Ithute ka ga Molaotheo wa Rephaboleki ya Afrika Borwa (1996)

Molaotheo wa Afrika Borwa (1996) ke molao o o kwa godimo wa lefatshe. Molao o o kwa godingwana go na le Moporesidente, o kwa godingwana go na le dikgotlatshekelo e bile o kwa godingwana go na le mmuso.

O tlhalosa ka moo batho ba lefatshe la rona ba tshwanetseng go tshola ba bangwe ka teng, le gore ditshwanelo le maikarabelo a bona ke eng. Molaotheo wa lefatshe o teng go re sireletsa rotlhe jaanong, le bana ba rona ka moso.

Ela tlhoko hisetori ya rona.	A re se keng ra boeletsa diphoso tsa hisetori ya rona.	Molaotheo wa rona o re thusa go akanya le go aga bokamoso jo bo botoka jwa botlhe.

Rona, re le batho ba Afrika Borwa;

Re itse ditshiamololo tsa rona tse di fetileng;

Re tlotla ba ba bogetseng tshiamo le kgololosego mo lefatsheng la rona;

Re tlotla ba ba diretseng go aga le go tlhabolola naga ya rona; mme

Re dumela gore Afrika Borwa ke ya botlhe ba ba tshelang mo go yona, re tshwaragane mo go farologaneng ga rona.

Rona ka jalo, ka baemedi ba re ba itlhophetseng ka kgololosego, re amogela Molaotheo o jaaka Molaomogolo wa Rephaboliki gore re—

alafe dikgogakgogano tse di fetileng mme re age Setšhaba se se thailweng mo meetlong ya demokerasi, bosiamisi mo bathong le ditshwanelo tse di botlhokwa tsa botho;

tlhome metheo ya demokerasi le bosetšhaba jo bo buletsweng botlhe jo mo go bona puso e theilweng, mo thatong ya batho e bile moagi mongwe le mongwe a sireleditsweng ka go lekana ke molao;

tokafatse matshelo a baagi botlhe le go golola neo ya mongwe le mongwe le;

age Afrika Borwa e kopaneng ya demokerasi e e kgonang go tsaya maemo a yona a a e siametseng jaaka naga e e ipusang mo tshikeng ya mafatshe.

Senka ditshwanelo tsa gago jaaka Moafrika borwa mme o tseye maikarabelo a gago a go si reletsa ditshwanelo tsa batho ba bangwe.	Itse Molaotlhomo wa Ditshwanelo & Molaotlhomo wa Maikarabelo.

May God protect our people.
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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GRADE 3 – BOOK 2
TERMS 3 & 4
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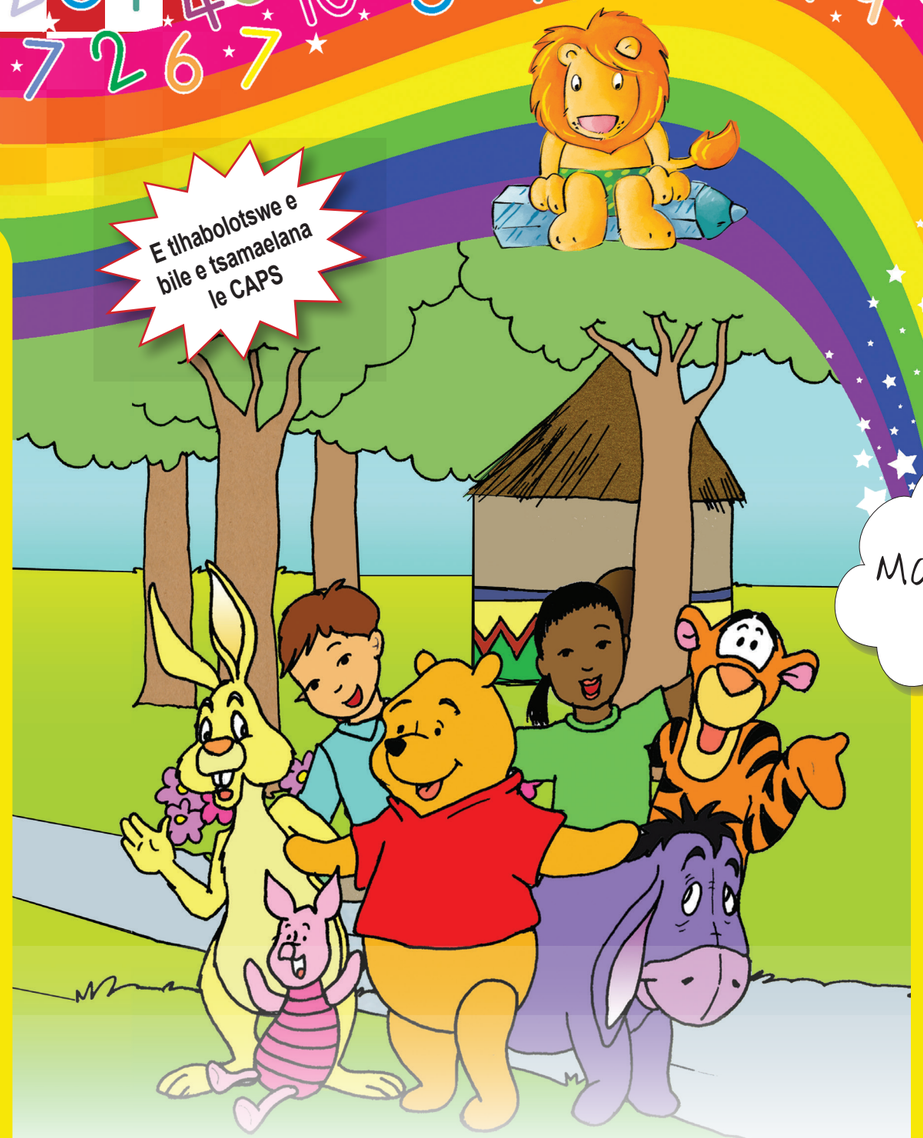
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MATESISI KA SETSWANA – Mophato 3 Buka 2

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Mophato 3

Leina:

Tlelase:

basic education
Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

MATESISI KA SETSWANA

Buka 2
Kgweditharo 3 & 4

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Mme Angie Motshekga,
Tona ya
Lefapha la Thutotheo



Ng. Reginah Mhaule,
Motlatsatona wa
Lefapha la Thutotheo

Dibukatiro tse di kwaletswe bana ba Aforikaborwa ka fa tlase ga boeteledipele jwa Tona ya Lefapha la Thutotheo, Mme Angie Motshekga le Motlatsatona wa Lefapha la Thutotheo, Ng. Reginah Mhaule.

Dibukatiro tsa Rainbow ke phitlhelelo nngwe ya Lefapha la Thutotheo e e lebisitsweng mo go tokafatseng bokgoni jwa barutwana ba Aforikaborwa ba mephato e merataro ya ntlha jaaka e le maikaelelomagolo a Lenaneotiro la Puso. Porojeke e, e etleeditswe ke Lefapha la matlotlo la Bosetshaba. Ketleetso e, e kgontshitse Lefapha go kwala le go rebola dibukatiro tse mo dipuong tsotlhe tsa semmuso kwa ntle go tuelo epe.

Re solofela gore dibukatiro tse di tlaa tswela barutabana mosola mo go ruteng ga bona ga letsatsi le letsatsi, le mo go netefatseng gore barutwana ba digela kharikhulamo ya bona. Re netefaditse gore re kaela morutabana sentle mo tirong nngwe le nngwe ka go tsenyeletsa mesupatsela go bontsha gore ke eng se morutwana a tshwanetseng go se dira.

Re solofela gore bana ba tlaa itumelela go dira mo bukeng e fa ba ntse ba gola e bile ba ithuta, le gore wena jaaka morutabana, o tlaa abelana le bona boitumelo jwa bona o tlaa e itumelela mmogo le bona.

Re go eleletsa katlego e kgolo mo tirisong ya dibukatiro tse, wena le barutwana ba gago.

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Mophato 3

Rainbow WORKBOOKS

Matesisi

SETSWANA

Buka 2

Buka e, ke ya ga:



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65 Dipalo 500 go fitlha ka 600

Letlha: .....

Bala mme o kwale.



a. Dirisa tšhate e e latelang go go thusa go bala go tloga ka 500 go fitlha ka 600. Buela dipalo kwa godimo fa o ntse o bala.



500

501			504						510
							518		
	522								
					536				
541								549	
							558		
		573							
							588		590
	592			595					600

b. Kwala dipalo tse di tlogetsweng mo keriting e e fa godimo.

c. Kwala dipalo di le 10 tse di tlang fa morago ga 500.

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

d. Kwala dipalo di le 8 tse di latelang mo phetheneng ya bo2.

510; 512; _____; _____; _____; _____; _____; _____; _____; _____

e. Kwala dipalo tsotlhe tse di mo phetheneng ya bo2 go tloga ka 548 go fitlha ka 570.

548; _____; _____; _____; _____; _____; _____; _____; _____; _____; _____; 570

f. Kwala dipalo di le 8 tse di latelang mo phetheneng ya bo5.

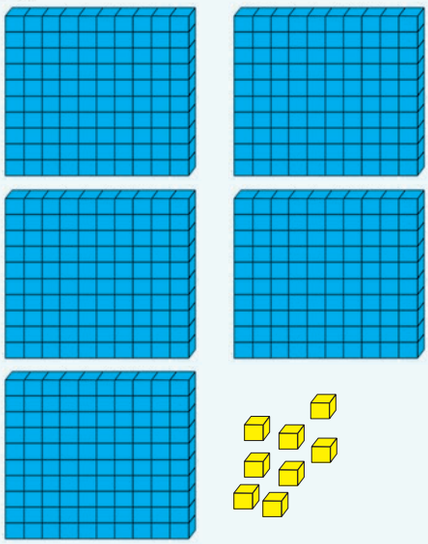
515; 520; _____; _____; _____; _____; _____; _____; _____; _____

1 2 3 4 5 6 7 8 9 10

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2 O bala diboloko di le kae?



O badile diboloko jang?

3 Feleletsa melapalo.

540			543				547		549	
							597	598	599	
					597	598	599			

4 Feleletsa theibole kgotsa lenaneo.

	Kwala go tloga ka e nnyennye go fitlha ka e kgolokgolo	Kwala go tloga ka e kgolokgolo go fitlha ka e nnyennye.
582, 586, 584, 581, 585		
566, 506, 560, 516, 506		

5 Kwala tse di latelang ka mafoko.

520	

Teacher:
Sign:
Date:

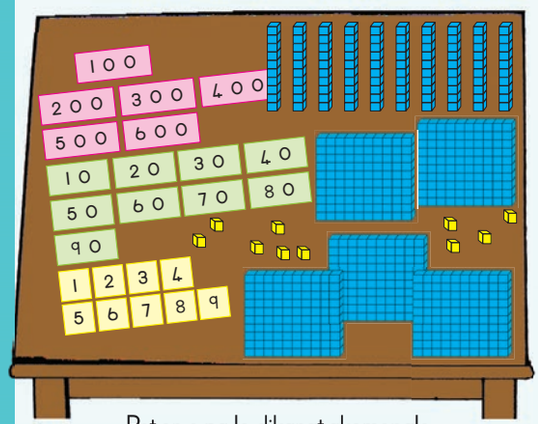
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66

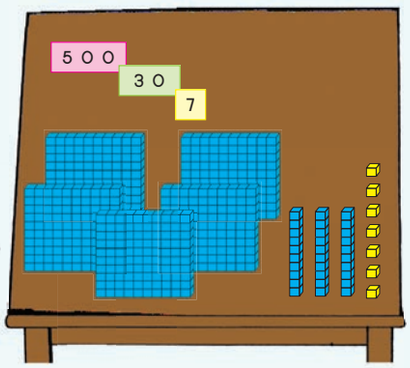
Letlha: .....

Dipalo tse dingwe go tloga ka 500 go fitlha ka 600

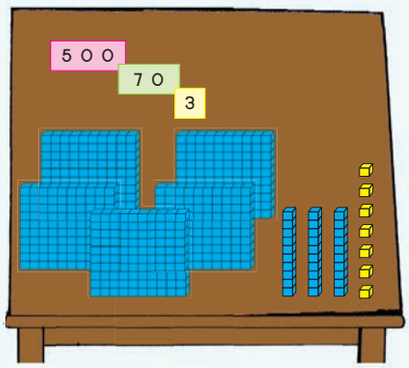


Peter o na le dikaratakemopalo tse di latelang le diboloko tsa beisethene.

