + R2 =	
RIO + R3 =	
RIO + R4 =	
RIO + R5 =	



Yikuphi okuningi?
Kokelezela impendulo yakho.

5c noma R5
20c noma R20
RI noma 50c
R2 noma RI
20c noma 50c



Hlanganisa izinombolo uvundle ubuye wehle nazo bese ugcwalisa izimpendulo.

R2	R4	R9	=
R7	R3	R5	=
R6	R8	RI	=
=	=	=	=





Buka isibonelo bese uqedela okulandelayo.

R17	=	R10	+	R7
R16	=		+	
R15	=		+	
R14	=		+	
R13	=		+	
R12	=		+	



UJakobe uthenge isinkwa ngama-R8. Usikhokhele ngama-R10 ayiphepha. Ubuyelwe wushintshi wamalini?

Uthini umbuzo?

_____

_____

Bhala izinombolo.

_____

Bhala isibalo bese usenza.

_____



Umama kaBusi uthenge isigqoko ngama-R17. Ukhokhe ama-R10 amabili angamaphepha. Ubuyelwe wushintshi wamalini?

Uthini umbuzo?

_____

_____

Bhala izinombolo.

_____

Bhala isibalo bese usenza.

_____



Usuku lukaJudi lokuzalwa lungeSonto. Uphiwe ama-R5 ngudadewabo, ama-R2 ngumfowabo kanye nama-R10 awaphiwe ngumzala. Uthole malini seyiyonke?

Uthini umbuzo?

_____

_____

Bhala izinombolo.

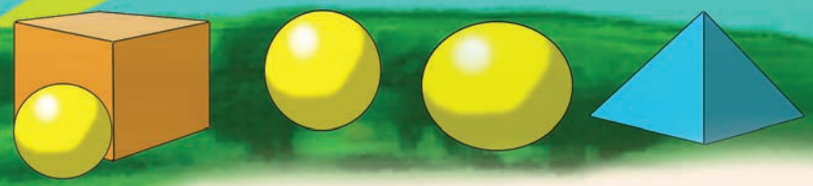
_____

Bhala isibalo bese usenza.

_____

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

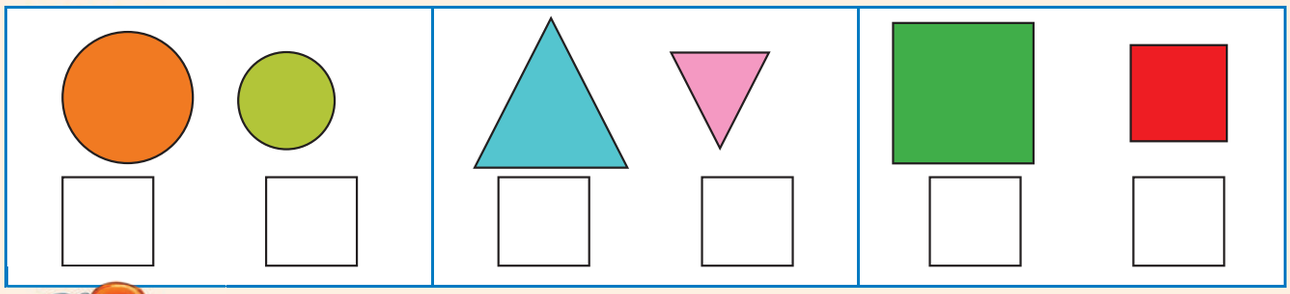


Usuku:

Izimo ezingonhlangothi - mbili

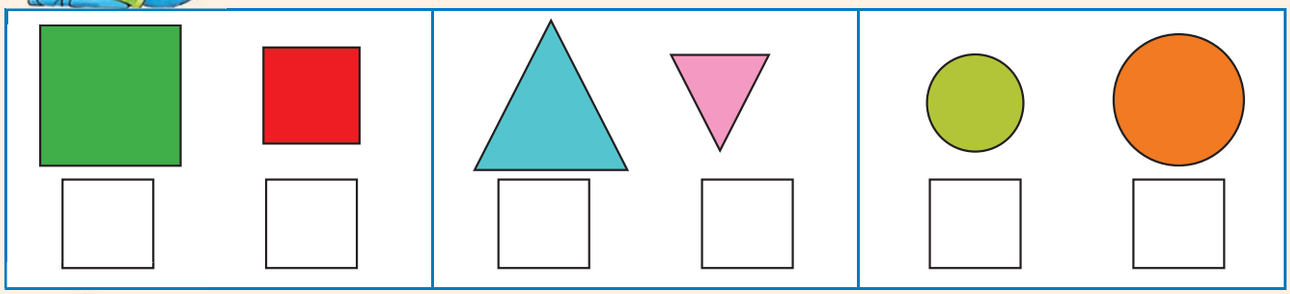


Beka uphawu lokuthikha esimeni esincane kunazo zonke ebhulokhini.





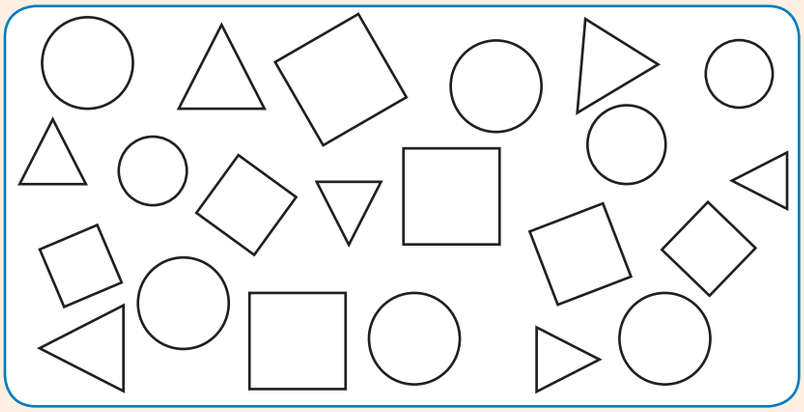
Beka uphawu lokuthikha esimeni esikhulu kunazo zonke ebhulokhini.





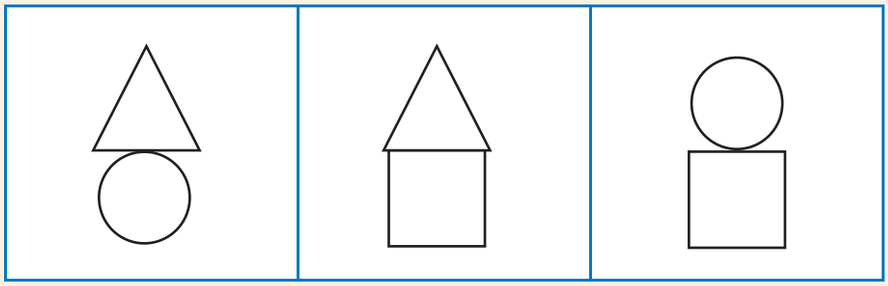
Faka umbala kukho konke lokhu:

- izikwele zibe luhlaza okwesibhakabhaka
- onxantathu babe bomvu
- iziyingi zibe luhlaza okotshani



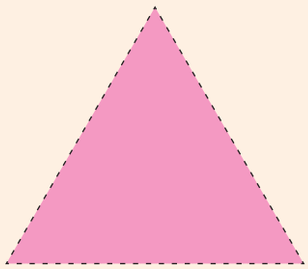


Yenza isithombe usebenzisa izimo. Sikuqalele isithombe ngasinye ngezimo ezi-2.

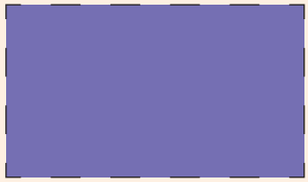


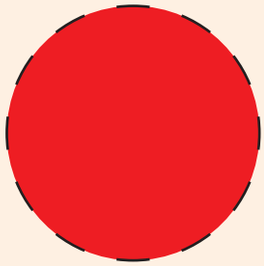


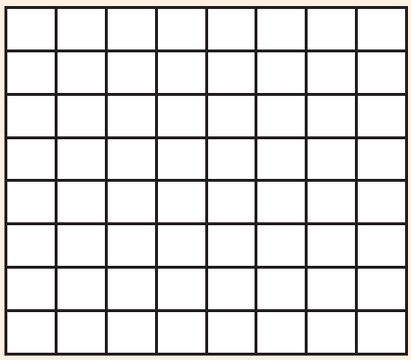
Dweba izimo ezikugridi.
Sebenzisa izikwele ezincane.

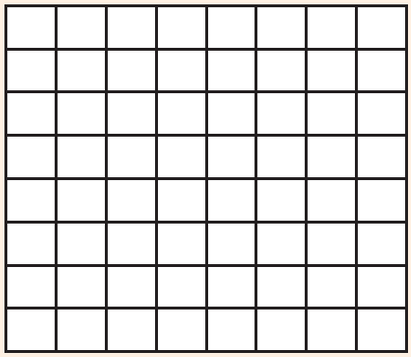


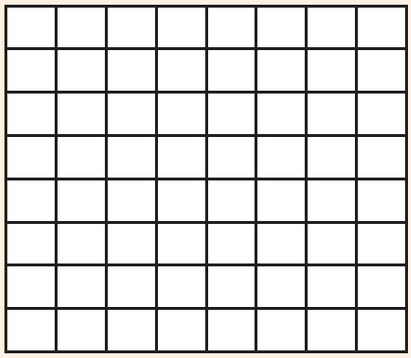


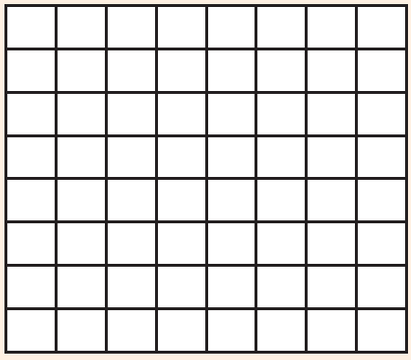








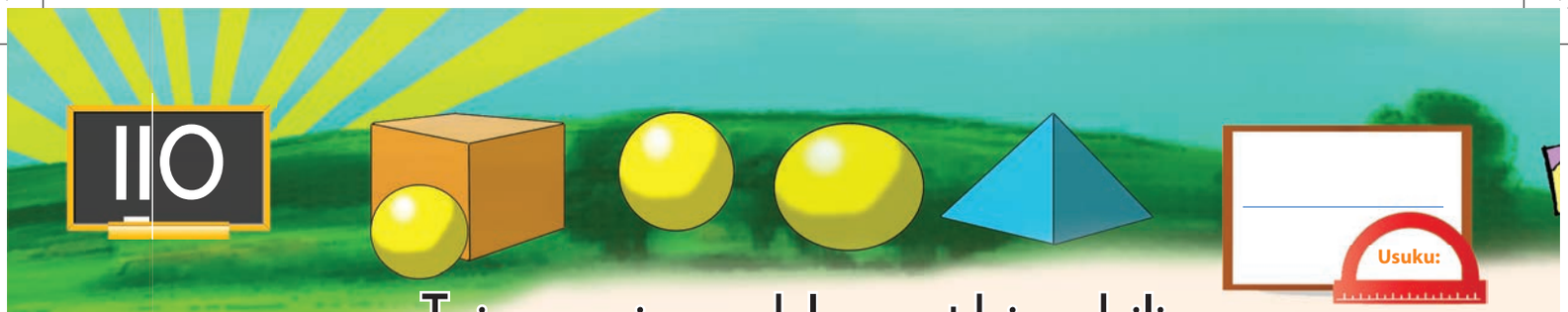






Teacher:
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Date:

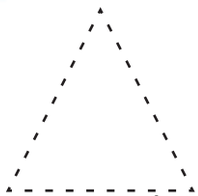
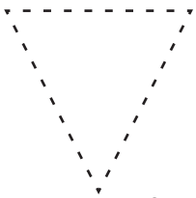
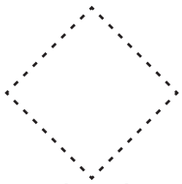




Izimo ezingonhlangothi - mbili – nezinezinhlangothi eziqondile kanye nezigobile

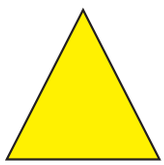


Bhala phezulu kwalezi zimo.

 unxantathu	 isiyingi	 isikwele
 isiyingi	 unxantathu	 isikwele



Beka uphawu lokuthikha usho ukuthi isimo sinezinhlangothi eziqondile noma ezigobile yini.

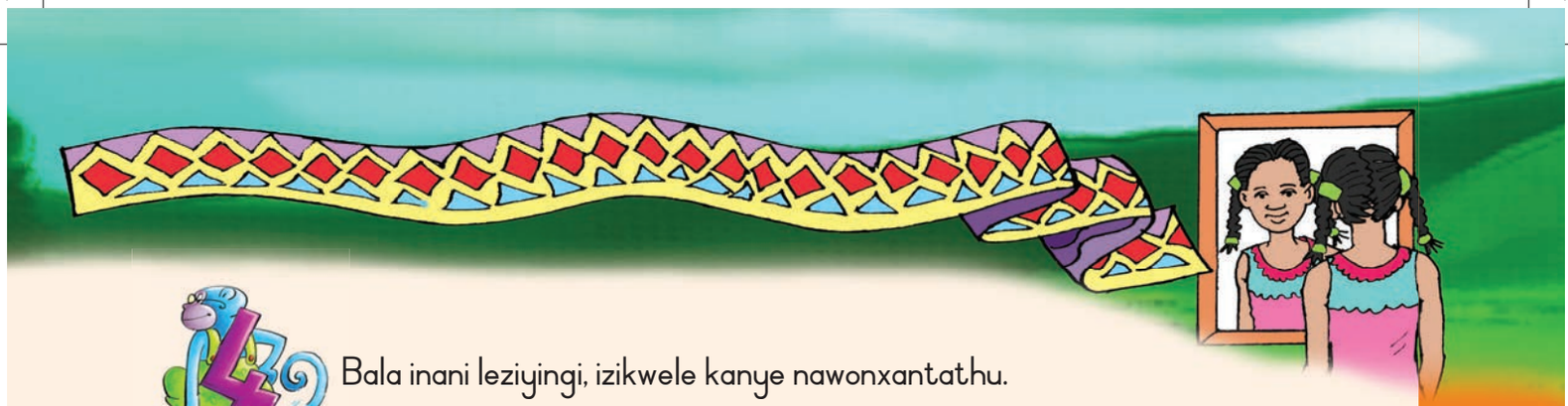
 izinhlangothi eziyindilinga ☐ izinhlangothi eziqondile ☐	 izinhlangothi eziyindilinga ☐ izinhlangothi eziqondile ☐	 izinhlangothi eziyindilinga ☐ izinhlangothi eziqondile ☐



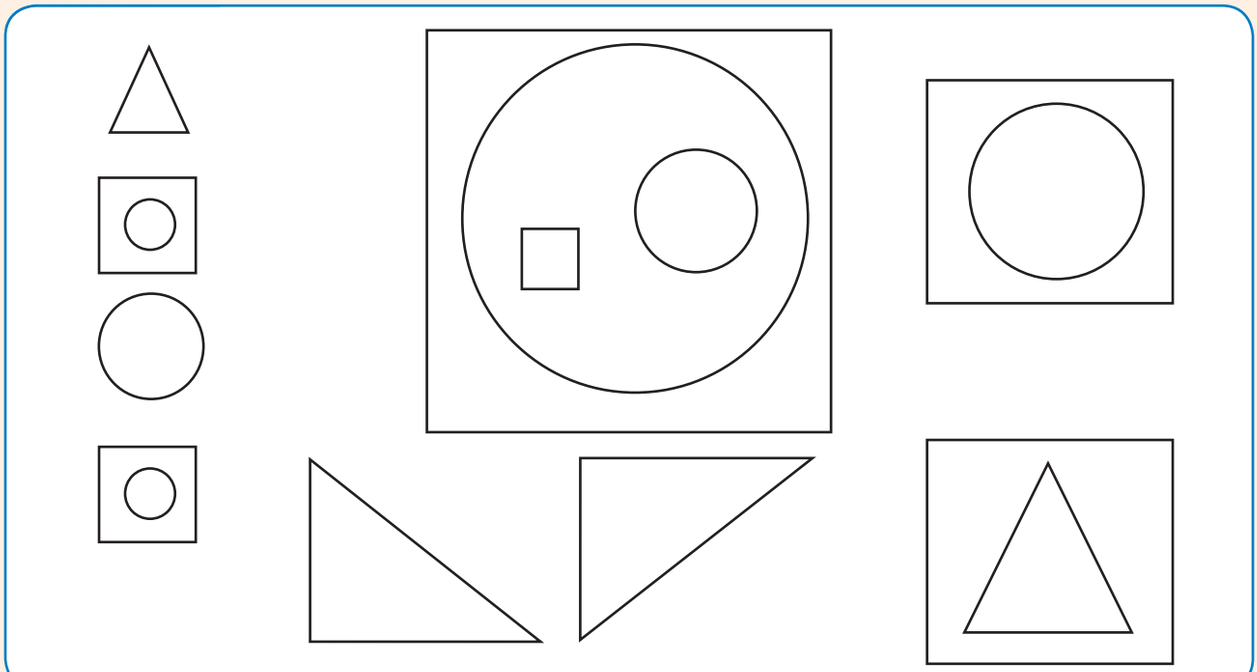
Dweba isimo esinalokhu:

izinhlangothi eziqondile	izinhlangothi eziyindilinga





Bala inani leziyingi, izikwele kanye nawonxantathu.