Morutabana o kopa Peter go bontsha 537 ka dikarata le diboloko tsa gagwe.

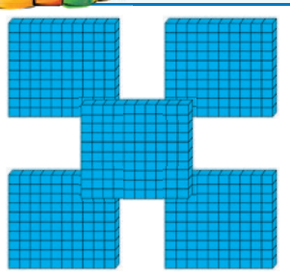
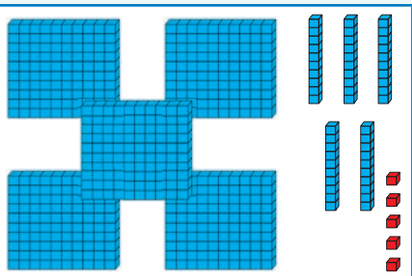
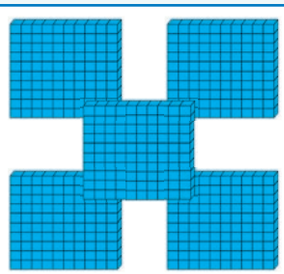


Se ke se Aakar a se bontshitseng. Ke eng se a se fositseng?





Kwala polelopalo mme morago o arabe.

					
500 + 10 + 7 =	517				

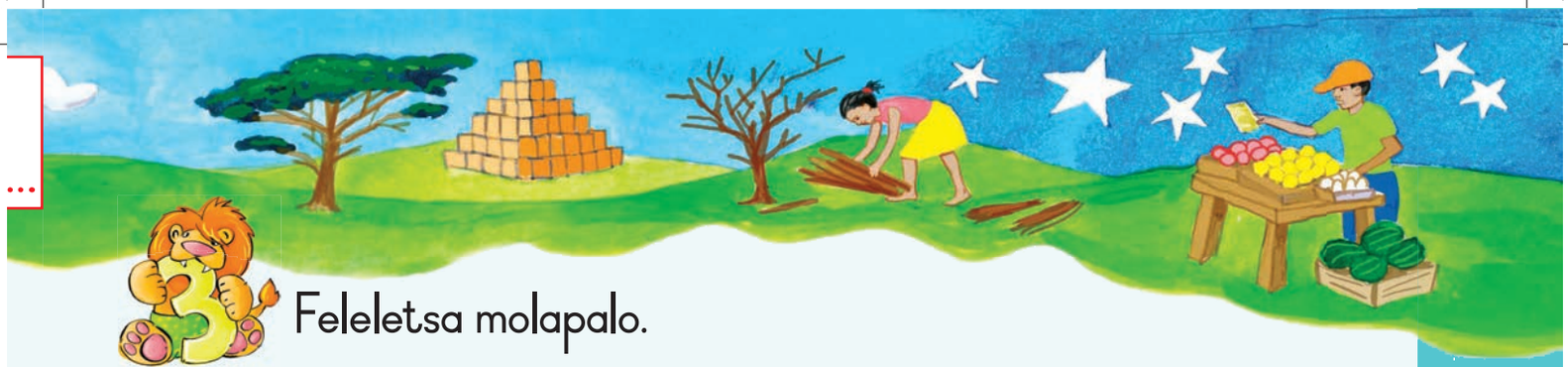


Kwala polelopalo mme morago o arabe.

500 70 3	500 90	90 1
500 + 70 + 3		
=		

1 2 3 4 5 6 7 8 9 10

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3 Feleletsa molapalo.

550	551	552								560

Kwala dipalo tsotlhe tse dinnyennyane mo go 556. _____

Kwala dipalo tsotlhe tse dikgolwane mo go 556. _____

4 Aroganya palo ya gago.

Go na le meno e le lesome.
0 1 2 3 4 5 6 7 8 9
Re di baya mmogo go bopa dipalo.

a. Aga palo nngwe le nngwe ka dikarata tsa gago.

b. Kwala kemo ya mono mongwe le mongwe.

495	
508	
594	
549	
602	

Sekao: 517

517	500 + 10 + 7

5 0 0
1 0
7
5 1 7

5 Kwala maina a dipalo.

221	
486	
369	
419	
491	

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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Letlha: .....

67 Dipalo 600 go fitlha ka 700



Bala mme o kwale!

a. Dirisa tšhate e e latelang go go thusa go bala go tloga ka 600 go fitlha ka 700. Buela dipalo kwa godimo fa o ntse o bala.



600

601			604						610
							618		
	622								
					636				
641								649	
							658		
		673							
							688		690
	692			695					700

b. Kwala dipalo tse di tlogetsweng mo keriting e e fa godimo.

c. Kwala dipalo di le 10 tse di tlang fa morago ga 600.

600; _____; _____; _____; _____; _____; _____; _____; _____; _____; _____

d. Kwala dipalo di le 8 tse di latelang mo phetheneng ya bo2.

622; 624; 626; _____; _____; _____; _____; _____; _____; _____; _____

e. Kwala dipalo tsotlhe tse di mo phetheneng ya bo2 go tloga ka 611 go fitlha ka 633.

611; _____; _____; _____; _____; _____; _____; _____; _____; _____; _____; 633

f. Kwala dipalo di le 8 tse di latelang mo pateroneng ya bo5.

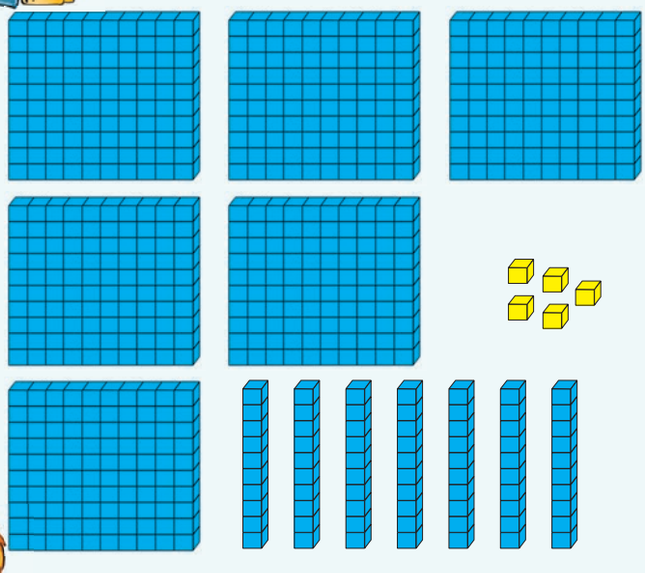
645; 650; 655; _____; _____; _____; _____; _____; _____; _____; _____

1 2 3 4 5 6 7 8 9 10

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2 O bala diboloko di le kae?



O badile diboloko jang?

3 Feleletsa melapalo.

640			643				647		649	
							687	688	689	
					602	604	606			

4 Feleletsa theibole kgotsa lenaneo.

	Kwala go tloga ka e nnyennye go fitlha ka e kgolokgolo	Kwala go tloga ka e kgolokgolo go fitlha ka e nnyennye
672, 676, 674, 671, 675		
656, 605, 650, 615, 605		

5 Kwala tse di latelang ka mafoko.

631	

Teacher:
Sign:
Date:

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68

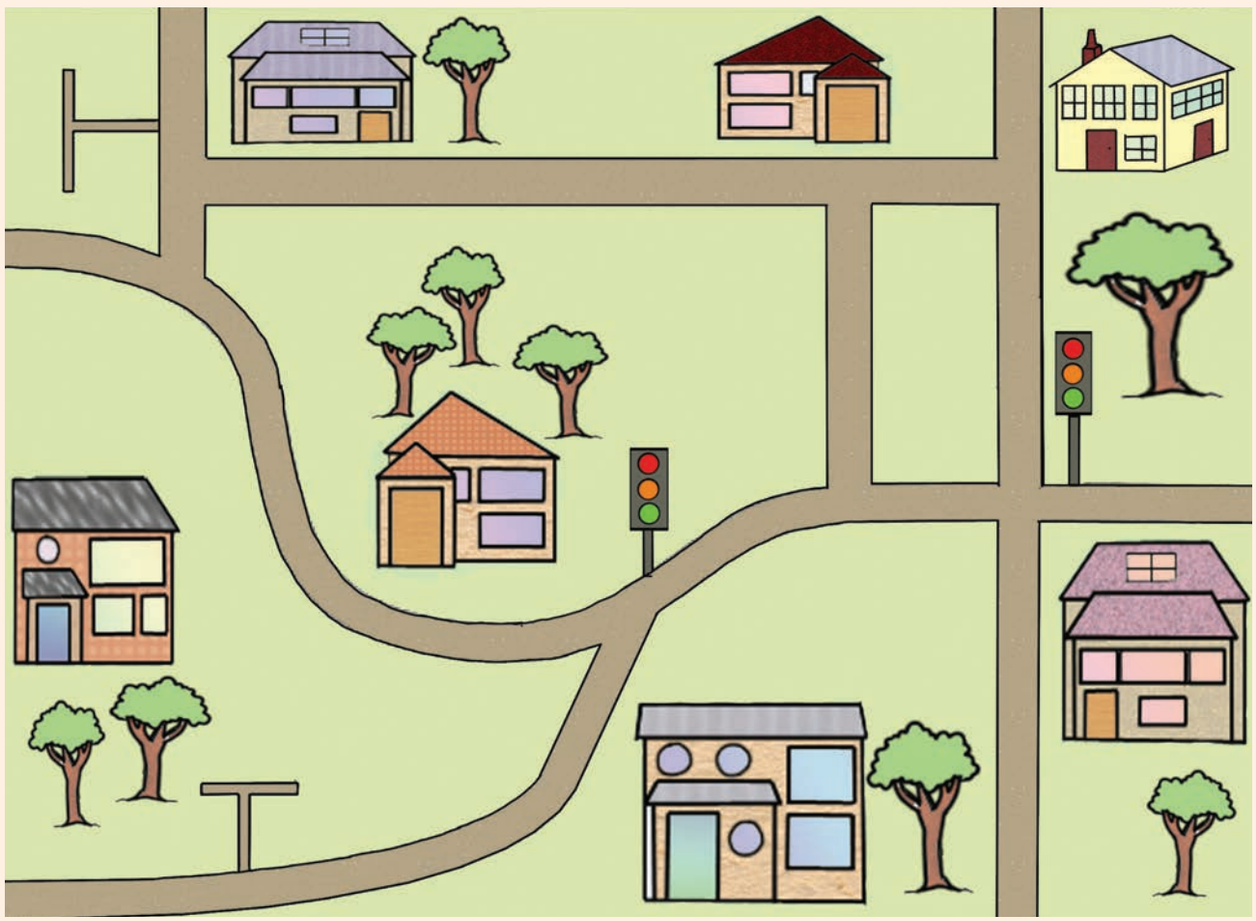
Letlha:

Tiro ya mmepe

Lebelela setshwantsho.

- Ke eng?
- Re se dirisetsa eng?
- Re ka bona eng mo mmepeng?







Thala tse di latelang mo mmepeng:

Laeborari, dikolo, tleliniki, bookelo, seteišene sa mapodisi, tikatikwe ya mabenkele. O ka oketsa ka mebila e mengwe gape.

1 2 3 4 5 6 7 8 9 10

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Dirisa mmepe o o mo tsebeng e e fetileng go naya ditsala tsa gago dikaelo tsa go tloga:

a. kwa tleliniking go ya kwa seteišeneng sa mapodisi.

b. kwa sekolong go ya kwa tleliniking.

c. kwa sekolong go ya kwa tikatikweng ya mabenkele.

d. kwa tikatikweng ya mabenkele go ya kwa laeboraring.

e. kwa laeboraring go ya kwa sekolong.

f. kwa bookelong go ya kwa sekolong.



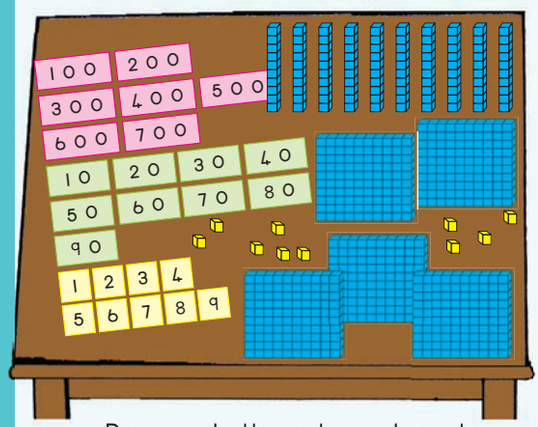
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69

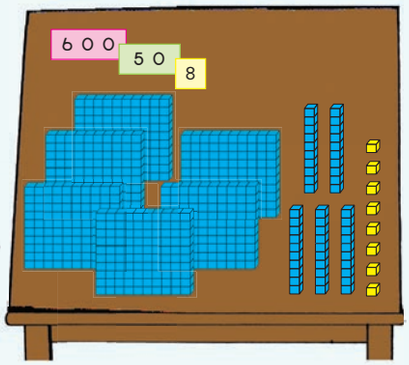
Letlha:

Dipalo tse dingwe 600 go fitlha 700

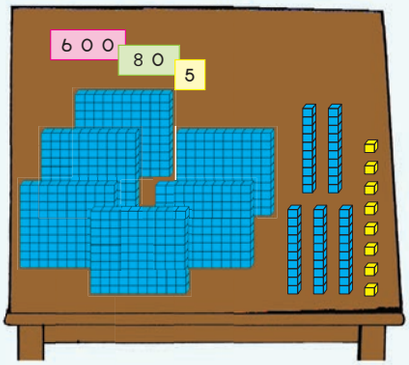


Peter o na le dikaratakemopalo tse di latelang le diboloko tsa beisethene.

Morutabana o kopa Peter go bontsha 658 ka dikarata le diboloko.

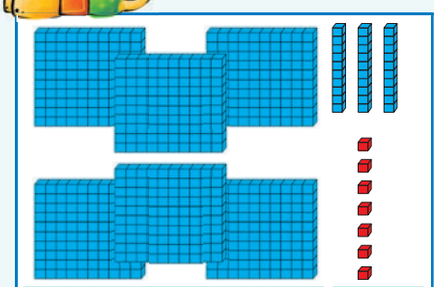


Se ke se Aakar a se bontshitseng. O dirile eng se se phoso?





Kwala polelopalo mme morago o kwale karabo.



600 + 30 + 7 = 637



Kwala polelopalo mme morago o kwale karabo.

600	90	8	600 + 90 + 8 =
600	70		
600	50	8	

1 2 3 4 5 6 7 8 9 10

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3 Feleletsa molapalo.

670	671	672								680

Nkwalele dipalo tsotlhe tse dinnyennyane mo go 675. _____

Nkwalele dipalo tsotlhe tse dikgolwane mo go 675. _____

4 Tlatsa <, > kgotsa =

a. 670 _____ 607 b. 688 _____ 699

c. 600 + 50 + 5 _____ 655

5 Aroganya palo ya gago.

a. Aga palo nngwe le nngwe ka dikarata tsa gago.

b. Kwala tlhotlhwa ya mono mongwe le mongwe. Jaanong dira tse: Aroganya palo ya gago.

686	
690	
699	
673	
665	

Sekao: 632

600
30
2
632

632	600 + 30 + 2

6 Kwala maina a dipalo.

672	
693	
607	
697	
660	

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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Letlha: .....

70 Dipalo go tloga ka 650 go fitlha ka 750



Bala o bo o kwala.

a. Dirisa tšhate e e latelang go go thusa go bala go tloga ka 650 go fitlha ka 750. Buela dipalo kwa godimo fa o ntse o bala.



						657			
661								669	
		683		685					
		703							
			714						
		723				727			
741		743						749	750

b. Kwala dipalo tse di tlogetsweng mo keriting e e fa godimo.

c. Kwala dipalo tse 10 tse di tlang morago ga 650.

650; _____; _____; _____; _____; _____; _____; _____; _____; _____; _____

d. Kwala dipalo tse 8 tse di latelang mo phetheneng ya bo2.

705; 707; 709; _____; _____; _____; _____; _____; _____; _____; _____

e. Kwala dipalo tsotlhe mo phetheneng ya bo2 go tloga ka 719 go fitlha ka 749.

719; _____; _____; _____; _____; _____; _____; _____; _____; _____; 749

f. Kwala dipalo tse 8 tse di latelang mo phetheneng ya bo5.

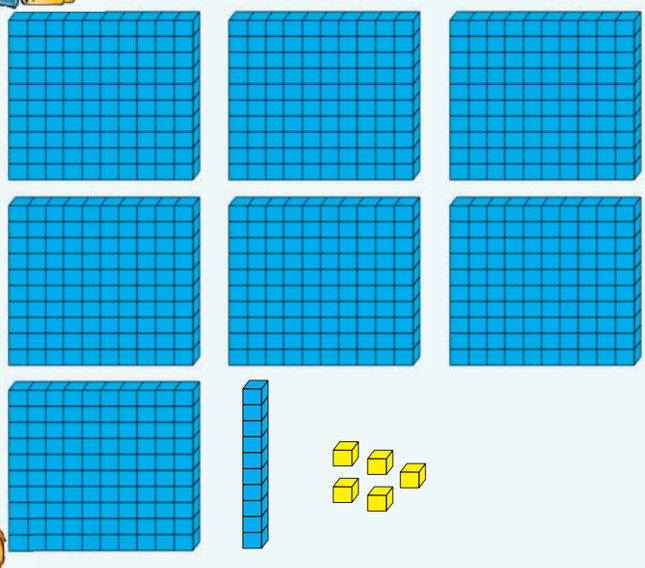
705; 710; 715; _____; _____; _____; _____; _____; _____; _____; _____

1 2 3 4 5 6 7 8 9 10

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2 O bala diboloko di le kae?



O badile diboloko jang?

3 Feleletsa melapalo.

700			703				707		709	
							746	747	748	
					706	711	716			

4 Feleletsa theibole kgotsa lenaneo.

	Kwala go tloga ka tse di nnyennye go fitlha ka tse di kgolokgolo	Kwala go tloga ka tse di kgolokgolo go fitlha ka tse di nnyennye
729, 720, 728, 721, 725		
659, 705, 607, 701, 706		

5 Kwala tse di latelang ka mafoko.

706	

Teacher:
Sign:
Date:

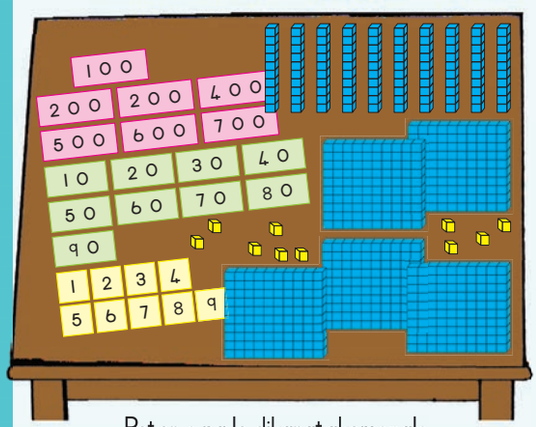
11 12 13 14 15 16 17 18 19 20

SET MATHS G3 B2 9781431501540.indb 13 2014/07/23 9:59 AM

71

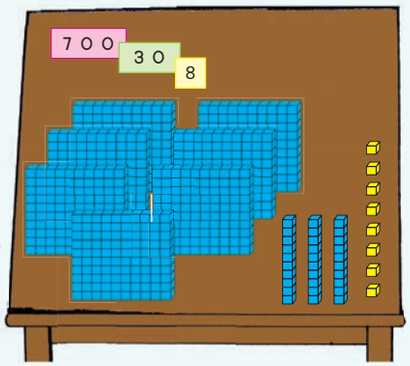
Letlha:

Dipalo 700 go fitlha 750

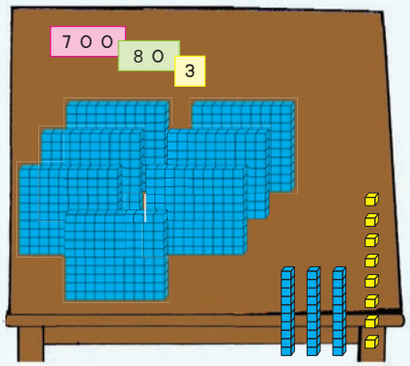


Peter o na le dikaratakemopalo tse di latelang le diboloko tsa beisethene.

Morutabana o kopa Peter go bontsha 738 ka dikarata le diboloko tsa gagwe.

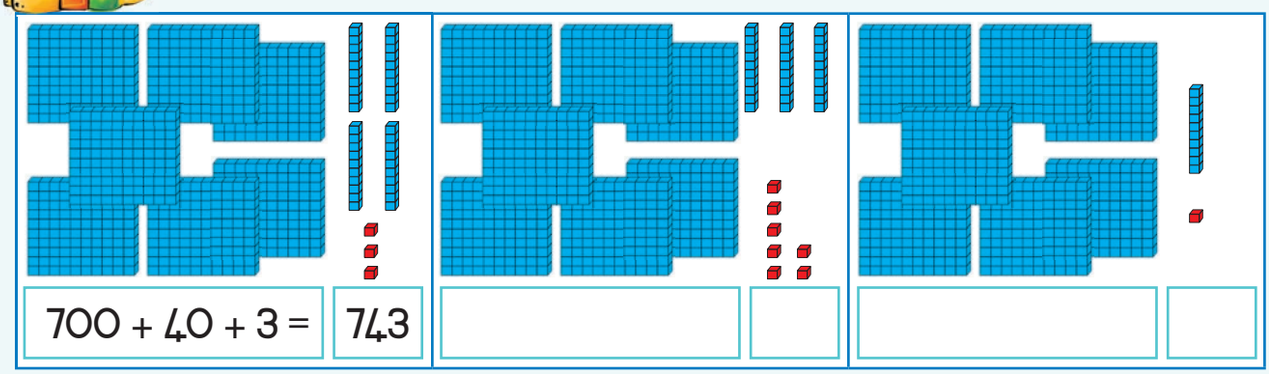


Se ke se Jabu a se bontshitseng. O dirile eng se se phoso?





Kwala polelopalo mme morago o kwale karabo.



700 + 40 + 3 =	743		



Kwala polelopalo mme morago o kwale karabo.

700 40 5	700 30	700 9
700 + 40 + 5		
=		

1 2 3 4 5 6 7 8 9 10

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3 Feleletsa molapalo.

699	700	701								709

Mphe dipalo tsotlhe tse dinnyennyane mo go 704. _____

Mphe dipalo tsotlhe tse dikgolwane mo go 704. _____

4 Tlatsa <, > kgotsa =

a. 750 _____ 749 b. 732 _____ 723

c. 700 + 40 + 9 _____ 749

5 Aroganya palo ya gago.

a. Aga palo nngwe le nngwe ka dikarata tsa gago.

b. Kwala tlhotlhwa ya mono mongwe le mongwe. Jaanong dira tse: Aroganya palo ya gago.

750	
728	
703	
730	
749	

Sekao: 747

700

40

7

747

747	700 + 40 + 7

6 Kwala maina a dipalo.

714	
750	
742	
738	
704	

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

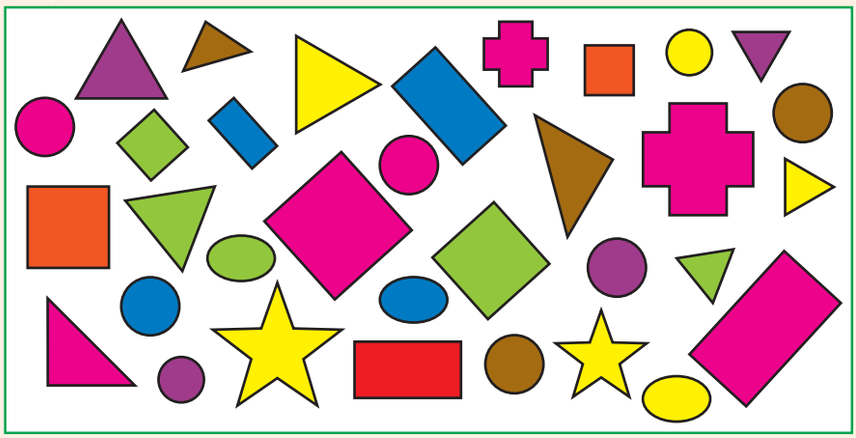
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72

Letlha:

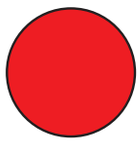
Dibopego tsa matlhakoremabedi (2-D)

Bua fa sebopego se na le letlhakore le le tlhamaletseng kgotsa le le sediko.