Isiyingi ☐ Isikwele ☐ Unxantathu ☐

Thola isithombe ephephabhukwini sibe nalokhu:

izinhlangothi eziyindilinga	izinhlangothi eziqondile

Teacher:
Sign:
Date:

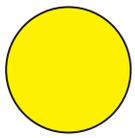
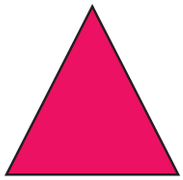
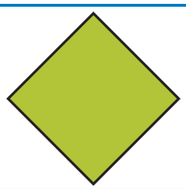
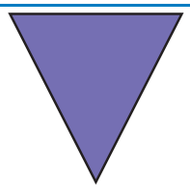
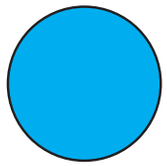
11 12 13 14 15 16 17 18 19 20

Usuku:

Okunye ngezimo ezingonhlangothi - mbili



Nikeza amagama alezi zimo:

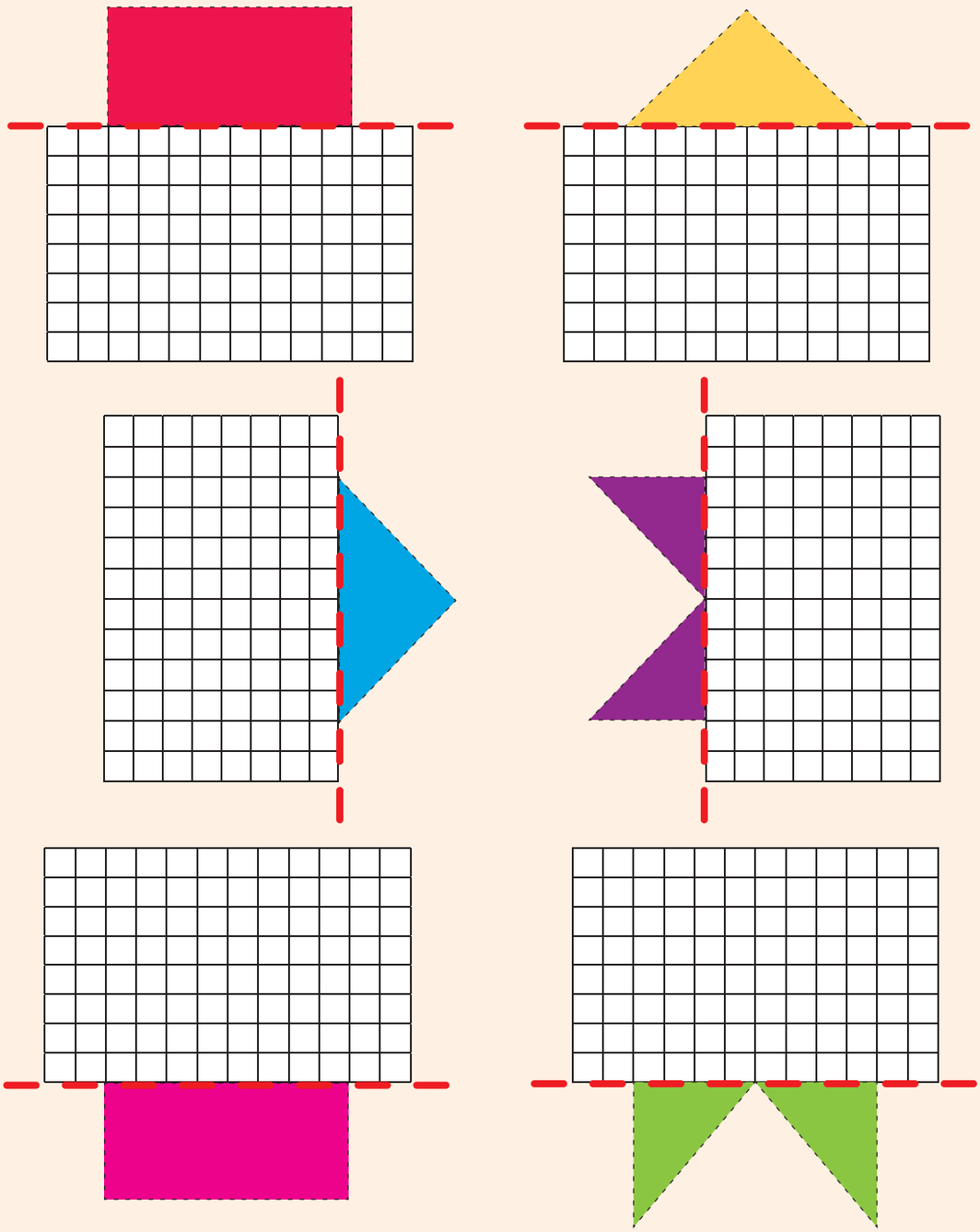


Dweba isithombe sakho usebenzisa iziyingi, onxantathu kanye nezikwele.

0 1 2 3 4 5 6 7 8 9 10



Dweba omunye uhhafu wesimo ngasinye.
Sebenzisa izikwele ezincane.



Zonke zinezinhlangothi eziqondile eziyindilinga .

Teacher:
Sign:
Date:

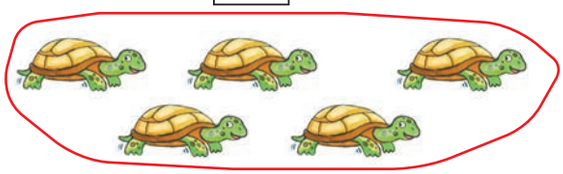
112

Usuku:

Amaqoqo okungakuhlanu kufinyelele ema-20

Dweba iziyingi uzenze amaqoqo okungakuhlanu.
Mangaki amaqoqo okungakuhlanu onawo?

Iqoqo eli- [1] elinokungaku-5



[ ] amaqoqo anokungaku-5



[ ] amaqoqo anokungaku-5



[ ] amaqoqo anokungaku-5



Bala inani leminwe. Bhala phansi impendulo yakho.



5 + 5 + 5 = [ ]



5 + 5 + 5 + 5 = [ ]



5 + 5 + 5 + 5 + 5 = [ ]

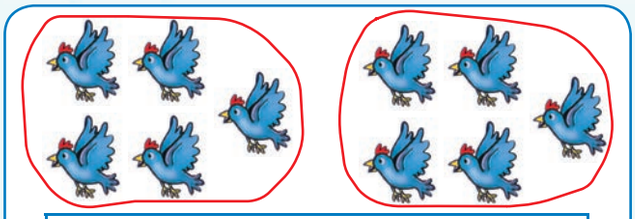


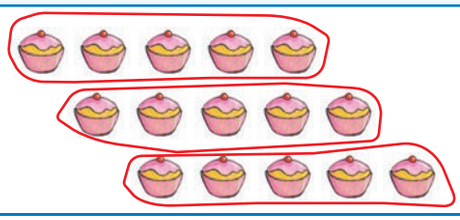
5 + 5 + 5 + 5 + 5 + 5 = [ ]

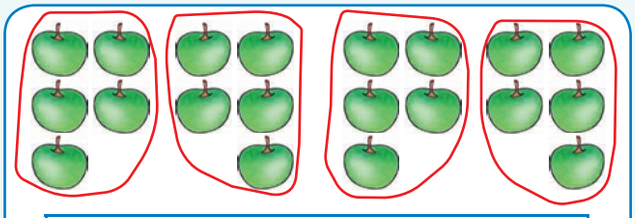
0 1 2 3 4 5 6 7 8 9 10



Bhala umusho wezinombolo walokhu ngakunye:









Phendula imibuzo.



Zingaki izinhlamvu zama-5c ozibonayo?

Zibhale zibe wumusho wezinombolo:

Gcwalisa izinombolo ezingekho.

1	2	3	4		6	7	8	9	
11	12	13	14		16	17	18	19	

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

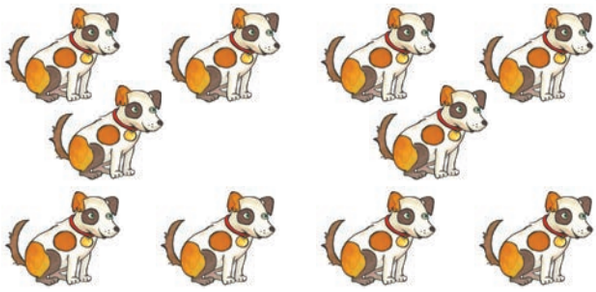
113

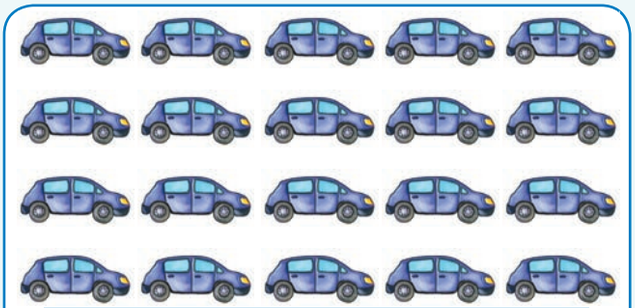
Usuku:

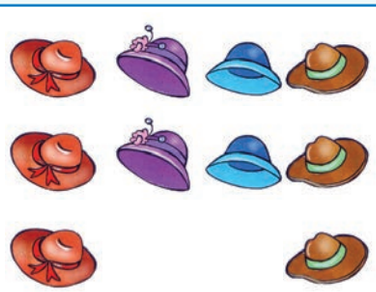
Okungakuhlanu – ukuhlanganisa okuphindaphindiwe okufinyelela ema-20

1 Yenza amaqoqo okungakuhlanu ubhale umusho wezinombolo ngawo.









2 Dweba amaqoqo ezimo ukukhombisa umusho wezinombolo.

5 + 5 + 5 = ☐

5 + 5 + 5 + 5 = ☐

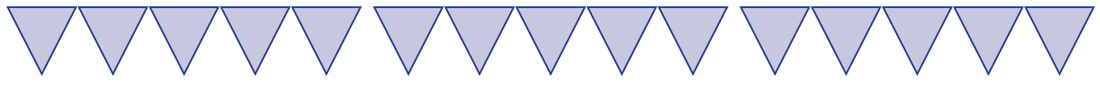
0 1 2 3 4 5 6 7 8 9 10



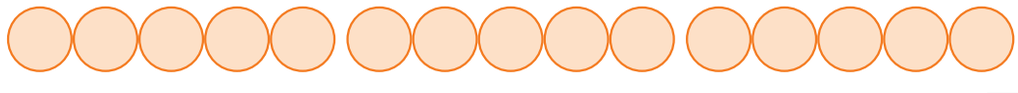
Bhala umusho wezinombolo walokhu ngakunye:



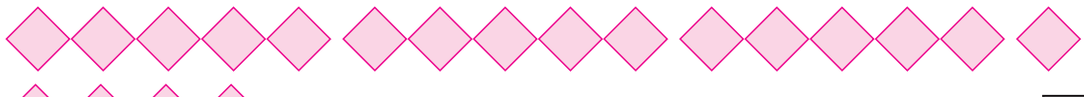
5 + 5 = ☐



☐



☐



☐



Okuhlanu kuvela kangaki uma ubala izinombolo? _____

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

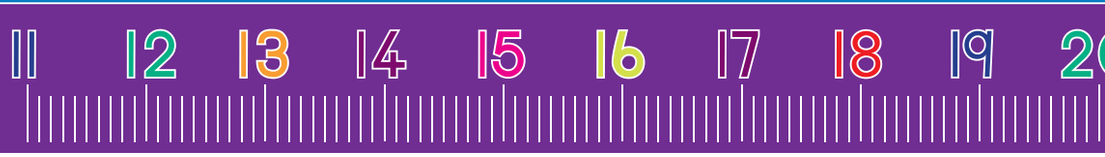


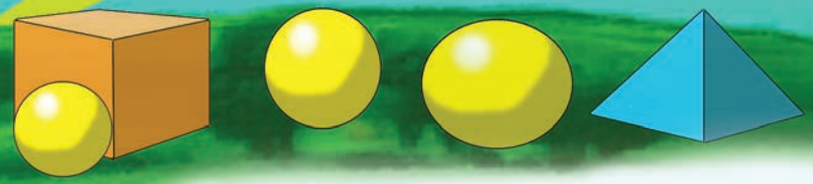
Kunezandla ezi-3 efasiteleni. Mingaki iminwe esefasiteleni?
Dweba isithombe ubhale ngaso umusho wezinombolo.



Teacher:
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Date:





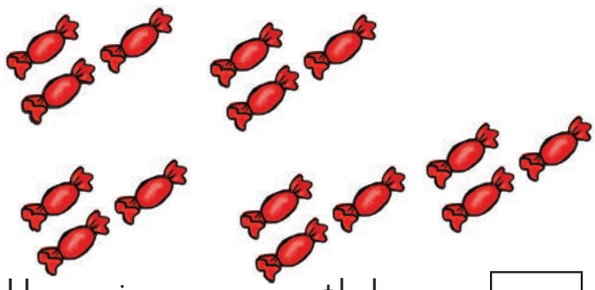


Usuku:

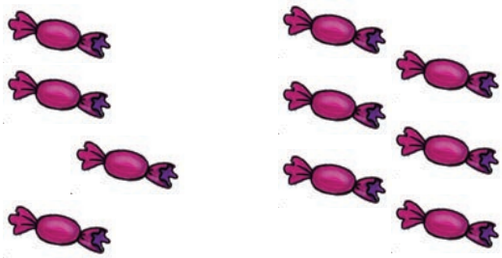
Ukwabelana okufinyelela ema-20



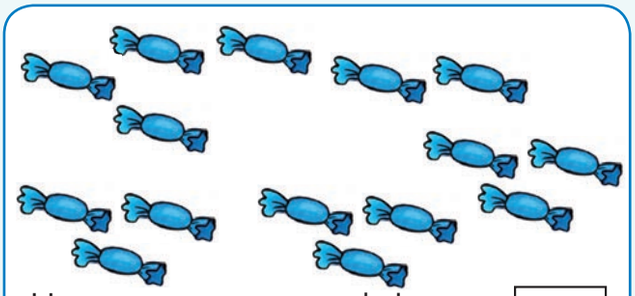
Yabela abangani abahlanu amaswidi.
Mangaki amaswidi azotholwa ngumngani ngamunye?