Bua fa sebopego se na le letlhakore le le tlhamaletseng kgotsa le le sediko se se metsu.



O kgona go thala dibopego di le kae ka dintshi tse di tlhamaletseng?



Batla ditshwantsho

Batla dibopego tse di nang le dintshi o di kgomaretse fa.

Batla dibopego tse di nang le dintse tse di sediko mme o de kgomaretse fa.

1 2 3 4 5 6 7 8 9 10

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4 Feleletsa tse di latelang:

	Thala dibopego tse di farologaneng ka maemo.
khutlotharo	
khutlonnetsepa	
sekwere	

5 Feleletsa theibole:

	Neela sebopego leina	Thala sebopego se sennye	Thala sebopego se segolo
			
			
			
			

6 Batla sekwere, khutlotharo, khutlonnetsepa le didiko tsa bogolo jo bo farologaneng mo makasineng kgotsa kuranteng

Di kgomaretse fa.

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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Letlha: .....

73 Go tlhakanya le go ntsha go fitlha go 800

Ke ka reka eng ka R500?

Ke sefe sa dilwana tse, se ke ka kgonang go se reka ka R500?



2 Tlhakanya go tloga ka 600.

Kwala dipalo tse di tlogetsweng.

Simolola 600 → +20 → 620 → +15 → ☐ → +15 → ☐ → +10 → ☐ → +5 → ☐ → +25 → ☐ → +10 → ☐ Khutla

3 Balela kwa morago go tloga ka 800.

Nako nngwe le nngwe o kwale "phetogo".

Simolola 800 → – ☐ → 790 → – ☐ → 786 → – ☐ → 776 → – ☐ → 766 → – ☐ → 760 → – ☐ → 740 → – ☐ → 715 → – ☐ → 705 → – ☐ → 690 → – ☐ → 660 Khutla

1 2 3 4 5 6 7 8 9 10

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4 Rarabolola tse di latelang:

725 + 53 =	

664 + 87 =	

564 + 132 =	

75 + 717 =	

5 Rarabolola tse di latelang:

James o kgobokantse dimmabole di le 525.

Fa Sipho a mo naya dimmabole tse dingwe di le 205, James o ya go nna le palo e e lekanang le ya ga Sipho.

a. Ba ya go nna le dimmabole di le kae ka bobedi?

b. Sipho o ne a na le dimmabole di le kae kwa tshimologong?

a.

b.

Teacher:
Sign:
Date:

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SET MATHS G3 B2 9781431501540.indb 19 2014/07/23 10:00 AM

74

Letlha:

Go tlhakanyetsa le go ntshetsa kwa go 800 go gongwe gape

Malapa a dipalo

Re kgona go dira malapa a dipalo.

Lelapa lengwe le lengwe le na le dipalo tse di kgolwane le palo e le nngwe e nnyanenyana.

Tsaya 4, 8 le 12 jaaka sekao.

4 + 8 = 12	8 + 4 = 12
12 − 8 = 4	12 − 4 = 8



Batla malapa a dipalo.

Kwala dipolelopalo di le 4 tsa setlhopha sengwe le sengwe.

6 8 14				
17 17 34				
25 45 70				
65 335 400				
240 260 500				



Lebelela dikgolagano:

Mo tirwaneng e re ya go lemoga paterone kana phethene.

360 − 50 = ☐	50 + ☐ = 360	☐ + 50 = 360
570 − 480 = ☐	480 + ☐ = 570	☐ + 480 = 570
430 − 31 = ☐	31 + ☐ = 430	☐ + 31 = 430
676 − 70 = ☐	70 + ☐ = 676	☐ + 70 = 676
799 − 701 = ☐	701 + ☐ = 799	☐ + 701 = 799

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3 Kgweetso e telele.

Rre Mkhize o etela mmaagwe yo o nnang bokgakala jwa 352 km ka koloi.
O ikhutsa morago ga 166 km. O sa ntse a tshwanetse go kgweetsa dikilomitara di le kae?

Tumi o dira se:	Pumi o kwala se:
352 – 166 +4 + 30 + 100 + 52 166 → 170 → 200 → 300 → 352 30 + 4 + 100 + 52 = 134 + 52 = 186 km	352 – 166 = 300 + 50 + 2 – 100 + 60 + 6 = 300 + 40 + 12 – 100 + 60 + 6 = 200 + 140 + 12 – 100 + 60 + 6 = 100 + 80 + 6 = 186 km
Mbali o dira se:	**Peter o dira se:**
352 – 166 166 + 100 → 266 + 34 → 300 + 52 → 352 100 + 34 + 52 = 134 + 52 = 186 km	352 – 166 = 352 – 100 – 66 = 252 – 66 = 252 – 52 – 14 = 200 – 14 = 186 km
Veronica o dira se:	**Lebo o akanya ka ga koketsogabedi le dihalofo:**
352 – 166 352 – 152 = 200 200 – 14 = 200 – 10 – 4 = 190 – 4 = 186 km	Halofo ya 352 ke 176 Mme ke tshwanetse go tsaya 166 fela, Jalo gee, ke tlhakanya le 10. 176 + 10 = 186 km

Akanya ka ga mekgwa e e farologaneng. Ke mokgwa ofe o o o ratang thata? Goreng?

4 Rarabololela tse di latelang mo lenathwaneng la pampiri: Dirisa mongwe fela wa mekgwa e e fa godimo.

746 – 328	800 – 499

Teacher:
Sign:
Date:

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75

Letlha:

Go tlhakanya le go ntsha gape fitlha go 800 gape



Ikagele malapa a dipalo.

Katiso ya go ithuthuntsha.

5 12 17

8 9 17

Sekao: Dira 17



$5 + 12 = 17$

$12 + 5 = 17$

$17 - 12 = 5$

$17 - 5 = 12$

$8 + 9 = 17$

$9 + 8 = 17$

$17 - 9 = 8$

$17 - 8 = 9$



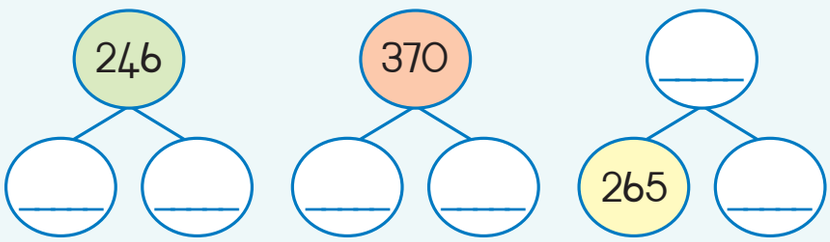
Mo palong nngwe le nngwe e e fa tlase, tlhopha tse 2 gape go bopa lelapa. Kwala dipolelopalo di le nne (pedi + le pedi) mabapi le lelapa lengwe le lengwe la dipalo.

Sekaseka! Bapisa! Siamisa!

			+	+	−	−
16	7	9	$7 + 9 = 16$	$9 + 7 = 16$	$16 - 9 = 7$	$16 - 7 = 9$
20						
200						
75						
50						
500						
190						

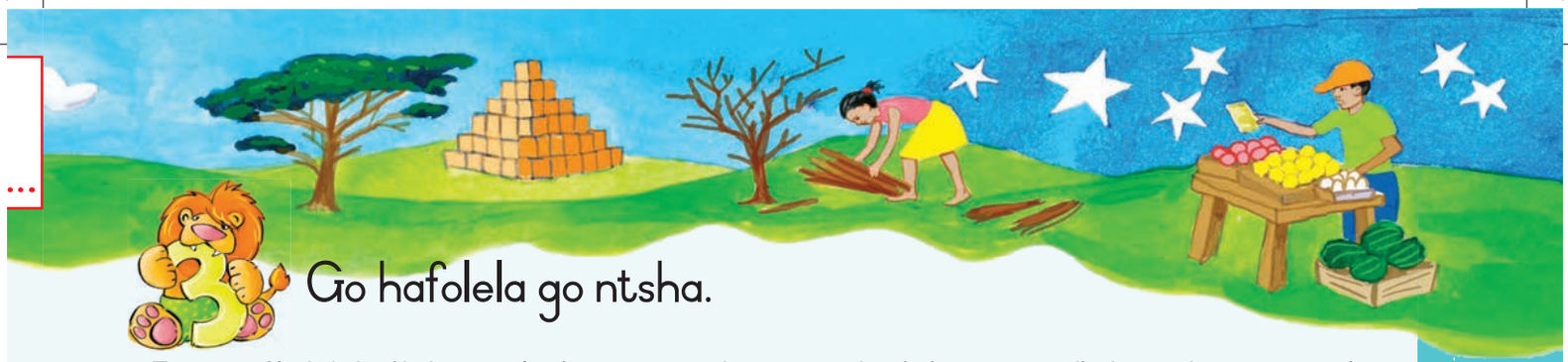


Batla dikoketsogabedi le dihalofo tse di tlogetsweng.



1 2 3 4 5 6 7 8 9 10

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Go hafolelela go ntsha.

Fa o itse dihalofo le dikoketsogabedi tsa gago, nako nngwe o ka di dirisetsa go tlhakanya kgotsa go ntsha.

Dikao:

34 – 18 = 16 34 – 17 = 17 17 – 1 = 16	190 – 97 190 – 95 = 95 95 – 2 = 93	65 + 69 65 + 65 = 130 130 + 4 = 134	242 + 249 = 242 + 242 + 7 = 484 + 7 = 491

Jaanong leka tse:

340 – 176	145 + 148	900 – 452

Ithute mekgwa.

Mongwe le mongwe wa bana ba ba 256 o amogela mpho ya Keresemose. Halofo e fiwa dimpopi mme halofo e fiwa dikoloi. Ke ba bakae ba ba amogelang dikoloi?

Mokgwa 1	Mokgwa 2
256 = 200 + 50 + 6 → Halofo ya 200 ke 100 → Halofo ya 50 ke 25 → Halofo ya 6 ke 3 100 + 25 + 3 = 128 → Halofo ya 256 ke 128 Ka jalo 128 ba amogela dikoloi.	→ Halofo ya 250 = 125 → Halofo ya 6 ke 3 125 +3 = 128 → Halofo ya 256 ke 128, Ka jalo 128 ba amogela dikoloi.

Rarabololela tse di latelang mo lenathwaneng la pampiri: Dirisa mongwe fela wa mekgwa e e fa godimo.

Mongwe le mongwe wa bana ba le 728 o amogela setshamekisi kwa resetšuranteng. Halofo ya bona e amogela diboloko tsa go aga. Ke ba bakae ba ba amogelang diboloko tsa go aga?

Mongwe le mongwe wa bana ba le 642 o amogela kuku.
Halofo ya bona e amogela dikuku tsa ditšhokolete. Ke ba bakae ba ba amogelang dikuku tsa ditšhokolete?

Teacher:
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Date:

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76

Letlha: .....

Diphethene tsa dipalo: masome go fitlha ka 800



O ka bua eng ka ga dipalo tse di mo dibolokong tse di fifaditsweng?

Bala masome go tloga ka 710 go fitlha ka 800.Go tla eng morago ga 720 fa o bala ka masome?

Balela kwa morago ka masome go tloga ka 800 go fitlha ka 710. Go tla eng pele ga 760 fa o balela kwa morago?

701	702	703	704	705	706	707	708	709	710
711	712	713	714	715	716	717	718	719	720
721	722	723	724	725	726	727	728	729	730
731	732	733	734	735	736	737	738	739	740
741	742	743	744	745	746	747	748	749	750
751	752	753	754	755	756	757	758	759	760
761	762	763	764	765	766	767	768	769	770
771	772	773	774	775	776	777	778	779	780
781	782	783	784	785	786	787	788	789	790
791	792	793	794	795	796	797	798	799	800



Feleletsa dipolelopalo.

720; 730; 740; _____; _____; _____	800; 790; 780; _____; _____; _____



TIhakanya kgotsa ntsha lesome.

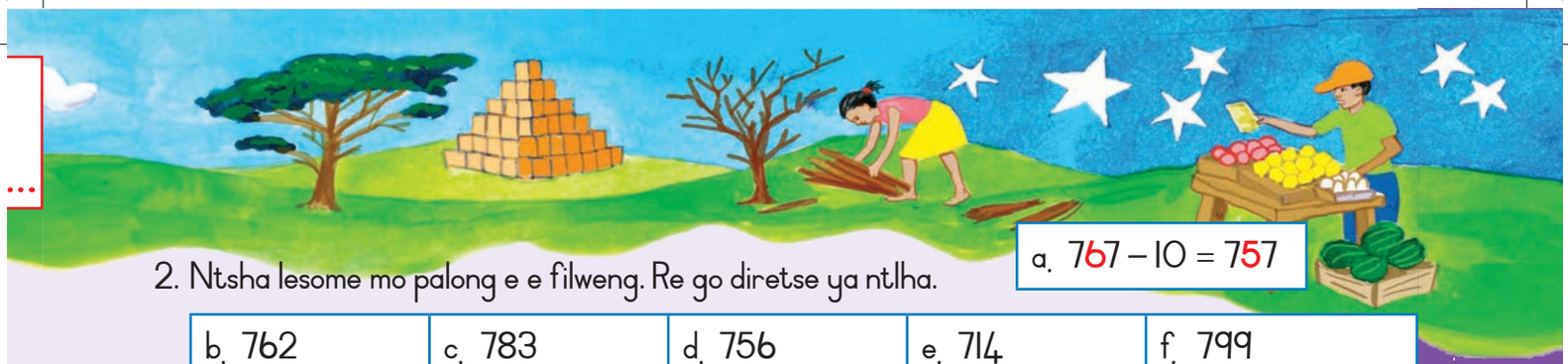
1. TIhakanya lesome le palo e e filweng. Re go diretse ya ntlha.

a. 767 + 10 = 777

b. 762 _____	c. 783 _____	d. 756 _____	e. 714 _____	f. 799 _____

1 2 3 4 5 6 7 8 9 10

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a. 767 – 10 = 757

2. Ntsha lesome mo palong e e filweng. Re go diretse ya ntlha.

b. 762 _____	c. 783 _____	d. 756 _____	e. 714 _____	f. 799 _____

3. Go diragala eng fa o tlhakanya kgotsa o ntsha lesome mo dipalong tse di fa godimo?

_____



Lebelela didiko tse dikhibidu mo botong ya dipalo.

a. O lemoga eng ka ga didiko tse? _____

b. Atolosa tatelano e e latelang ya dipalo:

704; 714; 724; _____ ; _____ ; _____

715; 725; 735; _____ ; _____ ; _____

799; 789; 779; _____ ; _____ ; _____

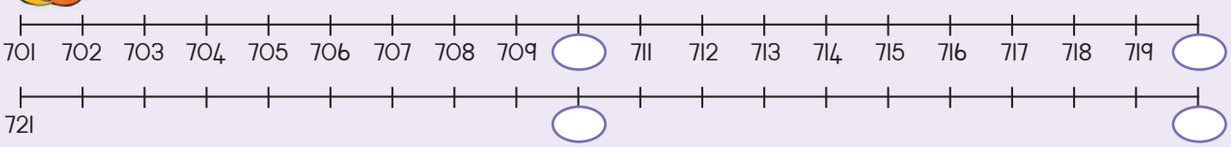
782; 772; 762; _____ ; _____ ; _____

737; 747; 757; _____ ; _____ ; _____

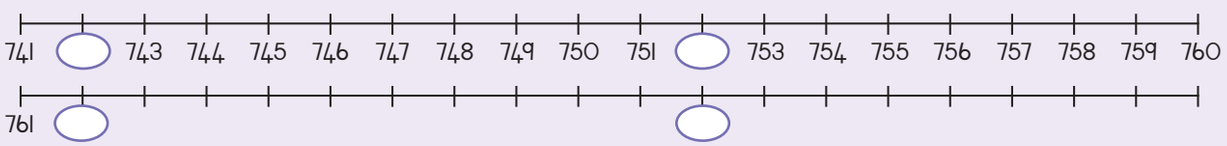


Tlatsa palo e e nepagetseng mo sedikong sengwe le sengwe mo melapalong e.

a.



b.





Ke na le palo ya menomeraro (3)



Mono wa ntlha ke 7, mono o o latelang o feta supa ka nngwe mme mono wa bofelo o monnye mo go supa ka nngwe.

Fa o balela kwa pele ka masome go tloga mo palong e, palo e e tlaa nna efe?

_____

Teacher:
Sign:
Date:

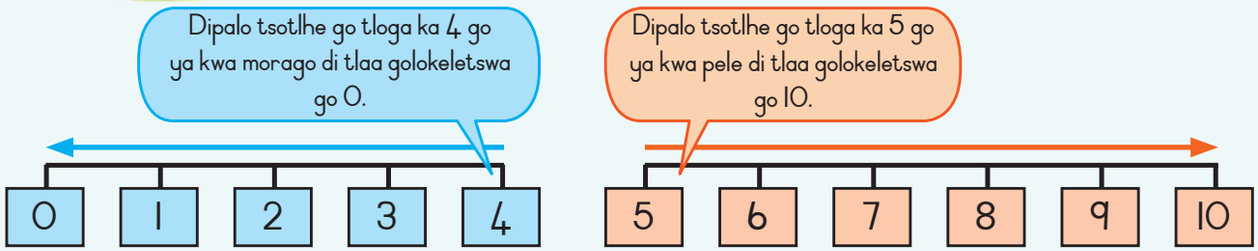
11 12 13 14 15 16 17 18 19 20

SET MATHS G3 B2 9781431501540.indb 25 2014/07/23 10:00 AM

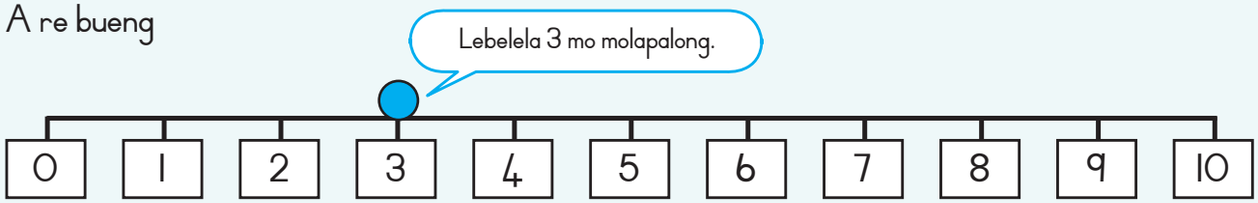
77

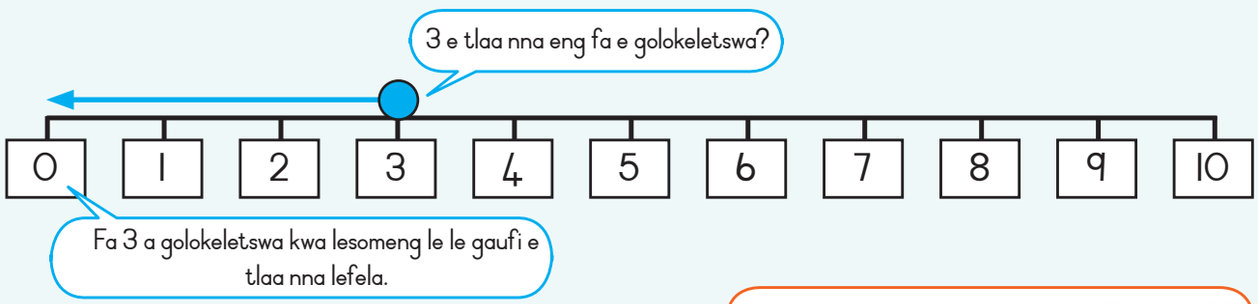
Letlha: .....

Go golokeletsa go masome

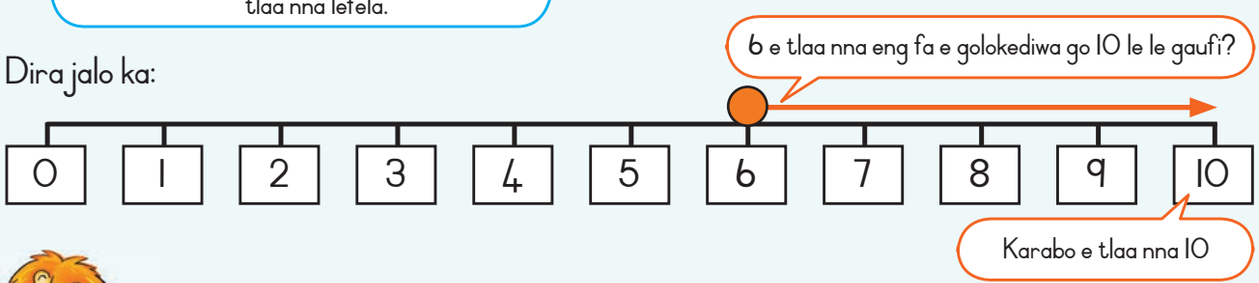


A re bueng





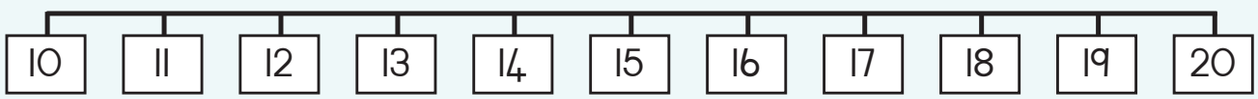
Dira jalo ka:



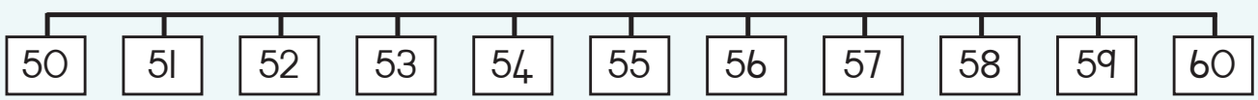


Golokeletsa go 10 le le gaufi.

12 le golokeditswe e nna? _____ 19 le golokeditswe e nna? _____



53 e golokeditswe e nna? _____ 58 e golokeditswe e nna? _____



1 2 3 4 5 6 7 8 9 10

SET MATHS G3 B2 9781431501540.indb 26 2014/07/23 10:00 AM

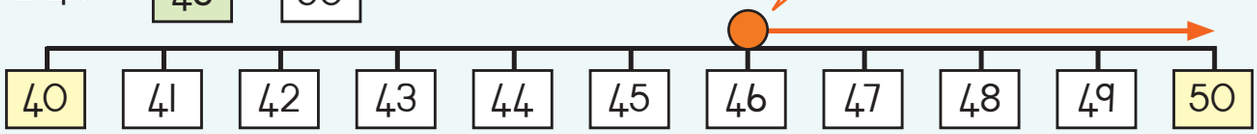




Golokeletsa go 10 le le gaufi ka go thala molapalo wa gago.

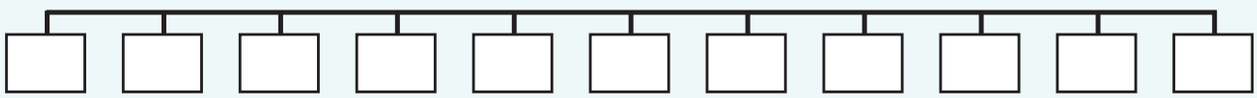
a. 46 [46] [50]

46 e magareng ga masome afe a mabedi? ____



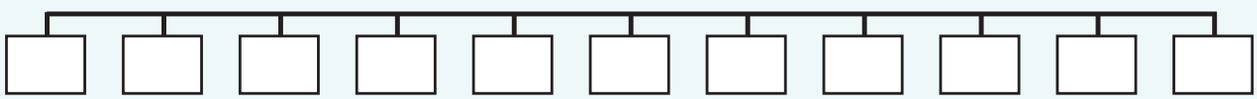
b. 63 ____

63 e magareng ga masome afe a mabedi? ____



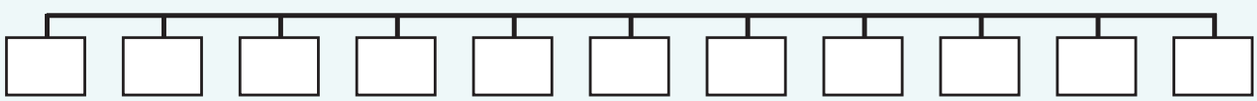
c. 37 ____

37 e magareng ga masome afe a mabedi? ____



d. 99 ____

99 e magareng ga masome afe a mabedi? ____







Tomase o na le R48,00.