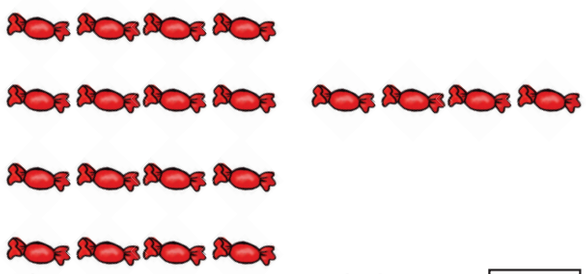
Umngani ngamunye uzothola amaswidi a-



Umngani ngamunye uzothola amaswidi a-



Umngani ngamunye uzothola amaswidi a-



Umngani ngamunye uzothola amaswidi a-

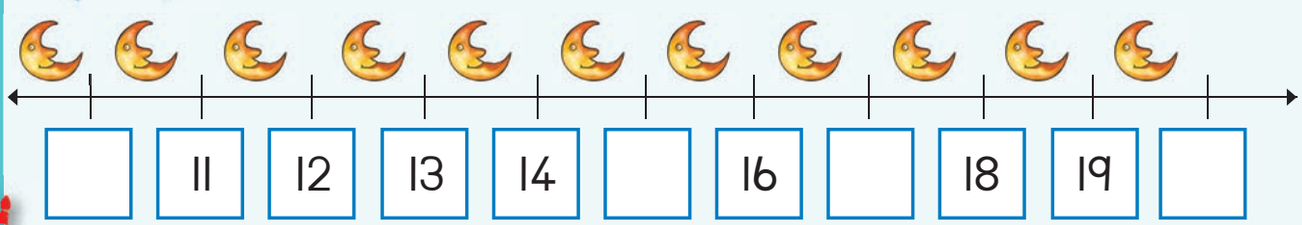


Faka umbala iziphindaphindi zokuhlanu.

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

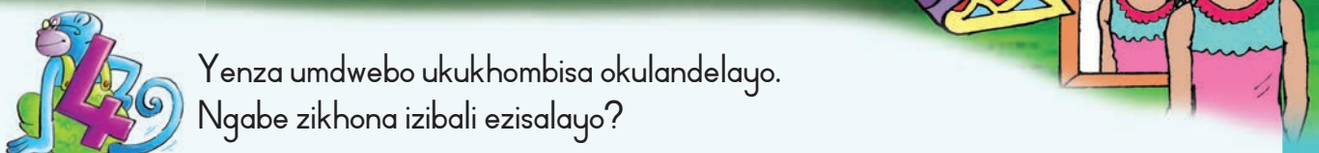


Gcwalisa izinombolo ezingekho.



	11	12	13	14		16		18	19	





Yenza umdwebo ukukhombisa okulandelayo.
Ngabe zikhona izibali ezisalayo?

Yabela abantwana abahlanu izibali eziyi-10. Kusala izibali ezi- ☐ .	Yabela abantwana abahlanu izibali eziyi-6. Kusala izibali ezi- ☐ .
Yabela abantwana abahlanu izibali eziyi-11. Kusala izibali ezi- ☐ .	Yabela abantwana abahlanu izibali eziyi-16. Kusala izibali ezi- ☐ .

Bhala umusho wezinombolo walokhu ngakunye:



5 + 5 = ☐



☐



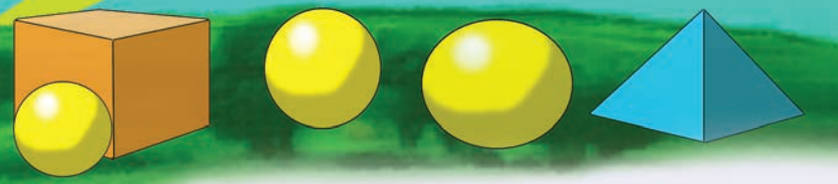
☐



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Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



Usuku:

Amaphethini ezinombolo – 5 kuya e-100



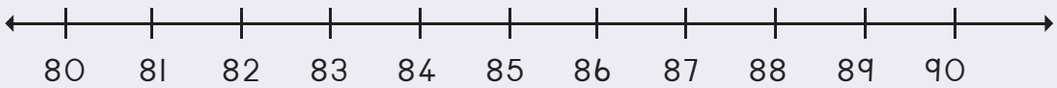
Qedela iphethini ngokufaka umbala ngeziphindaphindi zokuhlanu.

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

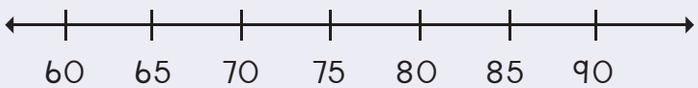


Dweba ihuphu ukukhombisa lokhu okulandelayo:

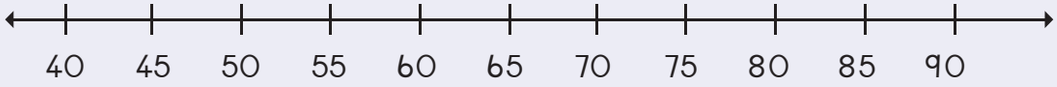
86, 88, 90



70, 75, 80



55, 60, 65, 70





Sebenzisa iwashi ukukhombisa ukubala kwalo imizuzu ngamihlanu.

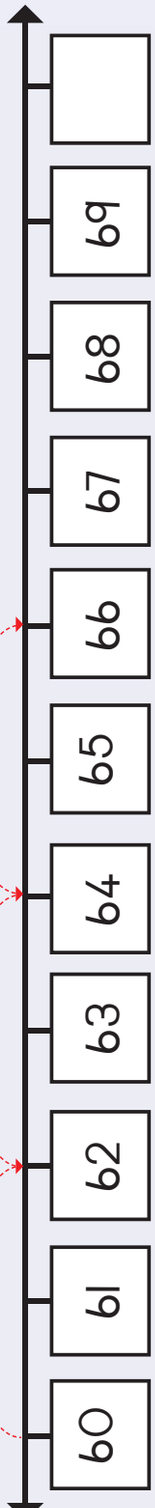


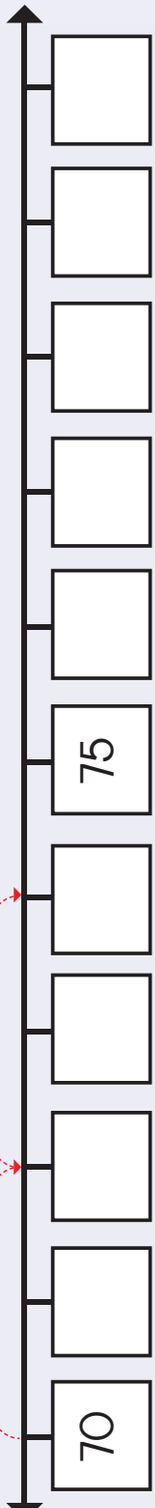


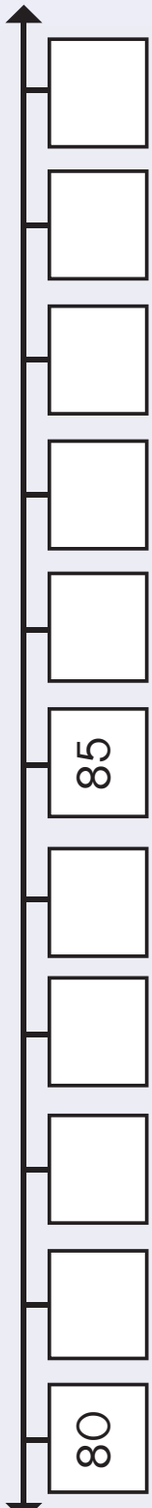


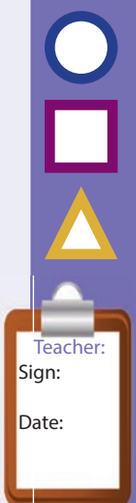
Beka izinombolo ezivela kokusikwayo kwesi-2 ezindaweni ezifanele lapho izinombolo zingekho khona kulo mugqa wezinombolo, bese uqedela ihuphu.

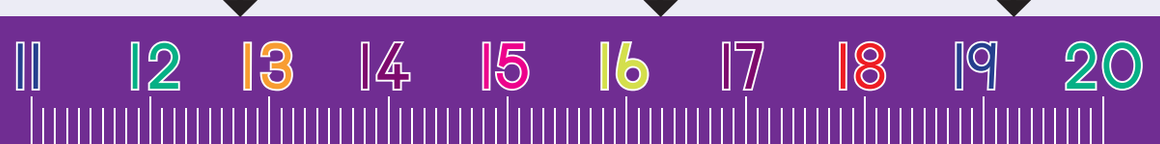




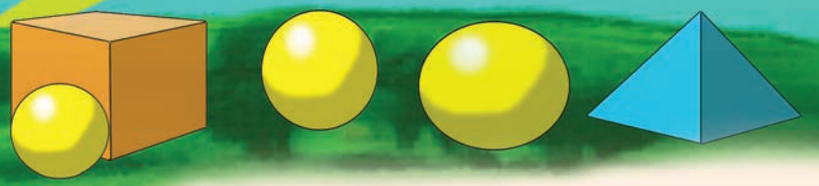








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Usuku:

Isikhundla kanye nendlela okuvela ngayo



Qondanisa ingaphambili lesilwane nengemuva laso.

Ingaphambili	Ingemuva
	
	
	
	



Kokelezela umcibisholo ofana nalo osendaweni ehlikihliwe.

↑			
↓			
←			
→			

→	←	↑	↓
↑	↓	→	←
→	←	↑	↓
↑	←	↓	→

0 1 2 3 4 5 6 7 8 9 10



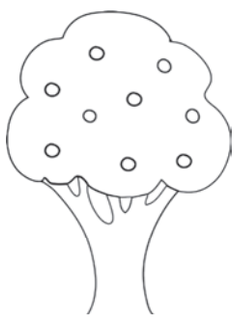
Faka umbala okhombisa ukuthi sibukwa ngaphi isilwane.

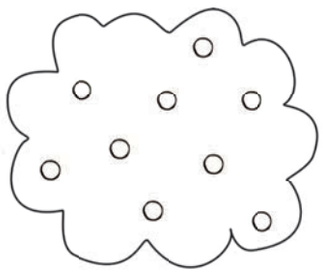
		
Ingaphezulu	Ingaphezulu	Ingemuva
Uhlangothi	Uhlangothi	Uhlangothi
Ingaphambili	Ingaphambili	Ingaphambili

Lingaphi ikati?
Faka umbala empendulweni efanele.

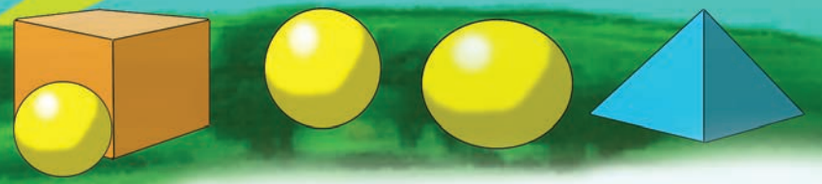
		
Lingemuva	Lingemuva	Lingemuva
Lingaphambili	Lingaphambili	Lingaphambili
Liseceleni	Liseceleni	Liseceleni

Buka izithombe ezintathu.
Faka umbala kulokhu lapho kuvelelwe ngaphezulu.





Teacher:
Sign:
Date:

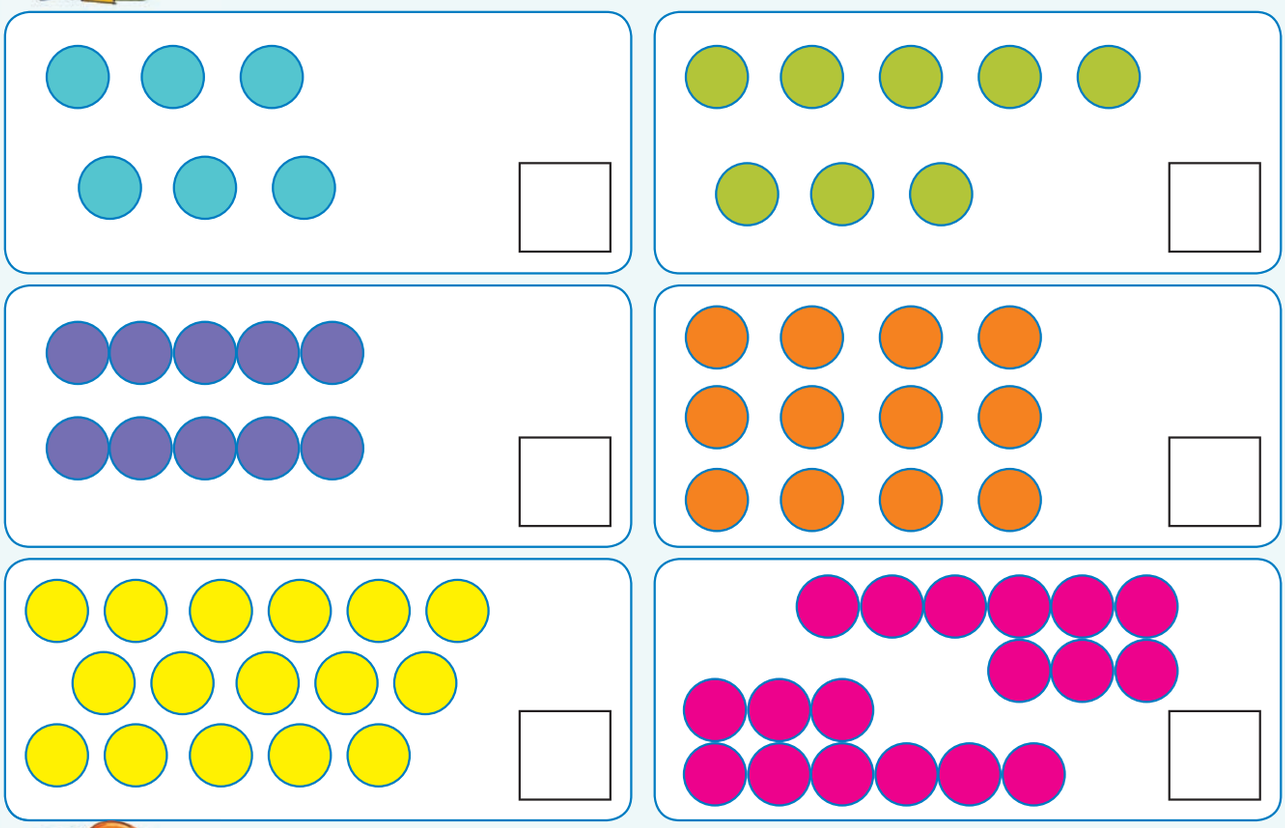


Usuku:

Amaqoqo anokungakubili kufinyelela ema-20

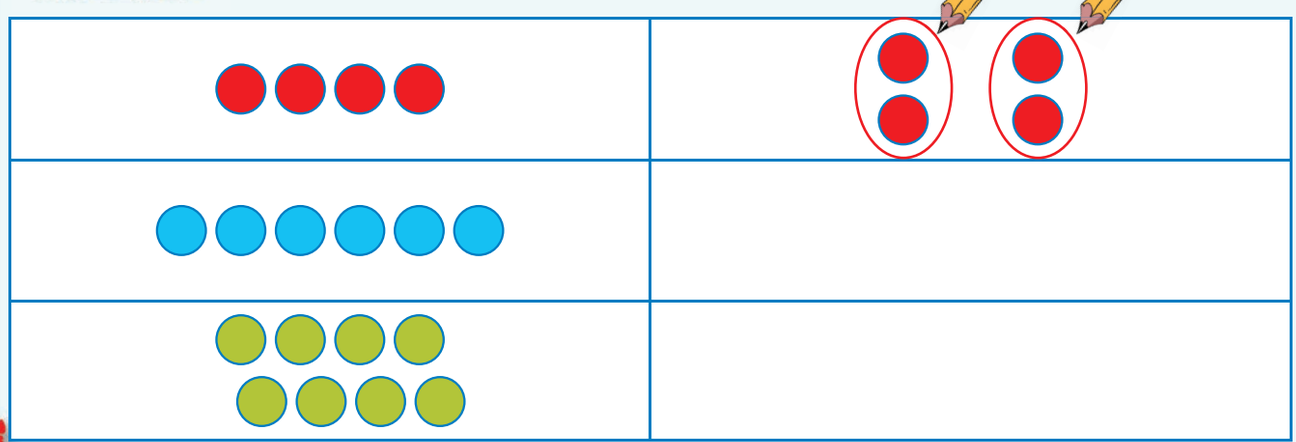


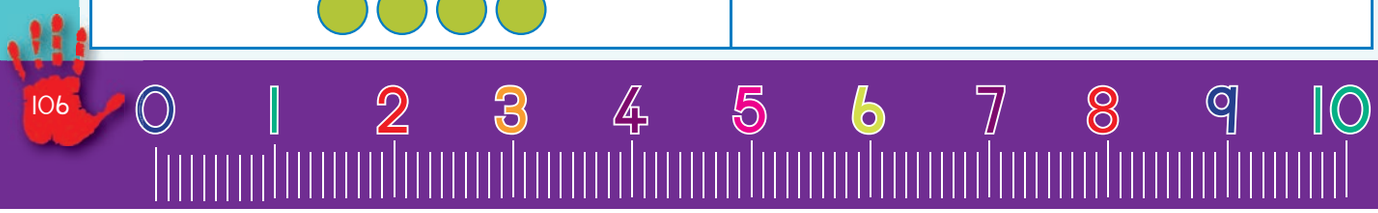
Yenza amaqoqo anokungakubili. Bhala phansi inani lamaqoqo.

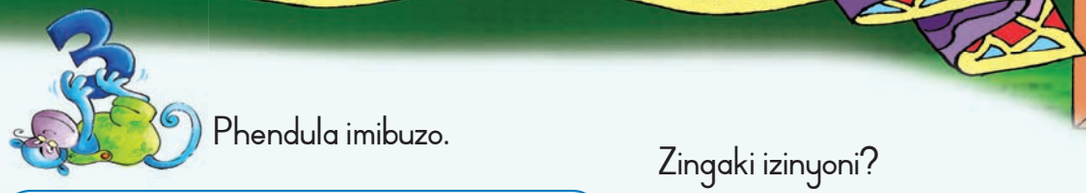




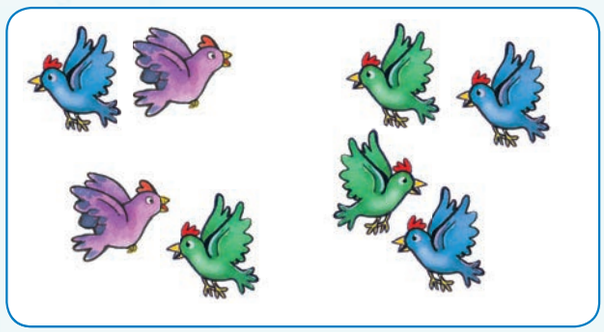
Yenza amaqoqo ezinto ezingambili. Dweba amaqoqo.







Phendula imibuzo.



Zingaki izinyoni?

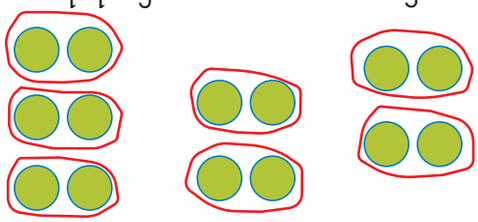
Mangaki amaqoqo ezinto ezingambili ongawenza?

Bhala umusho wezinombolo.



Dweba iziyingi ukwenza lokhu okulandelayo:

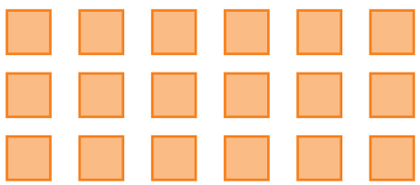
amaqoqo ayi-7 ezinto ezihamba nga-2



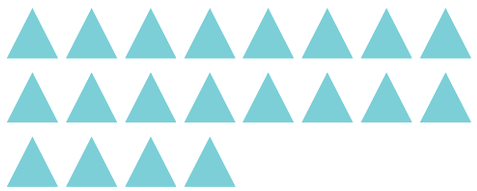
amaqoqo ayi-8 ezinto ezihamba nga-2



amaqoqo ayi-9 ezinto ezihamba nga-2

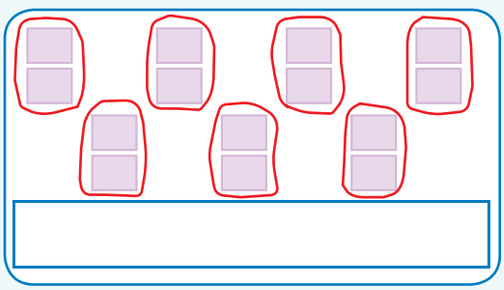


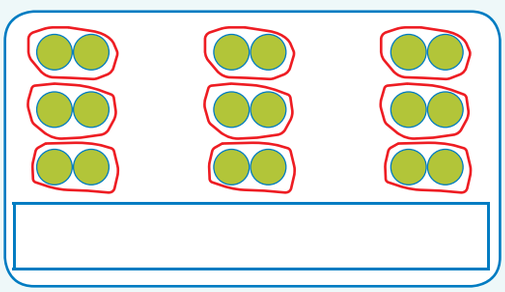
amaqoqo ayi-10 ezinto ezihamba nga-2

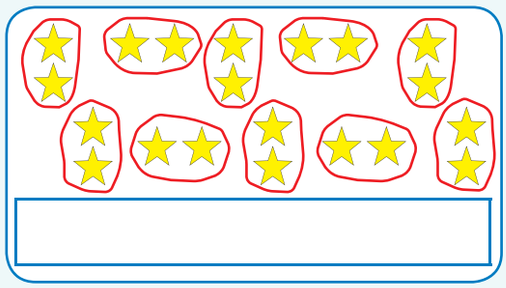


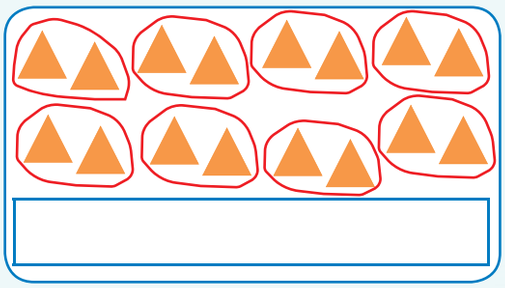


Bhala umusho wezinombolo ngalokhu:





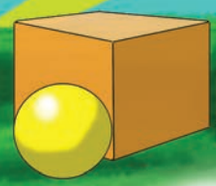


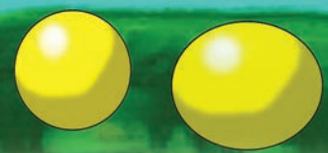




Teacher:
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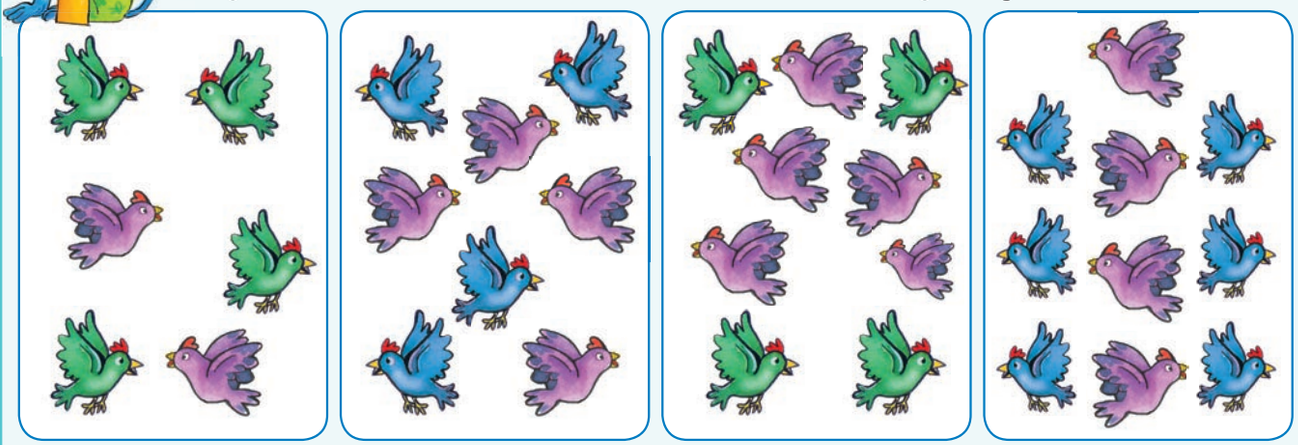


Usuku:

Okungakubili – ukuhlanganisa okuphindaphindekayo kufinyelele ema-20



Mingaki imilenze? Bhala umusho wezinombolo walokhu ngakunye.





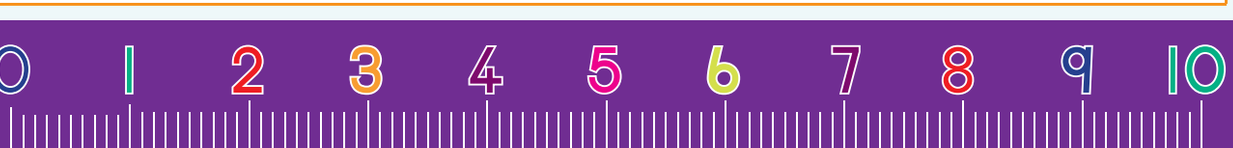
Dweba izimo zalokhu okulandelayo:

2 + 2 + 2 + 2 + 2 + 2 + 2 = 14

2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 =

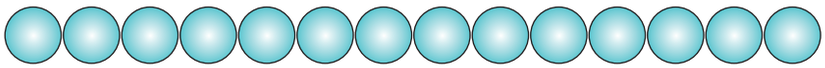
2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 =

2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 =

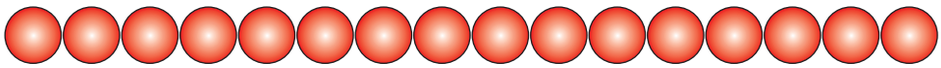


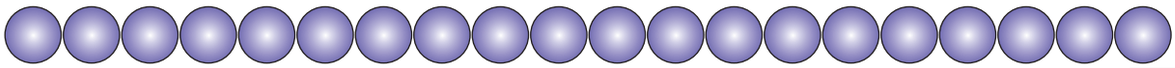


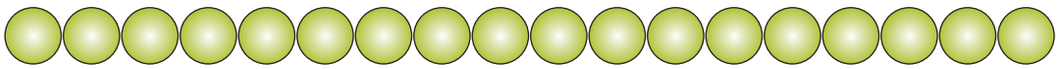
Bhala umusho wezinombolo ngalokhu:



2 + 2 + 2 + 2 + 2 + 2 + 2 =







Faka umbala eziphindaphindini zokubili.

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

Nginamaphakethe ayi-6 anamaswidi ama-2 ephaketheni ngalinye. Mangaki amaswidi enginawo esewonke? Dweba isithombe bese ubhala umusho wezinombolo.

Nginamaswidi a- .

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Usuku:

Amaphethini ezinombolo – okungakubili kufinyelele e-100



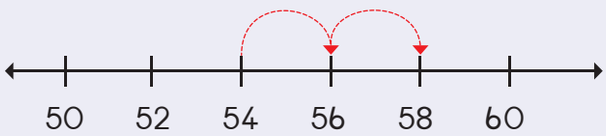
Qedela iphethini ngokufaka izinombolo umbala.

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

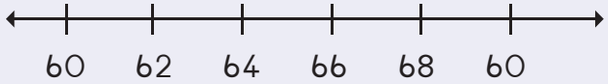


Dweba amahuphu ukukhombisa okulandelayo:

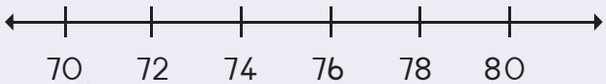
54, 56, 58



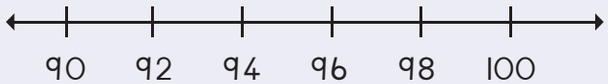
64, 66, 68



74, 76, 78



94, 96, 98



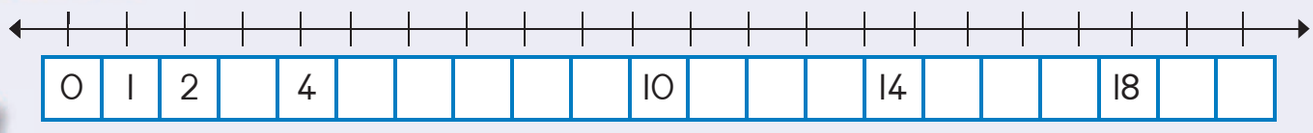


Gcwalisa izinombolo ezingekho. Faka umbala iphethini lalokhu: 2, 4...

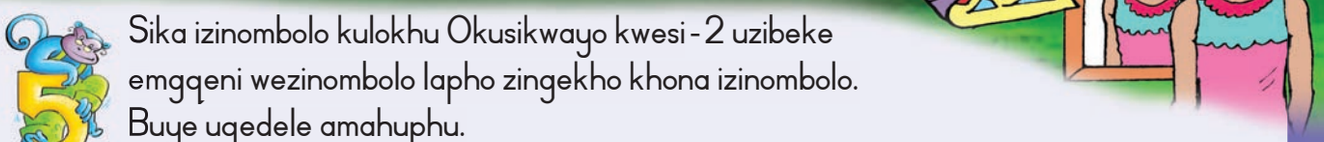
1		3				7			10
11						17			20



Qedela umugqa wezinombolo.





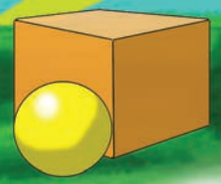


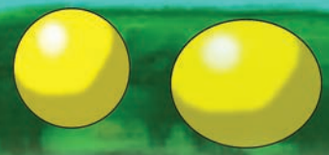
Sika izinombolo kulokhu Okusikwayo kwesi-2 uzibeke emgqeni wezinombolo lapho zingekho khona izinombolo. Buye uqedele amahuphu.