Pakete ya dikarata e a e rekileng e ja R5,00.

A ka reka dipakete di le kae tsa dikarata ka R48,00? _____

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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78

Letlha:

Katiso: bo-tlhano go fitlha ka 75

Ke eng se se tlang ka botlhano?

Menwana mo seatleng se le sengwe.



Go na le menwana e mekae mo:

Diatleng tse 2?
Diatleng tse 3?
Diatleng tse 4?
Diatleng tse 5?
Diatleng tse 6?
Diatleng tse 7?
Diatleng tse 8?
Diatleng tse 9?
Diatleng tse 10?

Golaganya palelo le potso e e ka fa molemeng:

$9 \times 5 = 45$
$7 \times 5 = 35$
$2 \times 5 = 10$
$4 \times 5 = 20$
$3 \times 5 = 15$
$5 \times 5 = 25$
$10 \times 5 = 50$
$6 \times 5 = 30$
$8 \times 5 = 40$



Feleletsa theibole.

Ditlhopha	Atisa	Go aroganya	Arola
Ditlhopha tse 2 tsa 5	$2 \times 5 = 10$	Aroganya 10 magareng ga 5	$10 \div 5 = 2$
Ditlhopha tse 7 tsa 5		Aroganya 35 magareng ga 5	
Ditlhopha tse 12 tsa 5		Aroganya 60 magareng ga 5	
Ditlhopha tse 15 tsa 5		Aroganya 75 magareng ga 5	



Feleletsa theibole.

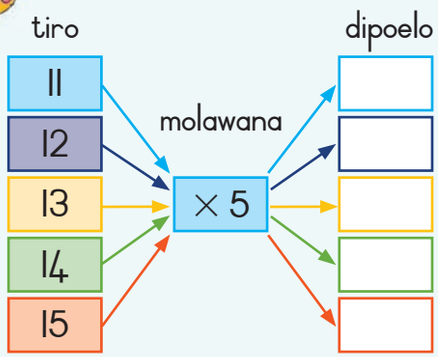
Go aroganya	Arola
Aroganya 12 magareng ga 5	$12 \div 5 = 2$ go sala 2
Aroganya 64 magareng ga 5	
Aroganya 39 magareng ga 5	
Aroganya 73 magareng ga 5	

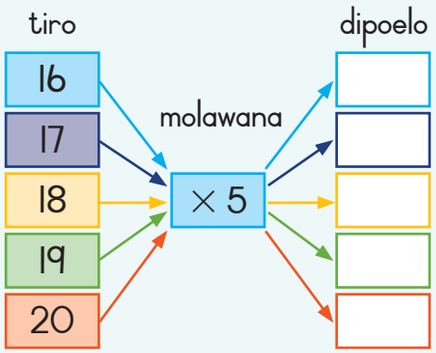
1 2 3 4 5 6 7 8 9 10

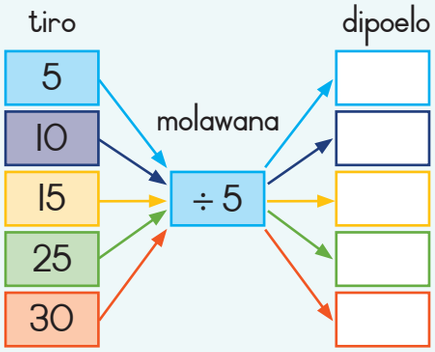
SET MATHS G3 B2 9781431501540.indb 28 2014/07/23 10:00 AM

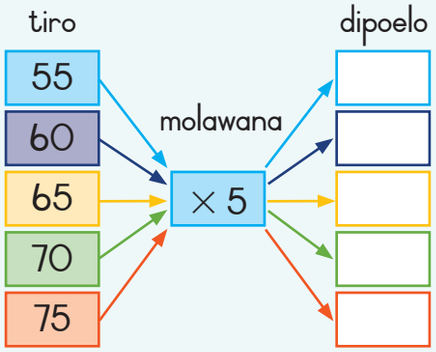


Feleletsa ditshwantsho tse di elelang.









Feleletsa ditheibole tse di fa tlase:

×	1	2	3	4	5	6	7	8	9	10
5										

×	11	12	13	14	15	16	17	18	19	20
5										

O berekile jang dikarabo tse di tshwanetseng go kwalwa mo dibolokong tse di botala jwa legodimo?

Rarabolola tse di latelang:

Mme o rekile dipakete tsa dimonamone tse di jang R70.
O duetse R5 pakete nngwe le nngwe.
O rekile dipakete tsa dimonamone di le kae?



Teacher:
Sign:
Date:

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79

Letlha: .....

Diphethene tsa dipalo: botlhano go fitlha go 800



O ka bua eng ka ga dipalo tse di mo dibolokong tse di mmala wa namune?

Bala botlhano go tloga ka 705 go fitlha ka 800. Ke eng se se tlang morago ga 720 fa o bala ka botlhano?

Balela kwa morago ka botlhano go tloga ka 800 go fitlha ka 705. Ke eng se se tlang pele ga 730 fa o balela kwa morago?

701	702	703	704	705	706	707	708	709	710
711	712	713	714	715	716	717	718	719	720
721	722	723	724	725	726	727	728	729	730
731	732	733	734	735	736	737	738	739	740
741	742	743	744	745	746	747	748	749	750
751	752	753	754	755	756	757	758	759	760
761	762	763	764	765	766	767	768	769	770
771	772	773	774	775	776	777	778	779	780
781	782	783	784	785	786	787	788	789	790
791	792	793	794	795	796	797	798	799	800



Feleletsa dipolelopalo.

725; 730; 735; _____; _____; _____	800; 795; 790; _____; _____; _____



Tlhakanya kgotsa o ntshe tlhano.

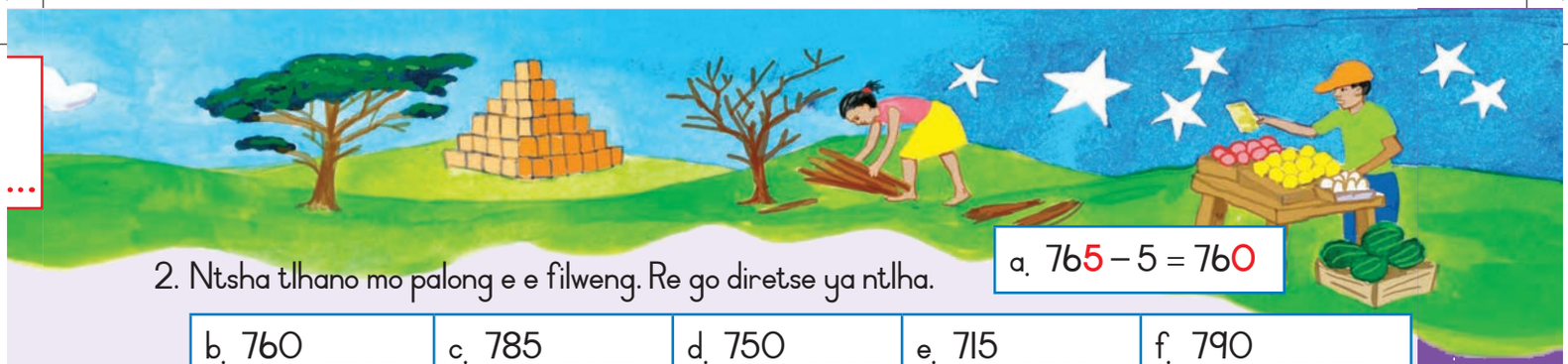
1. Tlhakanya tlhano le palo e e filweng. Re go diretse ya ntlha.

a. 760 + 5 = 765

b. 725 _____	c. 780 _____	d. 755 _____	e. 715 _____	f. 790 _____

1 2 3 4 5 6 7 8 9 10

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2. Ntsha tlhano mo palong e e filweng. Re go diretse ya ntlha.

a. 765 – 5 = 760

b. 760 ____	c. 785 ____	d. 750 ____	e. 715 ____	f. 790 ____

3. Go diragala eng fa o tlhakanya kgotsa o ntsha tlhano mo dipalong tse di fa godimo?

_____



Lebelela didiko tse dikhibidu mo botong ya dipalo.

a. O lemoga eng ka ga didiko tse? _____

b. Atolosa tatelano e e latelang ya dipalo.

703; 708; 713; ____; ____; ____

753; 758; 763; ____; ____; ____

701; 706; 711; ____; ____; ____

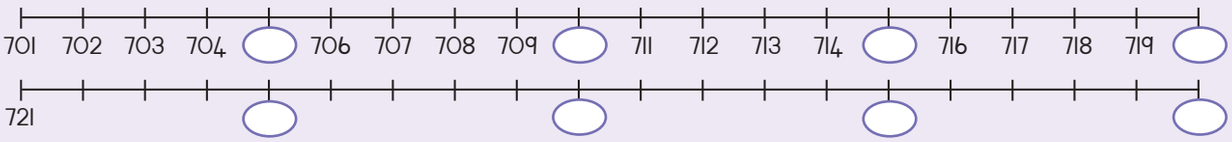
722; 727; 732; ____; ____; ____

714; 719; 724; ____; ____; ____

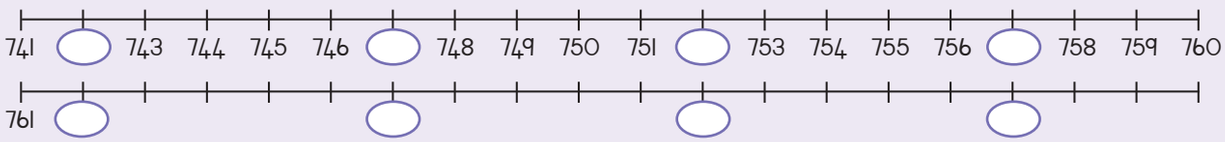


Tlatsa palo e e nepagetseng mo sedikong sengwe le sengwe mo melapalong e.

a.



b.





Ke na le palo ya menomeraro.



Mono wa ntlha ke 7, mono o o latelang o feta supa ka nngwe mme mono wa bofelo o monnye mo go supa ka tlhano.

Fa o balela kwa pele ka botlhano go tloga mo palong e, palo e e tlaa nna efe?

_____

Teacher:
Sign:
Date:

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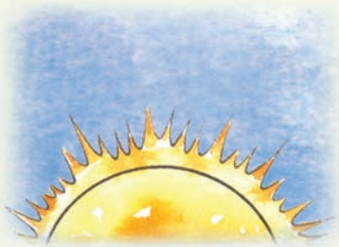


80

Letlha:

Nako ya motshegare le nako ya bosigo







Motsekapa

Theibole e e fa tlase e bontsha gore letsatsi le tlhaba leng le gore le phirima leng ka dinako tse di farologaneng tsa ngwaga kwa Motsekapa. Buisa dinako tse di mo theiboleng mme morago o tlatse theibole yotlhe pele o araba dipotso tse di fa tlase.



Motsekapa	Letsatsi le a tlhaba	Letsatsi le a phirima	Boleele jwa motshegare	Boleele jwa bosigo
Mopitlwe 23	6:53 am	6:53 pm		
Seetebosigo 21	7:51 am	5:44 pm		
Lwetse 19	6:41 am	6:41 pm		
Sedimonthole 22	5:32 am	7:58 pm		

a. Ke mo dikgweding dife mo motshegare le bosigo di lekanang ka boleele? _____

b. Ke kgwedi efe e e nang le motshegare o moleeleleele? _____

c. Ke kgwedi efe e e nang le motshegare o mokhutshwakhutshwane? _____

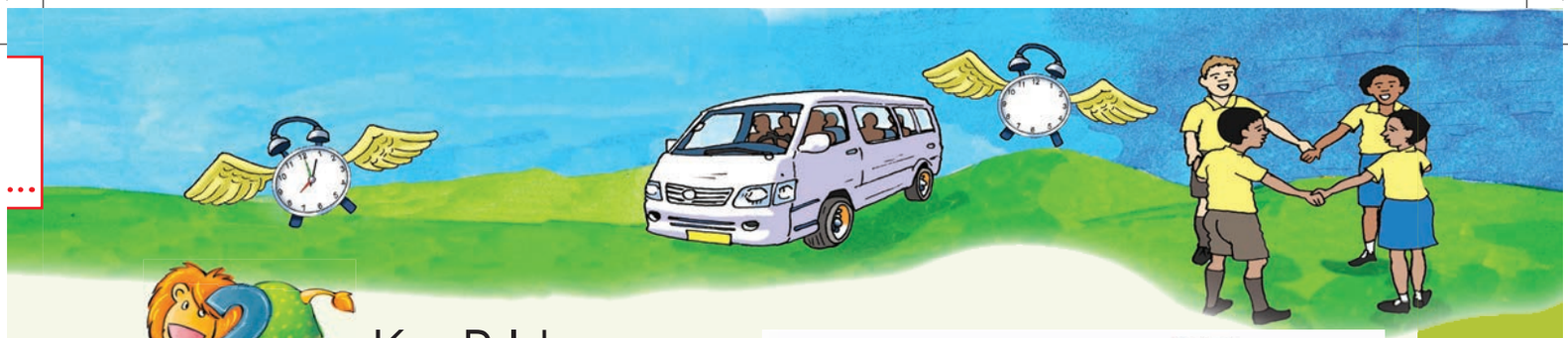
d. Batla pharologano ya diura le metsotso magareng ga motshegare o moleeleleele le motshegare o mokhutshwakhutshwane. _____

e. Batla boleele jwa letsatsi le bosigo jwa letlha lengwe le lengwe mo lenaneoong le le fa godimo.

_____

_____

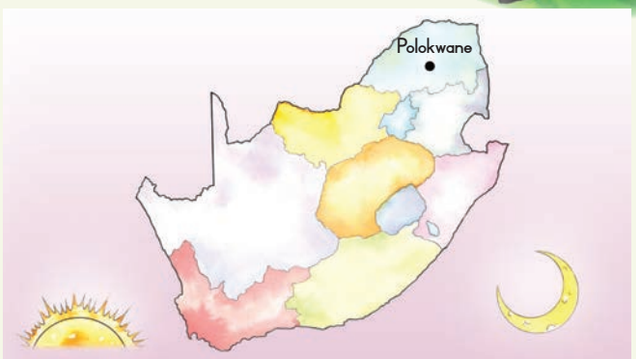
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Kwa Polokwane

Theibole e e fa tlase e bontsha gore letsatsi le tlhaba leng le gore le phirima leng ka dinako tse di farologaneng tsa ngwaga kwa Polokwane. Buisa dinako tse di mo theiboleng mme morago o tlatse theibole yotlhe pele o araba dipotso tse di fa tlase.



Polokwane	Letsatsi le a tlhaba	Letsatsi le a phirima	Boleele jwa motshegare	Boleele jwa bosigo
Mopitlwe 25	6:08 am	6:08 pm		
Seetebosigo 21	6:44 am	5:24 pm		
Lwetse 17	5:57 am	5:57 pm		
Sedimonthole 22	5:13 am	6:50 pm		

a. Ke mo dikgweding dife mo motshegare le bosigo di lekanang ka boleele?

b. Ke mo go dife tsa dikgwedi tse mo boleele jwa motshegare bo lekanang kwa Motsekapa le kwa Polokwane?

c. Ke mo dikgweding dife tse bo farologaneng?

d. Batla pharologano ya diura le metsotso magareng ga motshegare o moleeleleele le motshegare o mokhutshwakhutshwane.

e. Batla boleele jwa letsatsi le bosigo jwa letlha lengwe le lengwe mo lenaneoong le le fa godimo.



Kopa mongwe go go thusa go batla dinako tsa gore letsatsi le tlhaba leng le gore le phirima leng mo kgaolong ya gago. Kwala tsa beke yotlhe. A malatsi a nna makhutshwanyane kgotsa maleelenyana?

Teacher:
Sign:
Date:

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81

Letlha:

Katiso:
bopedi go fitlha ka 75

Ke eng se se tlang ka bopedi?
Para e le nngwe ya ditlhako.



Para e le nngwe ya ditlhako.

Pareng e le 1 ya ditlhako?
Dipareng di le 2 tsa ditlhako?
Dipareng di le 3 tsa ditlhako?
Dipareng di le 4 tsa ditlhako?
Dipareng di le 5 tsa ditlhako?
Dipareng di le 6 tsa ditlhako?
Dipareng di le 7 tsa ditlhako?
Dipareng di le 8 tsa ditlhako?
Dipareng di le 9 tsa ditlhako?
Dipareng di le 10 tsa ditlhako?

Golaganya palelo le potso e e ka fa molemeng:

1 × 2 = 2
9 × 2 = 18
7 × 2 = 14
2 × 2 = 4
4 × 2 = 8
3 × 2 = 6
5 × 2 = 10
10 × 2 = 20
6 × 2 = 12
8 × 2 = 16



Feleletsa theibole.

Ditlhopha	Atisa	Go aroganya	Arola
Ditlhopha di le 10 tsa 2	10 × 2 = 20	Aroganya 20 magareng ga 2	20 ÷ 2 = 10
Ditlhopha di le 15 tsa 2		Aroganya 30 magareng ga 2	
Ditlhopha di le 20 tsa 2		Aroganya 40 magareng ga 2	
Ditlhopha di le 35 tsa 2		Aroganya 70 magareng ga 2	



Feleletsa theibole.

Go aroganya	Arola
Aroganya 21 magareng ga 2	21 ÷ 2 = 10 go salela 1
Aroganya 33 magareng ga 2	
Aroganya 67 magareng ga 2	
Aroganya 75 magareng ga 2	

1 2 3 4 5 6 7 8 9 10

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3 Feleletsa ditshwantsho tse di elelang.

tiro	molawana	dipoelo
11	× 2	
12		
15		
17		
20		

tiro	molawana	dipoelo
22	× 2	
26		
31		
30		
35		

tiro	molawana	dipoelo
20	÷ 2	
26		
32		
38		
20		

tiro	molawana	dipoelo
50	× 2	
60		
68		
72		
74		

4 Feleletsa ditheibole tse di fa tlase:

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

×	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
2																	

5 Rarabolola tse di latelang:



Ke rekile dilolipopo di le 36 ka R2.
Ke duetse ka R50, R20 le ka khoene ya R5.
Tšhentšhi ya me e ne e le bokae?

Teacher:
Sign:
Date:

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82

Letlha: .....

Dipaterone tsa dipalo: bopedi go fitlha ka 800



O ka bua eng ka ga dipalo tse di mo dibolokong tse di mmala wa namune?

Bala ka bopedi go tloga ka 700 go fitlha go 800. Go tla eng morago ga 700 fa o bala ka bopedi?

Balela kwa morago ka botlhano go tloga ka 800 go fitlha go 710. Go tla eng fa pele ga 750 fa o balela kwa morago?

701	702	703	704	705	706	707	708	709	710
711	712	713	714	715	716	717	718	719	720
721	722	723	724	725	726	727	728	729	730
731	732	733	734	735	736	737	738	739	740
741	742	743	744	745	746	747	748	749	750
751	752	753	754	755	756	757	758	759	760
761	762	763	764	765	766	767	768	769	770
771	772	773	774	775	776	777	778	779	780
781	782	783	784	785	786	787	788	789	790
791	792	793	794	795	796	797	798	799	800



Feleletsa tatelano ya dipalo.

720; 722; 724; _____; _____; _____	800; 798; 796; _____; _____; _____



Tlhakanya kgotsa ntsha pedi.

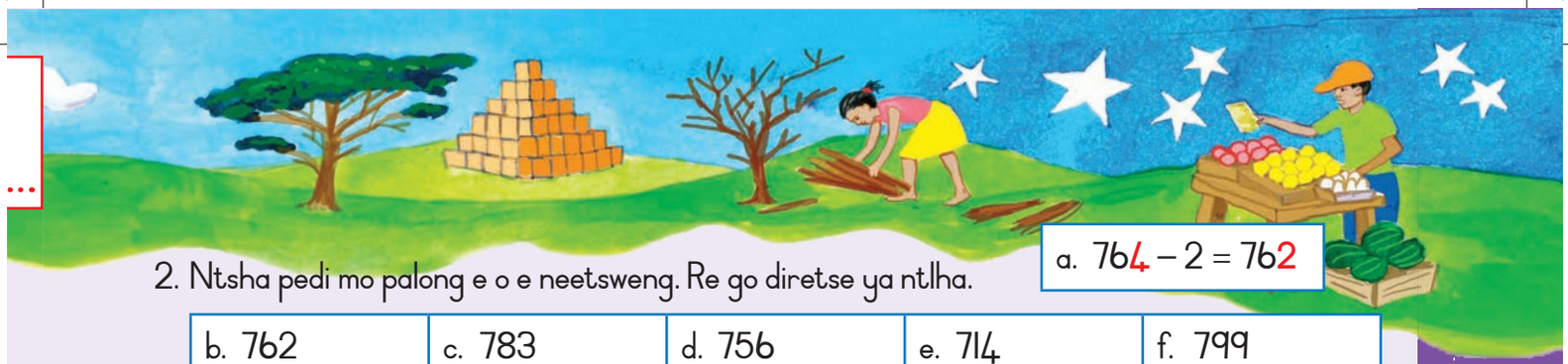
1. Tlhakanya dipalo tse di neetsweng le pedi. Re go diretse ya ntlha.

a. 764 + 2 = 766

b. 762 _____	c. 783 _____	d. 756	e. 714 _____	f. 799 _____

1 2 3 4 5 6 7 8 9 10

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a. 764 – 2 = 762

2. Ntsha pedi mo palong e o e neetsweng. Re go diretse ya ntlha.

b. 762 _____	c. 783 _____	d. 756 _____	e. 714 _____	f. 799 _____

3. Go diragala eng fa o tlhakanya kgotsa o ntsha pedi mo dipalong tse di fa godimo?

_____



Lebelela ditshekeletsa tsa botala jwa legodimo mo botong ya dipalo.

a. O lemoga eng ka ga ditshekeletsa tse? _____

b. Oketsa tatelano ya dipalo tse di latelang:

701; 703; 705; _____ ; _____ ; _____

725; 727; 729; _____ ; _____ ; _____

799; 797; 795; _____ ; _____ ; _____

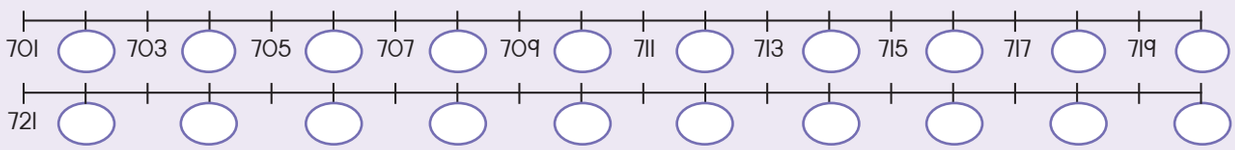
783; 785; 787; _____ ; _____ ; _____

779; 781; 783; _____ ; _____ ; _____

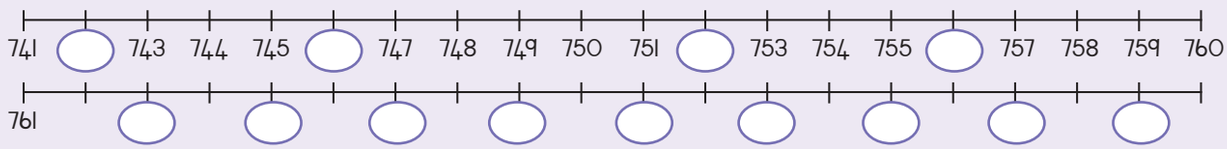


Tlatsa palo e e nepagetseng mo tshekeletseng nngwe le nngwe mo melapalong.

a.



b.





Ke na le dinomoro tsa meno 3.



Mono wa ntlha ke 7. O o latelang o feta 7 gabedi, mme mono wa bofelo o kwa tlase ga 7 gane.

Fa o balela kwa pele ka pedi go tloga fa nomorong e, palo e e tlaa nna bokae?

_____

Teacher:
Sign:
Date:

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83

Letlha:

Katiso: bo2 le bo5 go fitlha ka 75



O ka araba tse di latelang ka bonako jo bo kanakang?