69	79	89	99
67	77	87	97
65	75	85	95
63	73	83	93
61	71	81	91
60	70	80	90

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



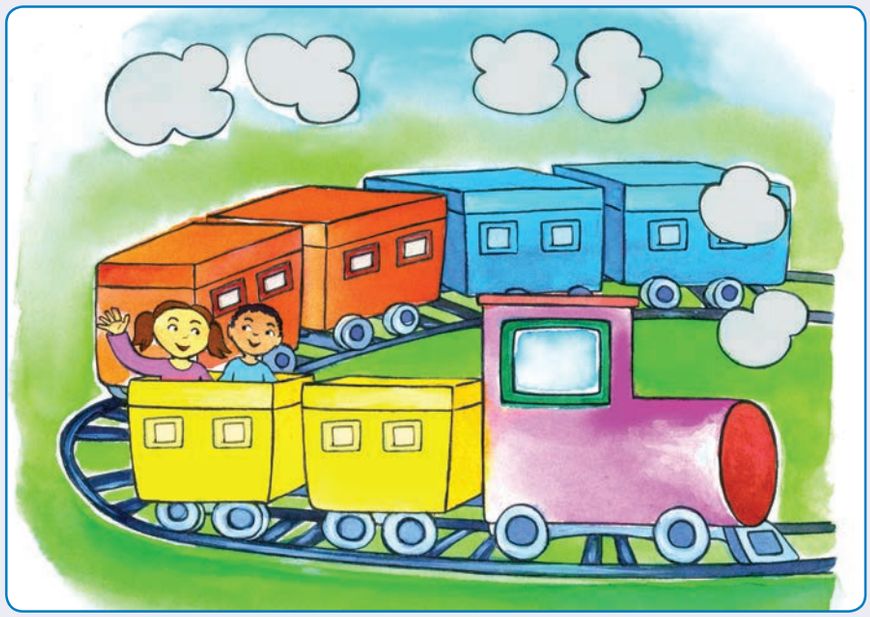


Usuku:

Amaphethini ezinombolo – okungakubili kufinyelele e-100



Akhona yini amaphethini owabonayo okungakubili?

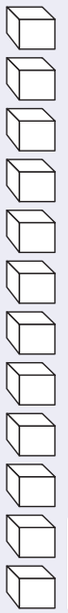


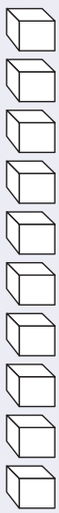


Faka umbala emabhulokhini ukukhombisa amaqoqo okubili.
Bala uthole ukuthi amaqoqo mangaki.



4



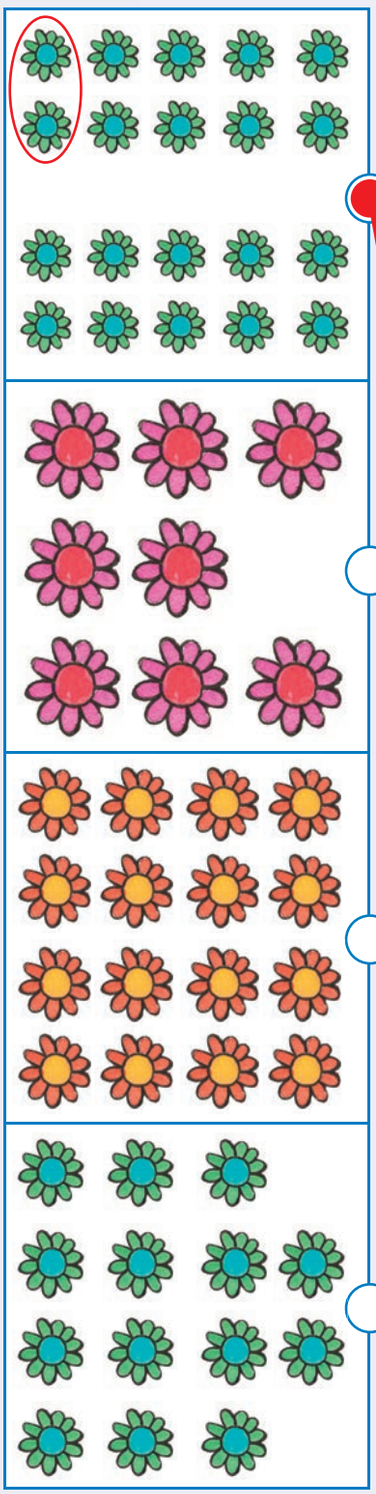








Qondanisa amaqoqo ezinto ezingambili nomusho wezinombolo ngokudweba umugqa.



$2 + 2 + 2 + 2 = 8$

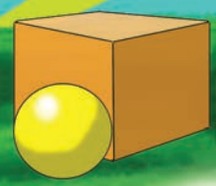
$2 + 2 + 2 + 2 + 2 + 2 + 2 = 14$

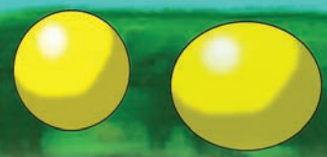
$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = 20$

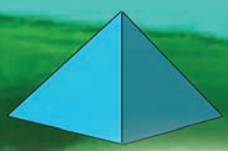
$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = 16$

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20





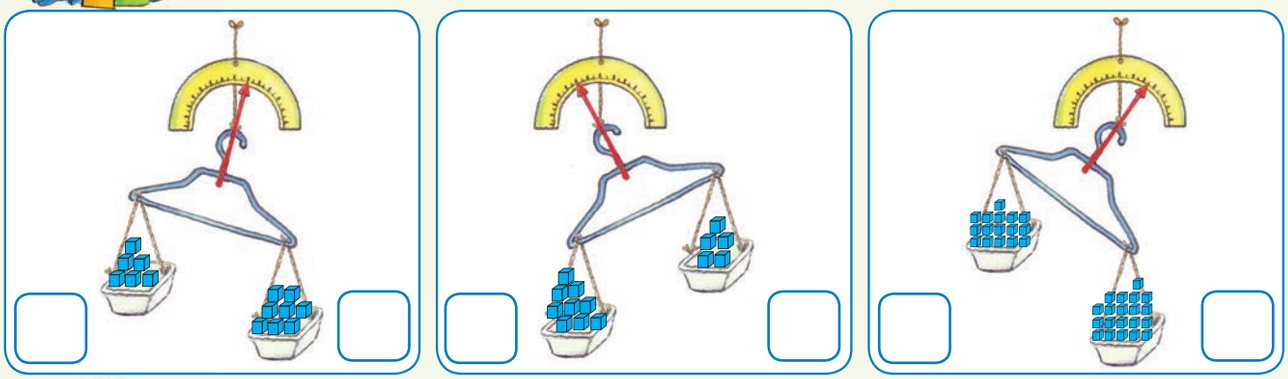


Usuku:

Isisindo

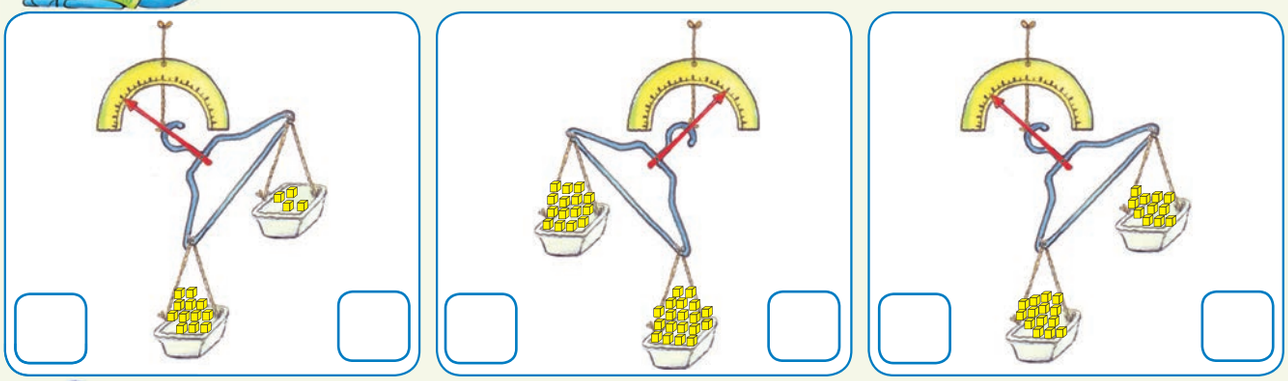


Bhala usho ukuthi mangaki amabhulokhi esiqukathini ngasinye.
Kokelezela isiqukathi esisinda kakhudlwana.



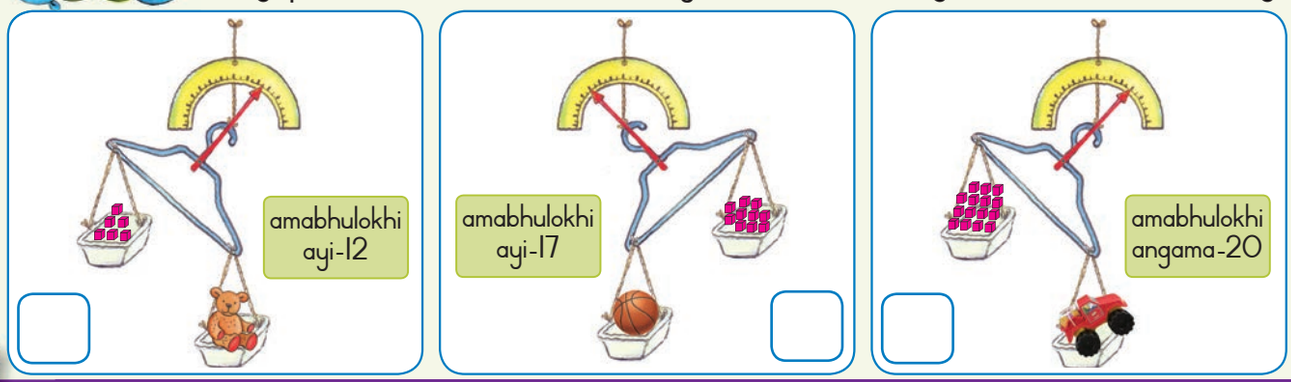


Bhala ukuthi mangaki amabhulokhi esiqukathini ngasinye.
Kokelezela isiqukathi esilulana.

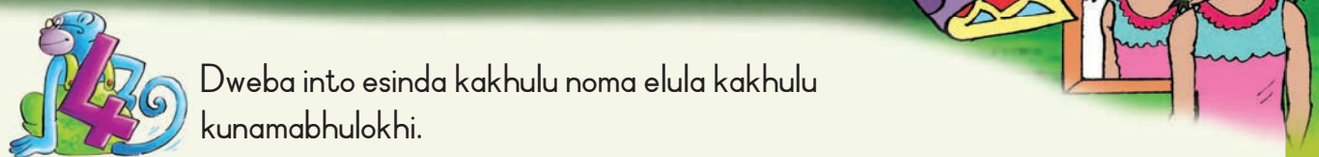




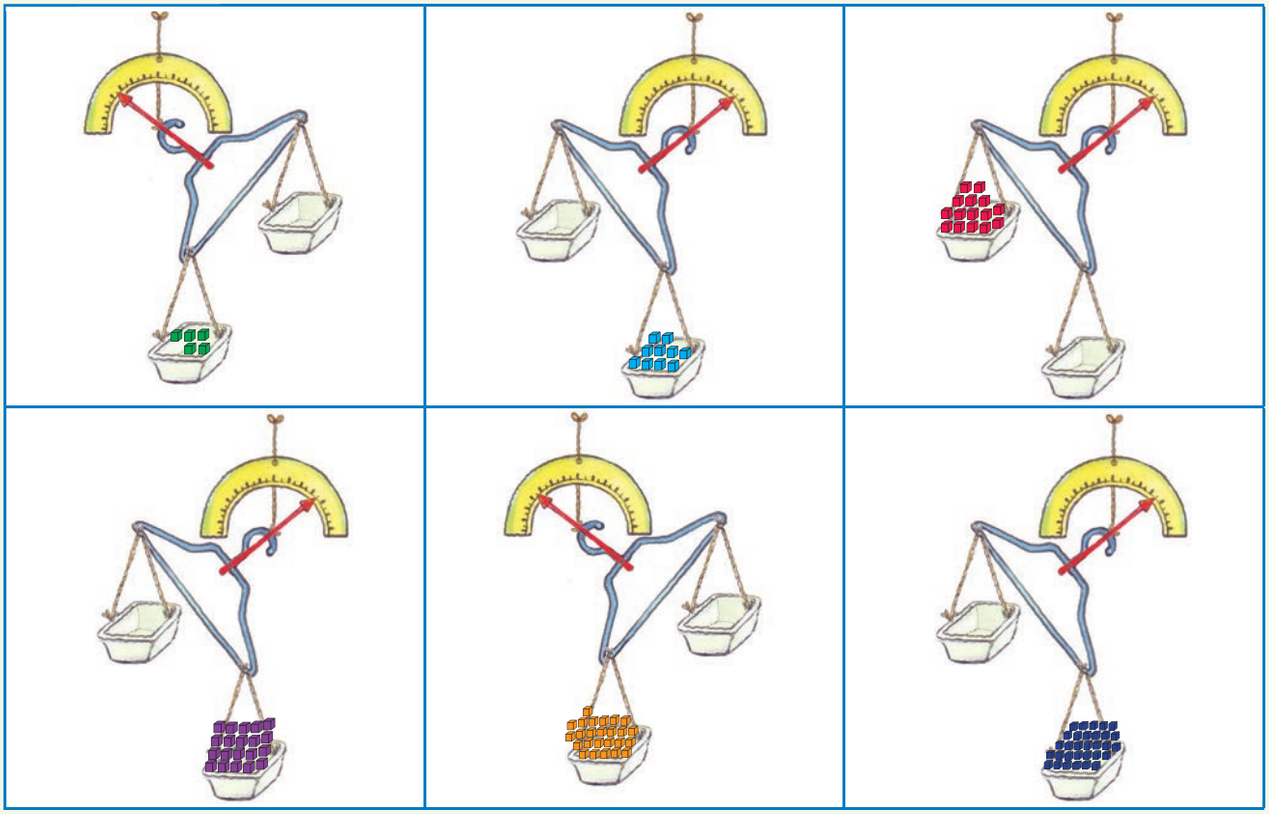
Bala uthole ukuthi mangaki amabhulokhi. Manje thola ukuthi mangaki amanye amabhulokhi azokwengezwa ukuze ithoyisi likwazi ukusinda ngokulingana ngapha nangapha. Sizokutshela ukuthi ithoyisi linesisindo esilingana amabhulokhi amangaki.







Dweba into esinda kakhulu noma elula kakhulu kunamabhulokhi.



Sebenzisa izinto ezi-5 ongazithola edeskini lakho. Okokuqala hlawumbisela ukuthi zisinda kangakanani bese uzibeka esikalini ukuthola ukuthi uhlawumbisele wasondela kangakanani.

Dweba le nto	Qagela	Isisindo	Umahluko
	amabhulokhi a-___	amabhulokhi a-___	___ – ___ = ____

Teacher:
Sign:
Date:

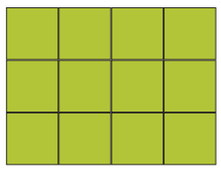
Usuku:

Ukuphinda kabili

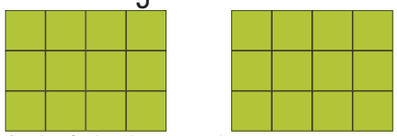


Phendula imibuzo?

Kukhona izikwele ezingaki?

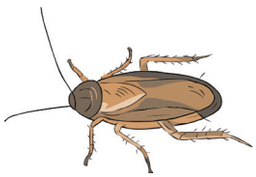


Zingaki izikwele manje?

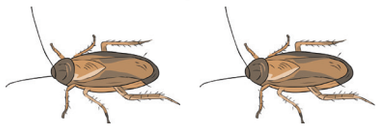


Sithi phinda kabili okuyi-12 nokungama-24.

Kukhona imilenze emingaki?



Mingaki imilenze manje?

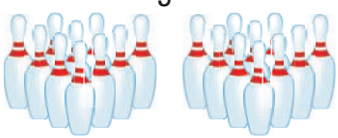


Sithi phinda kabili okuyi-6 uzothola

Kunamaskitili amangaki?



Mangaki amaskitili manje?



Sithi phinda kabili okuyi-10 uzothola

Zingaki izinsuku esontweni?

S	M	T	W	T	F	S

Zingaki izinsuku emasontweni amabili?

S	M	T	W	T	F	S

Sithi phinda kabili okuyi-7 uzothola

Mangaki amakhrayoni?



Mangaki amakhrayoni manje?



Sithi phinda kabili okuyi-8 uzothola

0 1 2 3 4 5 6 7 8 9 10



Gcwalisa impendulo.

Phinda kabili oku-4	=	8
Phinda kabili okuyi-10	=	
Phinda kabili okuyi-11	=	
Phinda kabili oku-2	=	
Phinda kabili okuyi-6	=	



Gcwalisa impendulo.

Phinda kabili okubili uzothola	okune
Phinda kabili okuthathu uzothola	
Phinda kabili okune uzothola	
Phinda kabili okuhlanu uzothola	
Phinda kabili okuyisithupha uzothola	
Phinda kabili okuyisikhombisa uzothola	



Qedela ithebhula.

9 + 9 + 1 =		noma	Phinda kabili 9 + 1 =	
		noma	Phinda kabili 8 + 1 =	
10 + 10 + 1 =		noma		
7 + 7 + 1 =		noma	Phinda kabili 7 + 1 =	

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

123

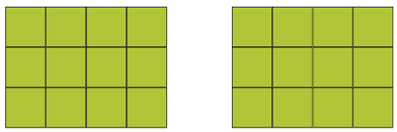
Usuku:

Ukuhhafula

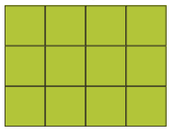


Nikeza impendulo yalokhu okulandelayo:

Zingaki izikwele?

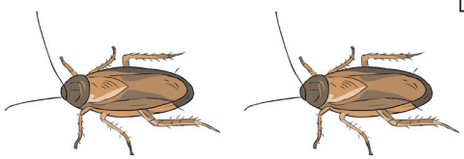


Zingaki izikwele manje?

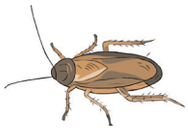


Sithi uhhafu wokungama-24 ngokuyi-12.

Mingaki imilenze?



Mingaki imilenze manje?



Sithi uhhafu wokuyi-12 ngoku-

Mangaki amaskitili?



Mangaki amaskitili manje?



Sithi uhhafu wokungama-20 ngoku-

Zingaki izinsuku emasontweni amabili?

S	M	T	W	T	F	S	S	M	T	W	T	F	S

Zingaki izinsuku zesonto?

S	M	T	W	T	F	S

Sithi uhhafu wokuyi-14 ngoku-

Mangaki amakhrayoni?



Mangaki amakhrayoni manje?



Sithi uhhafu wokuyi-16 ngoku-

0 1 2 3 4 5 6 7 8 9 10



Gcwalisa impendulo.

Uhhafu wokuyi-8	=	4
Uhhafu wokuyi-10	=	
Uhhafu wokuyi-6	=	
Uhhafu wokuyi-12	=	
Uhhafu wokuyi-14	=	



Gcwalisa impendulo.

Uhhafu wokune ngoku-	kubili
Uhhafu wokuyisithupha ngoku-	
Uhhafu wokubili ngoku-	
Uhhafu wokuyisishiyagalombili ngoku-	
Uhhafu wokuyishumi ngoku-	



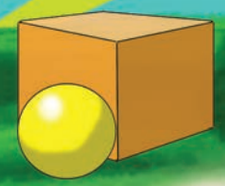
Gcwalisa impendulo.

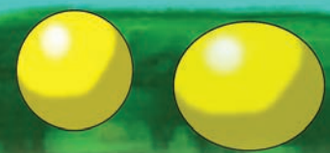
Uhhafu wokuyi-10 ngoku-	5
Uhhafu wokuyi-12 ngoku-	
Uhhafu wokuyi-14 ngoku-	
Uhhafu wokuyi-16 ngoku-	
Uhhafu wokuyi-18 ngoku-	



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



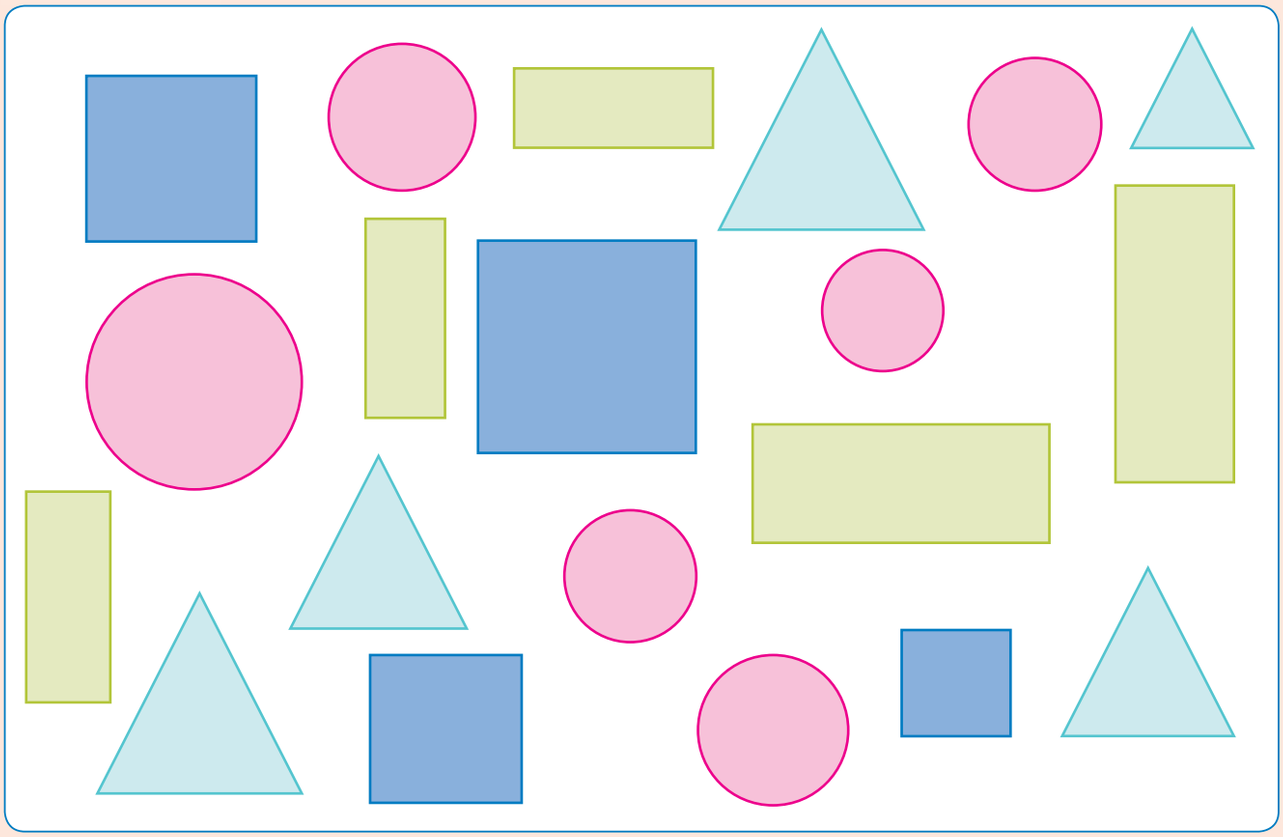


Usuku:

Imininingwane



Bala uthole ukuthi zingaki izimo ezahlukahlukene, bese uphendula imibuzo.



1. Zingaki izikwele ?
2. Bangaki onxantathu ?
3. Bangaki onxande ?
4. Zingaki iziyingi ?





Lezi zithelo zikhethwe ngabangani bakho abangama-20.
Hlela izithelo bese wenza umdwebo kule grafu yezithombe zezithelo ozihlelile bese uphendula imibuzo engezansi.



Izithelo esizithandayo?

Ukhiye = ◯

Istrobheri	I-aphula	Ipheya	Ubhanana	Iwolintshi

Zingaki izingane ezithanda istrobheri?	
Zingaki izingane ezithanda ama-aphula?	
Zingaki izingane ezithanda amapheya?	
Zingaki izingane ezithanda ubhanana?	
Zingaki izingane ezithanda amawolintshi?	
Yiziphi izithelo ezithandwa yizingane kakhulu?	
Yiziphi izithelo ezingathandwa yizingane kakhulu?	

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Usuku:

Imininingwane futhi

Izingane eklasini zinala mathoyisi.
Mangaki amathoyisi ohlotsheni ngalunye?



Qedela ithebhula.

Ithoyisi	Inombolo
Onodoli	
Amaloli	
Othedi	
Amarobhothi	



Qedela igrafu yezithombe ngokudweba inani elifanele lezithombe zabantu abayizinti bohlobo ngalunye lwethoyisi.

Ukhiye = 

Amathoyisi esinawo

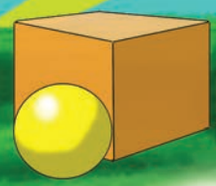
Onodoli	Amaloli	Othedi	Amarobhothi

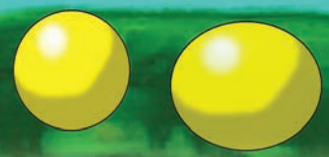
Phendula imibuzo. Uzode ubuka igrafu yezithombe ukuze usizakale.

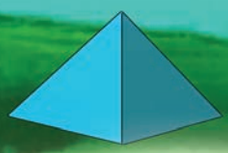
Zingaki izingane ezinawonodoli?	
Zingaki izingane ezinamaloli?	
Zingaki izingane ezinothedi?	
Zingaki izingane ezinamarobhothi?	
Yiliphi ithoyisi elithandwa kakhulu?	
Yiliphi ithoyisi elingathandeki?	

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20





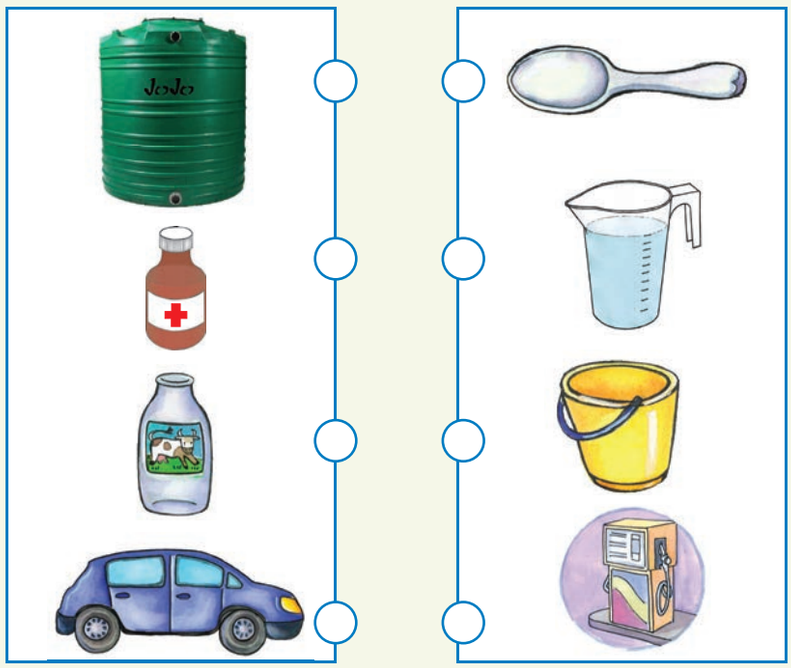


Usuku:

Umthamo

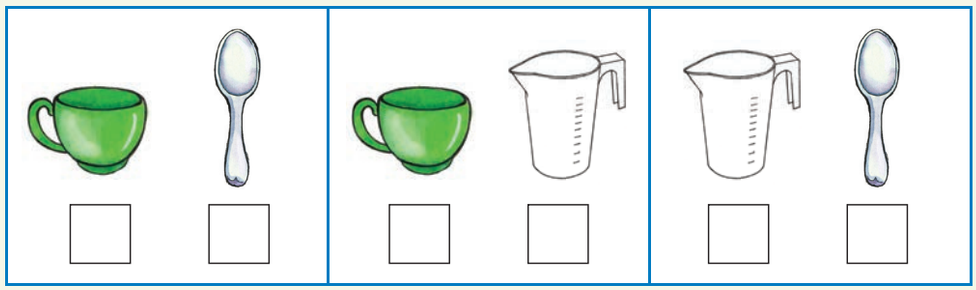


Silukala kanjani uketshezi?
Dweba umugqa uqondanise into nento ekalwa ngayo.



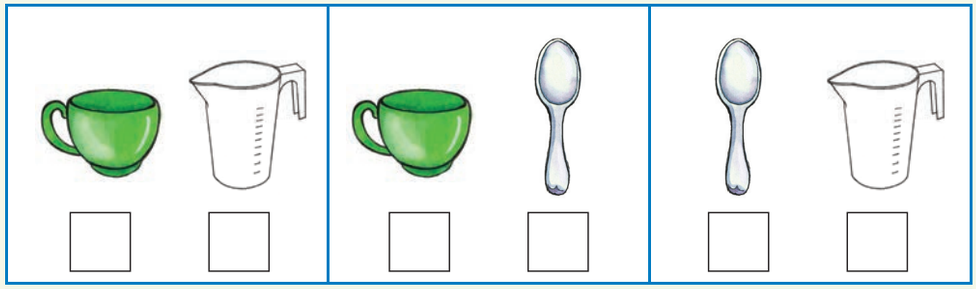


Beka uphawu lokuthikha esiqukathini esinomthamo omncane.



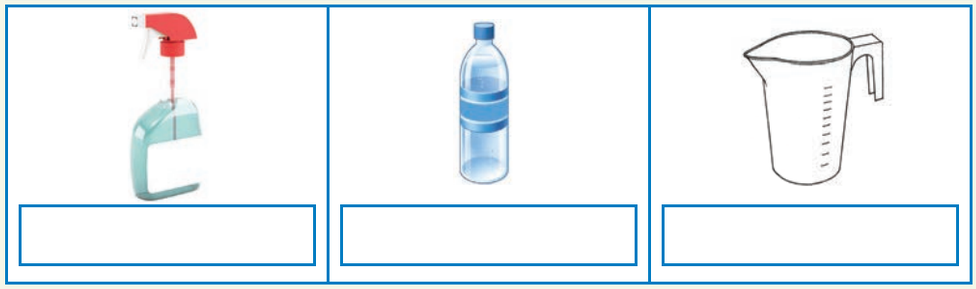


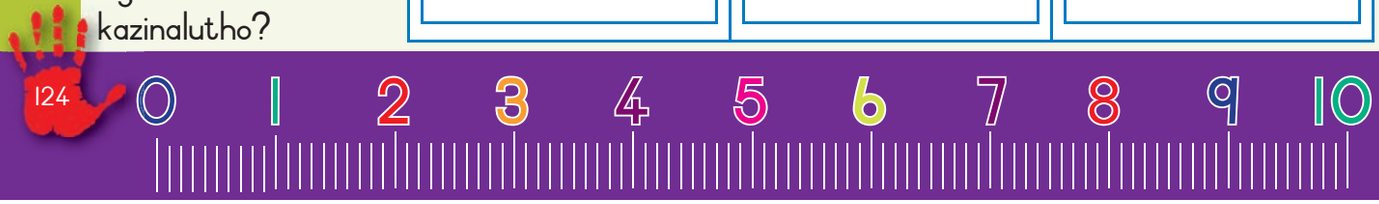
Beka uphawu lokuthikha esiqukathini esinomthamo omkhulu.





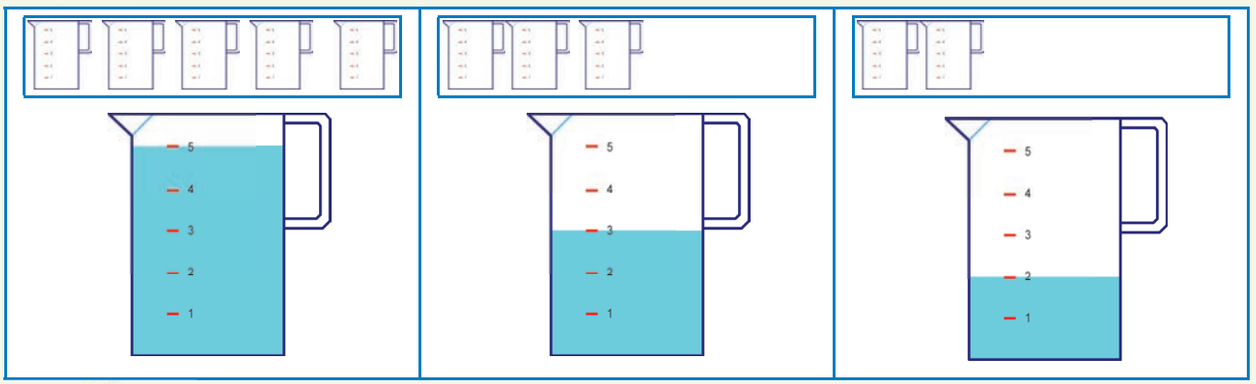
Ngabe lezi ziqukathi zigcwele noma kazinalutho?



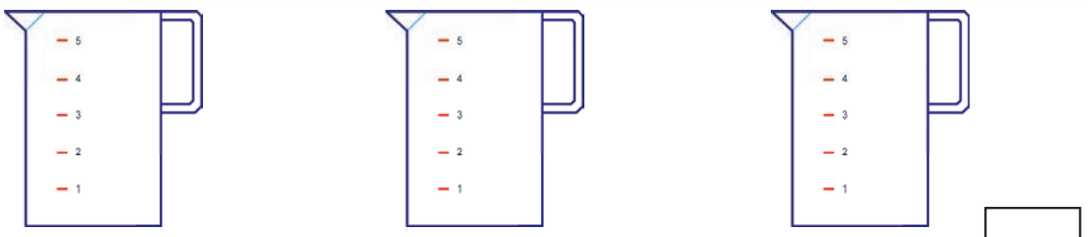




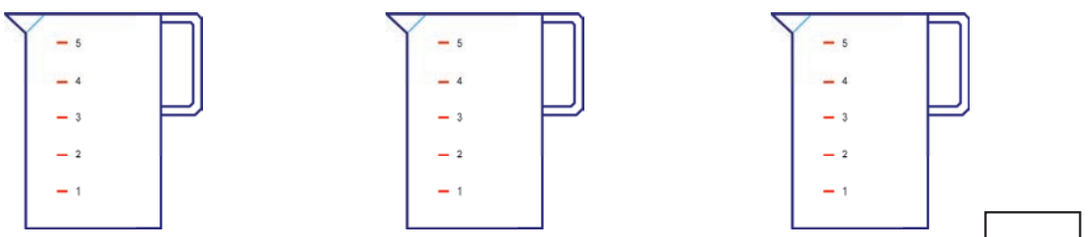
Ngidinga izinkomisi ezinhlanu ukugcwalisa lesi siqukathi. Zingaki izinkomishi engizokwengeza ngazo ukugcwalisa abanye ojeke ababili? Zidwebe?



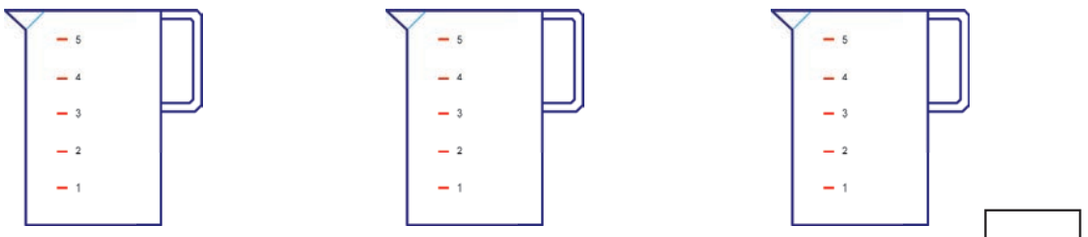
Faka umbala ukhombise ukuthi lungakanani uketshezi.



1 + 2 =

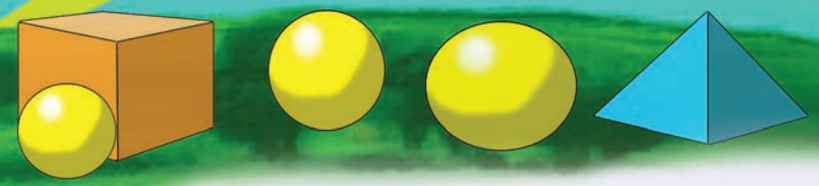


2 + 2 =



2 + 3 =

Teacher:
Sign:
Date:

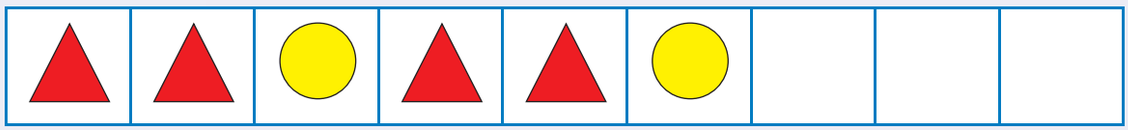


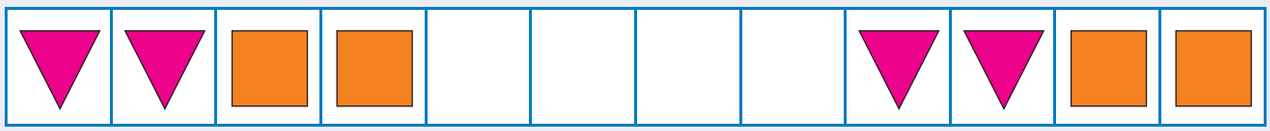
Usuku:

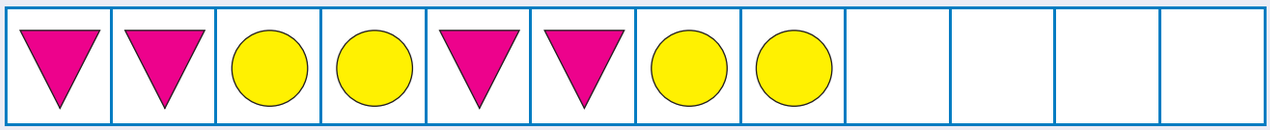
Amaphethini ejiyomethri

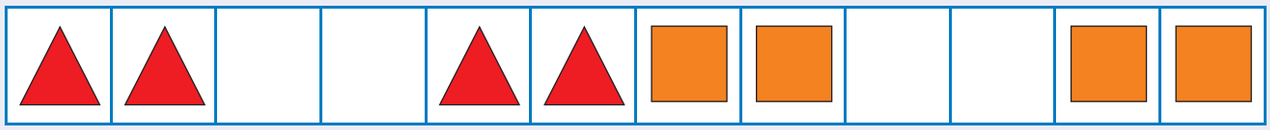


Qedela amaphethini.







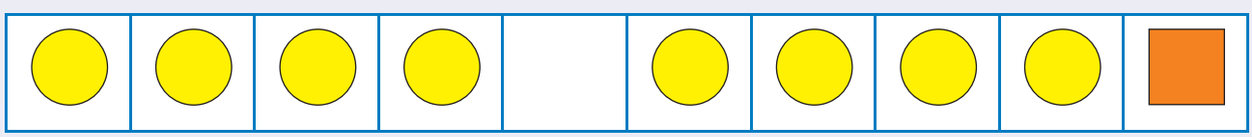


A	B	C	D	A	B	C	D				

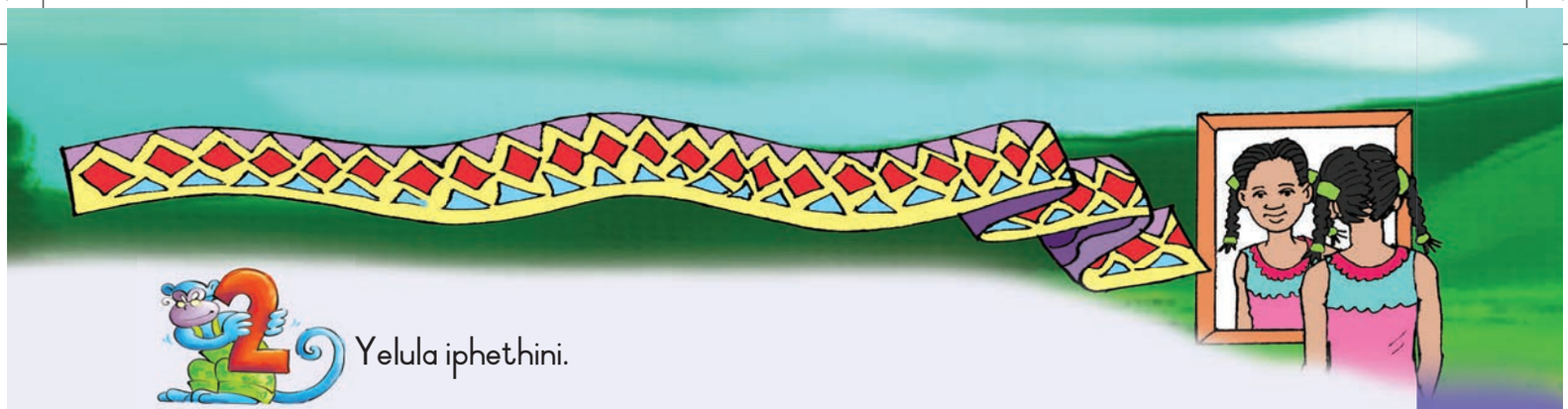
A	B	B	A	B	B		B	B	A		

A	B	C	A	B	C				A	B	C

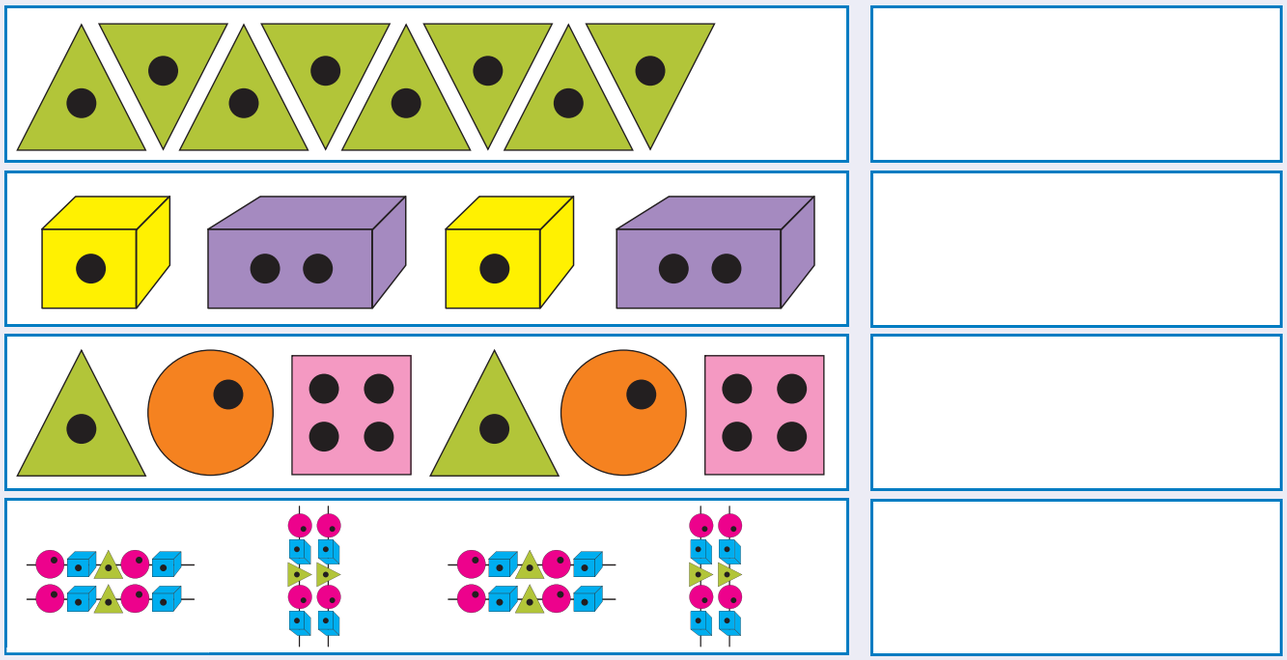
A	D	A	D	A	D			A	D		







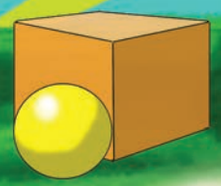
2 Yelula iphethini.

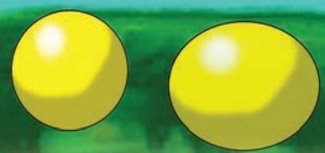


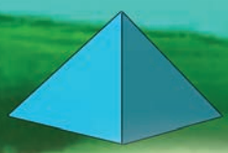
3 Yakha amaphethini akho usebenzise iziyingi, izikwele nawonxantathu.

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20





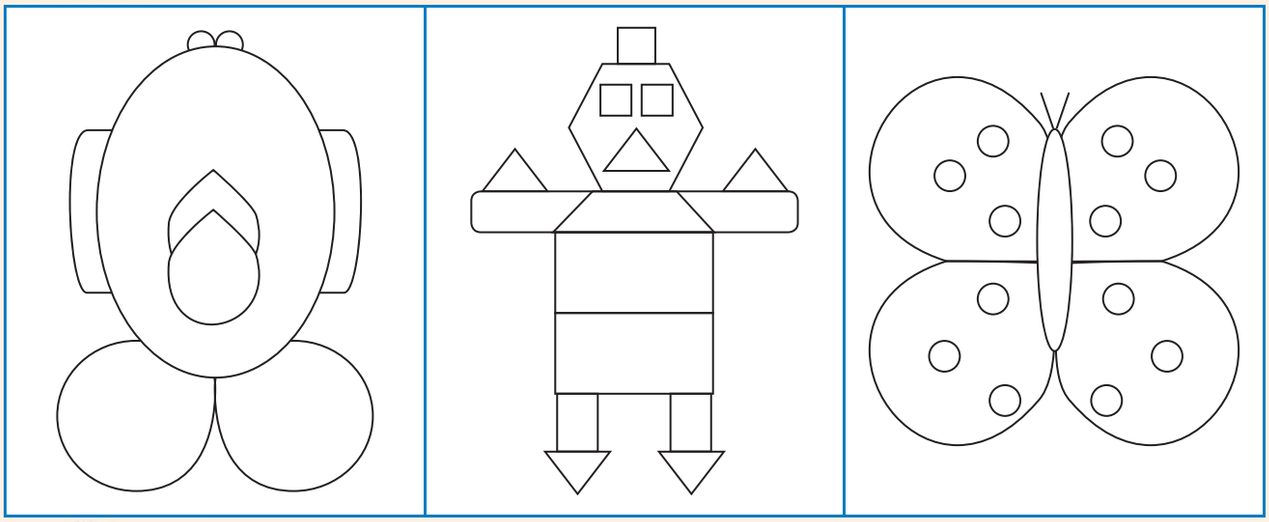


Usuku:

Okunhlangothi zifana ncamashi

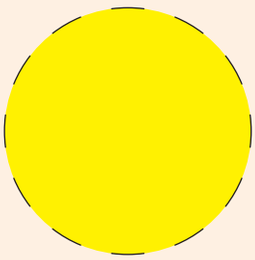


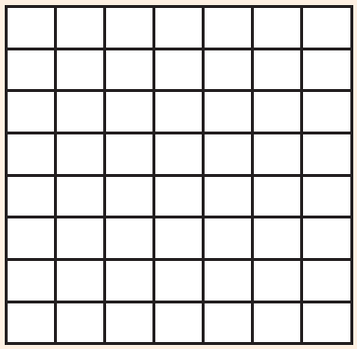
Dweba umugqa ohlukanisa phakathi isithombe ukuze ohhafu bobabili bafane nse.
Faka umbala owodwa uhhafu esithombeni ngasinye.



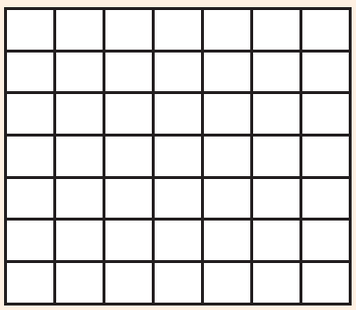


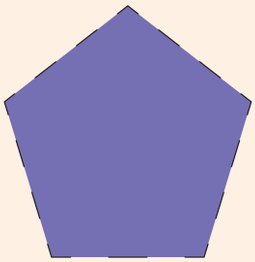
Kopisha lezi zimo, bese udweba umugqa phakathi nendawo.

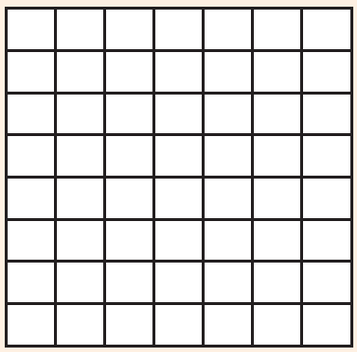




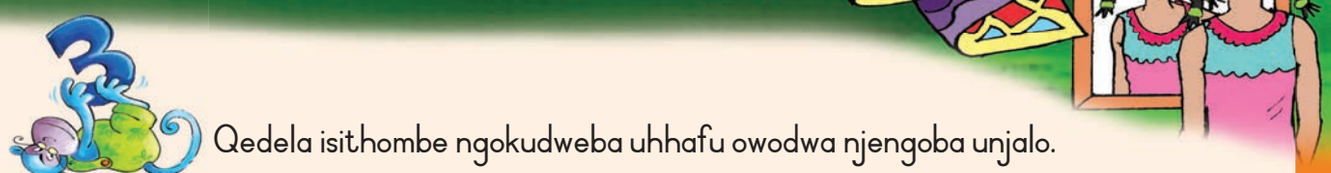




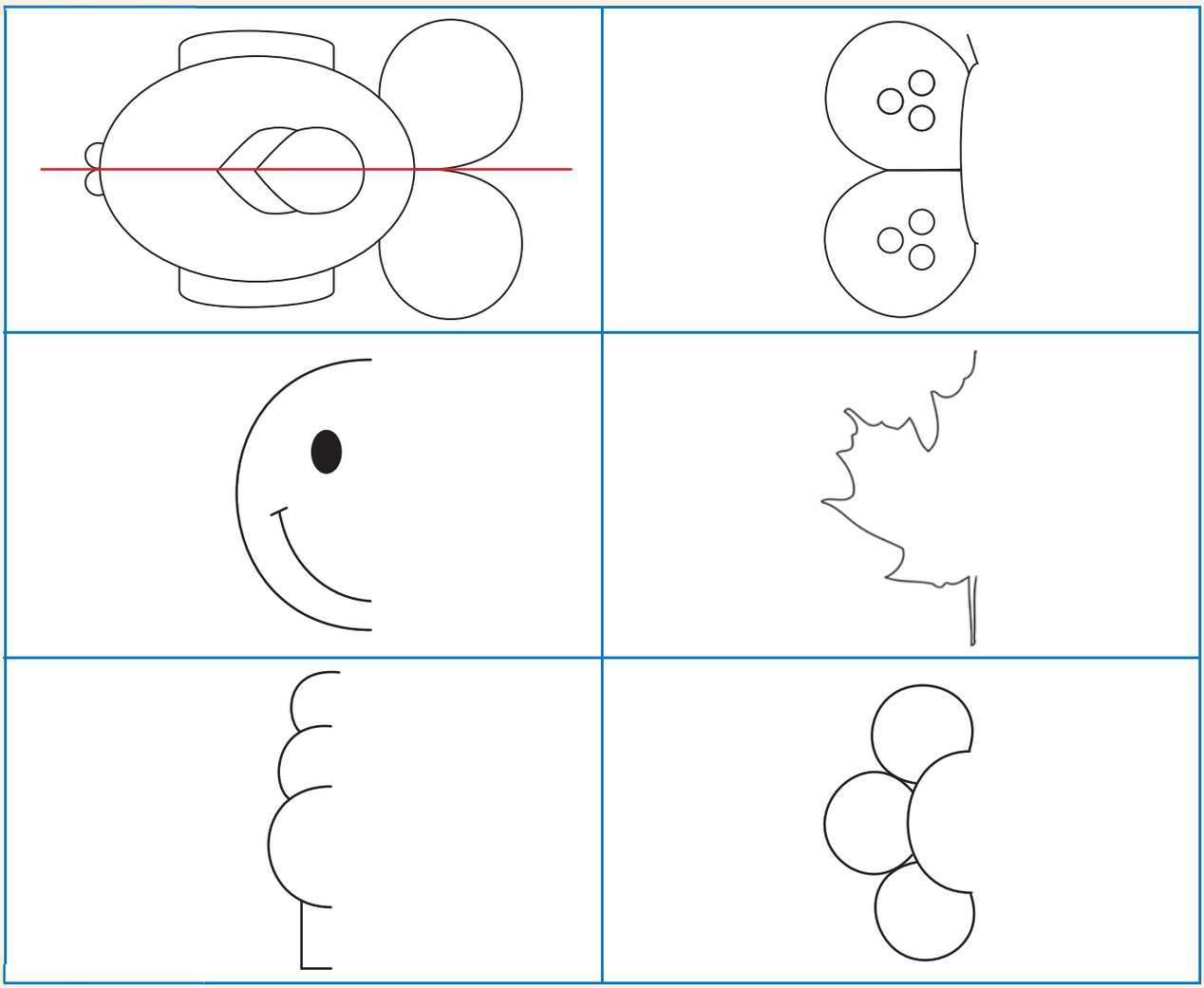




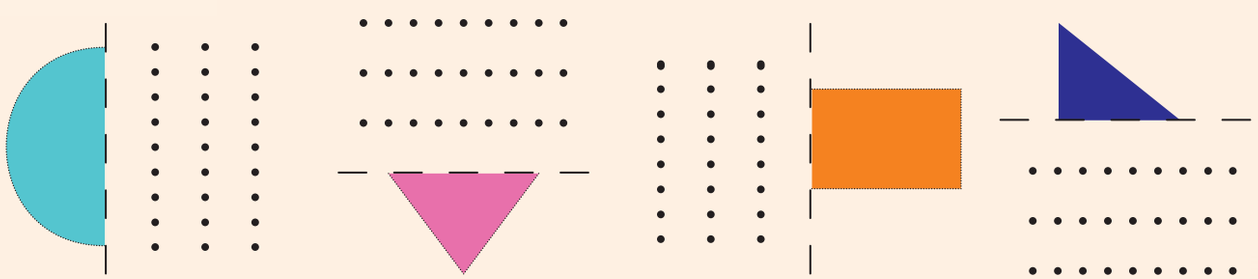




Qedela isithombe ngokudweba uhhafu owodwa njengoba unjalo.



Dweba omunye uhhafu womdwebo.



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Amanothi



Amanothi

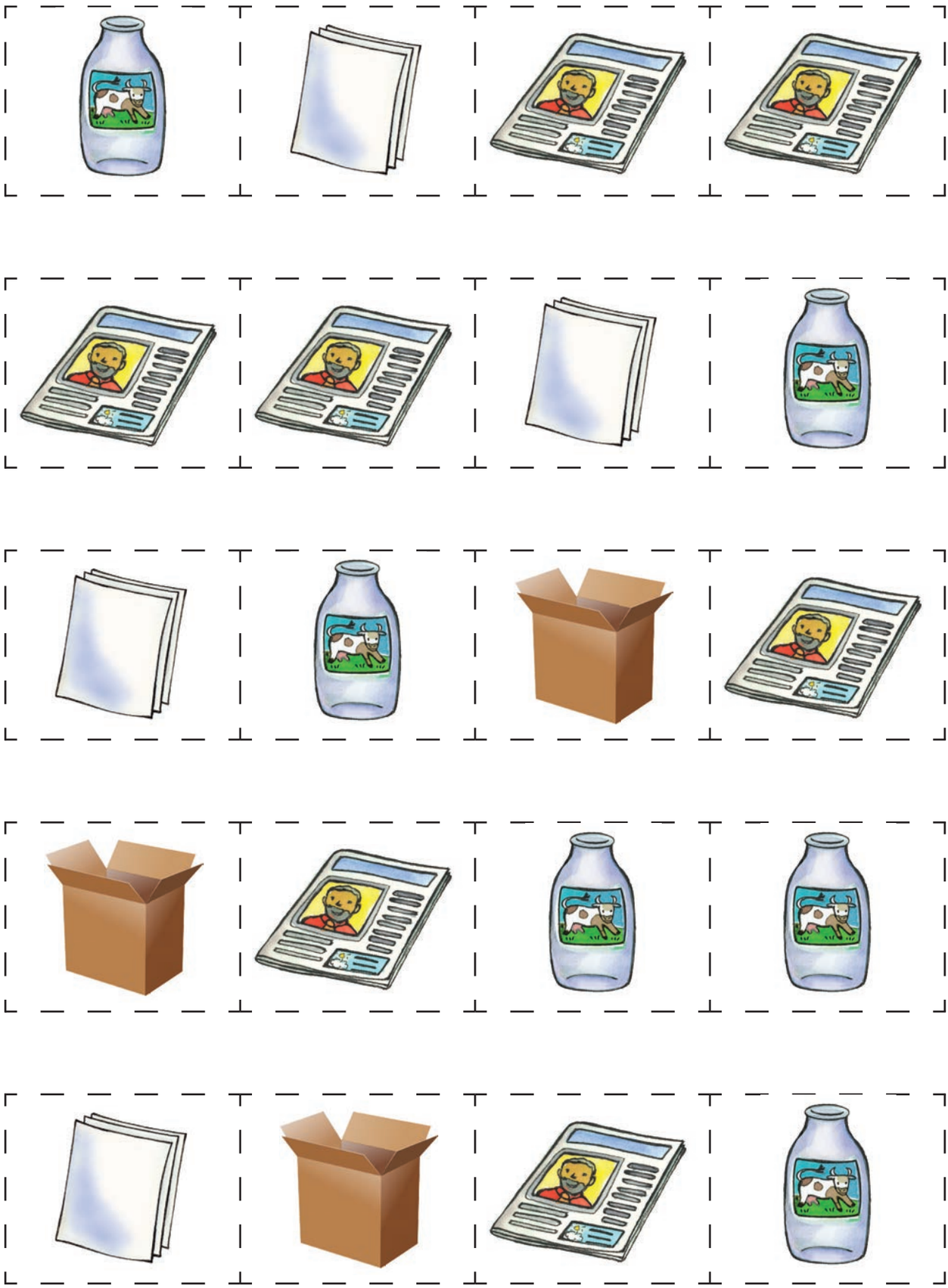


Amanothi



Cut-out 1

Worksheet 79

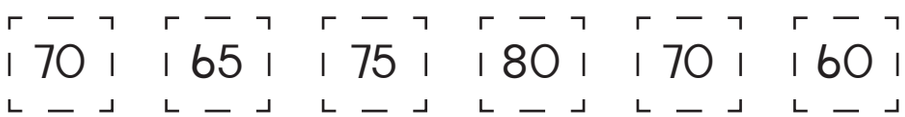


Cut out cards 2

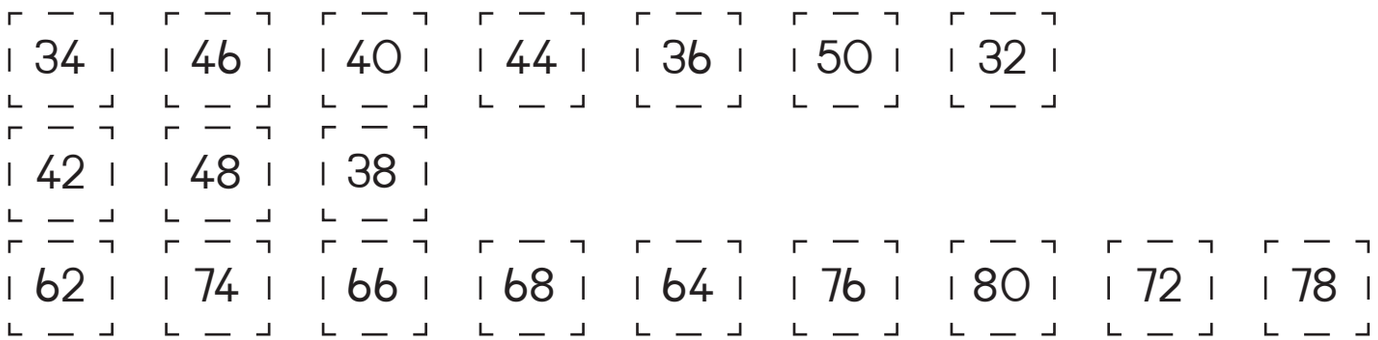
Worksheet 83



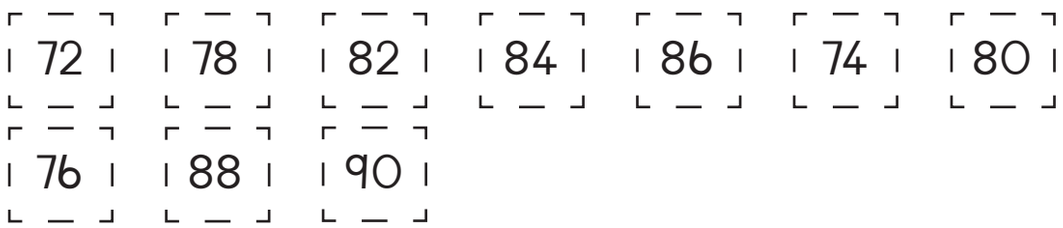
Worksheet 84



Worksheet 93



Worksheet 115



Worksheet 119