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



Bona se tsala ya me e se dirileng.

Se sekaseke.

$4 \times 2 = 8$

Ditsala tsa me di supile 4×2 jaana:

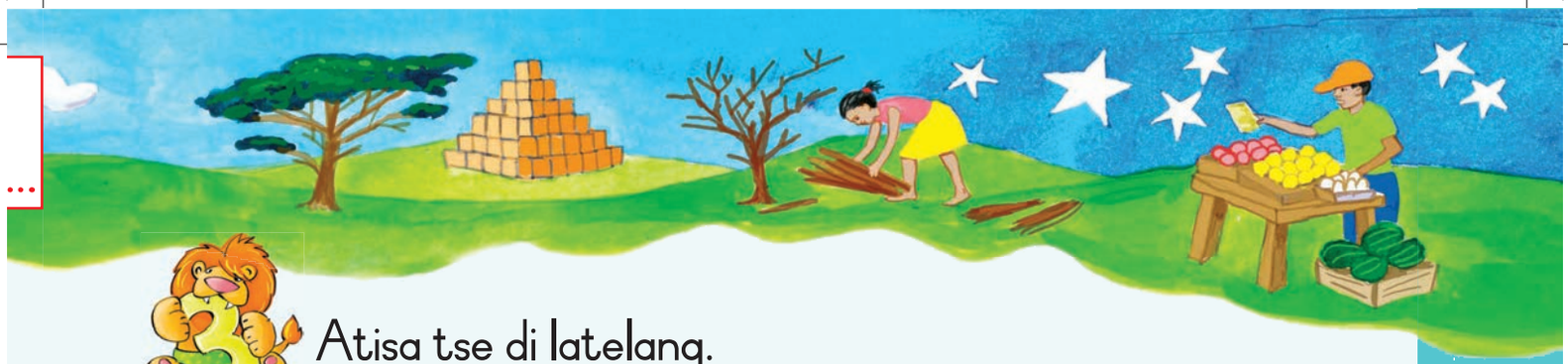
Bala ka go tlola dipalo tse dingwe	Ditlhopha tse di lekalekanang.	Tlhakantsha ka go boeletsa	Ditatelano	Dintlha
2, 4, 6, 8		2 + 2 + 2 + 2	xx xx xx xx	2 x 4 = 8 4 x 2 = 8 8 ÷ 4 = 2 8 ÷ 2 = 4

Jaanong go tshwana le se o se dirileng ka go bala ka go tlola dipalo tse dingwe $4 \times 5 = 20$.

Bala ka go tlola dipalo tse dingwe	Ditlhopha tse di lekalekanang	Tlhakanya ka go boeletsa	Tatelano	Dintlha

1 2 3 4 5 6 7 8 9 10

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3 Atisa tse di latelang.

24 × 3 = (20 + 4) × 3 = (20 × 3) + (4 × 3) = 60 + 12 = 72	a. 13 × 3	b. 18 × 3
c. 12 × 5	d. 21 × 3	e. 14 × 3
f. 25 × 3	g. 12 × 3	h. 15 × 5

4 Rarabolola tse di latelang:



Ke rekile dimonamone di le 14 ka R3 nngwe le nngwe.
Tsala ya me e rekile dimonamone di le 12 ka R5 nngwe le nngwe.
Re dueletse dimonamone bokae gotlhelele?

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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84

Letlha:

Katiso: botlhano go fitlha ka 75

Ke eng se se tlang ka botharo? Maotwana a teraesekele.



Go na le maotwana a le makae mo teraesekeleng e le 1?
Diteraesekeleng di le 2?
Diteraesekeleng di le 3?
Diteraesekeleng di le 4?
Diteraesekeleng di le 5?
Diteraesekeleng di le 6?
Diteraesekeleng di le 7?
Diteraesekeleng di le 8?
Diteraesekeleng di le 9?
Diteraesekeleng di le 10?

Lebaganya palo le potso e e ka fa molemeng:

$9 \times 3 = 27$
$7 \times 3 = 21$
$2 \times 3 = 6$
$4 \times 3 = 12$
$3 \times 3 = 9$
$5 \times 3 = 15$
$1 \times 3 = 3$
$10 \times 3 = 30$
$6 \times 3 = 18$
$8 \times 3 = 24$



Feleletsa theibole.

Dira ditlhopha	Atisa	Aroganya	Arola
Ditlhopha di le 11 tsa 3	$11 \times 3 = 33$	Aroganya 33 magareng ga 3	$33 \div 3 = 11$
Ditlhopha di le 15 tsa 3		Aroganya 45 magareng ga 3	
Ditlhopha di le 25 tsa 3		Aroganya 60 magareng ga 3	
Ditlhopha di le 12 tsa 3		Aroganya 36 magareng ga 3	



Feleletsa theibole.

Go aroganya	Arola
Aroganya 37 magareng ga 3	$37 \div 3 = 12$ go sala 1
Aroganya 74 magareng ga 3	
Aroganya 49 magareng ga 3	
Aroganya 68 magareng ga 3	

1 2 3 4 5 6 7 8 9 10

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3 Feleletsa ditshwantsho tse di elelang.

tiro	molawana	dipoelo
10	× 3	
12		
14		
16		
22		

tiro	molawana	dipoelo
11	× 3	
13		
15		
23		
25		

tiro	molawana	dipoelo
18	÷ 3	
30		
36		
42		
75		

tiro	molawana	dipoelo
12	÷ 3	
63		
66		
69		
75		

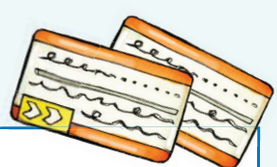
4 Feleletsa ditheibole tse di fa tlase:

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

×	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
4															

O bone jang dikarabo mo dibolokong tse di khalarilweng?

5 Rarabolola tse di latelang:



Madi a go tsena kwa phakeng ke R3 ngwana a le mongwe, mme go tsene bana ba le 23. Ba duetse bokae gotlhelele?

Teacher:
Sign:
Date:

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85

Letlha:

Katiso:

bo2, bo3 le bo4 go fitlha ka 75



O ka kgona go araba tse di latelang ka bonako jo bokae?

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



Bona se tsala ya me e se dirileng.

Se sekaseke.

$5 \times 2 = 10$

Ke simolotse go bontsha 5×2 jaana:

Bala ka go tlola	Ditlhopha tse di lekalekanang	Go tlhakanya go go boelediwang	Ditatelano	Dintlha
2, 4, _ _ _	● ● _ _ _ _	2 + _ _ _ _	_ Mola wa 2 xx	2 x _ = _ 4 x _ = _ _ ÷ _ = _ _ ÷ _ = _

Jaanong dira jalo ka $8 \times 3 = 24$.

Bala ka go tlola	Ditlhopha tse di lekalekanang	Go tlhakanya go go boelediwang	Ditatelano	Dintlha

$6 \times 4 = 24$

Bala ka go tlola	Ditlhopha tse di lekalekanang	Go tlhakanya go go boelediwang	Ditatelano	Dintlha

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Arola mme o tlhatlhobe karabo ya gago.

63 ÷ 3 = (60 + 3) ÷ 3 = (60 ÷ 3) + (3 ÷ 3) = 20 + 1 = 21	21 × 3 = (20 + 1) × 3 = (20 × 3) + (1 × 3) = 60 + 3 = 63
a. 48 ÷ 5	
b. 64 ÷ 5	

Rarabolola tse di latelang:



Nna le ditsala tsa me re na le R63 gotlhelele.
Re batla go e aroganya ka go lekana magareng ga boraro jwa rona.
Mongwe le mongwe wa rona o tlaa amogela bokae?

Teacher:
Sign:
Date:

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Letlha: .....

86 Thulaganyo ya dinomore: botharo go fitlha ka 800



O ka reng ka dinomore tse di leng mo dibolokong tsa mmala wa namune?

Bala ka botharo go tloga ka 703 go fitlha ka 799. Go tla palo efe morago ga 745 fa o bala ka botharo.

Balela kwa morago ka botlhano go tloga ka 799 go fitlha ka 703. Go tla palo efe pele ga 766 fa o balelela kwa morago.

701	702	703	704	705	706	707	708	709	710
711	712	713	714	715	716	717	718	719	720
721	722	723	724	725	726	727	728	729	730
731	732	733	734	735	736	737	738	739	740
741	742	743	744	745	746	747	748	749	750
751	752	753	754	755	756	757	758	759	760
761	762	763	764	765	766	767	768	769	770
771	772	773	774	775	776	777	778	779	780
781	782	783	784	785	786	787	788	789	790
791	792	793	794	795	796	797	798	799	800



Feleletsa ditatelanopalo.

703; 706; 709; _____; _____; _____	799; 796; 793; _____; _____; _____



Tlhakanya kgotsa ntsha tharo.

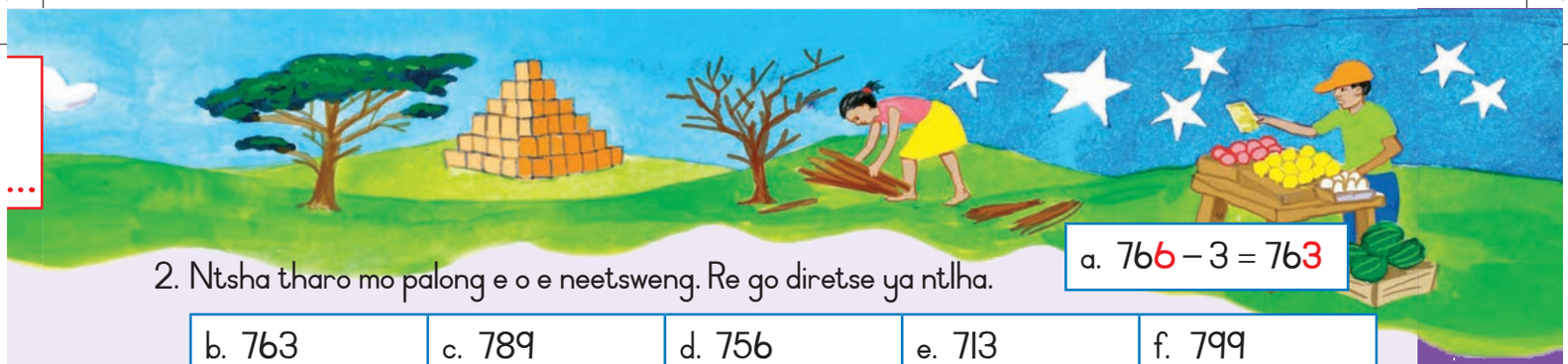
1. Tlhakanya tharo le palo e e filweng. Re go diretse ya ntlha.

a. 766 + 3 = 769

b. 766 _____	c. 783 _____	d. 756 _____	e. 713	f. 790 _____

1 2 3 4 5 6 7 8 9 10

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a. 766 – 3 = 763

2. Ntsha tharo mo palong e o e neetsweng. Re go diretse ya ntlha.

b. 763 _____	c. 789 _____	d. 756 _____	e. 713 _____	f. 799 _____

3. Go diragala eng fa o tlhakanya kgotsa o ntsha tharo mo dipalong tse di fa godimo?

_____



Lebelela sediko se se botala jwa legodimo mo botong ya dinomore.

a. O lemoga eng ka ga didiko tse? _____

b. Atolosa ditatelanopalo tse di latelang:

704; 707; 710; _____ ; _____ ; _____

773; 776; 779; _____ ; _____ ; _____

779; 776; 773; _____ ; _____ ; _____

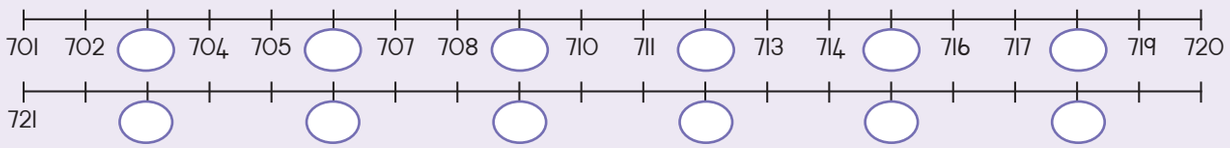
782; 785; 788; _____ ; _____ ; _____

779; 782; 785; _____ ; _____ ; _____

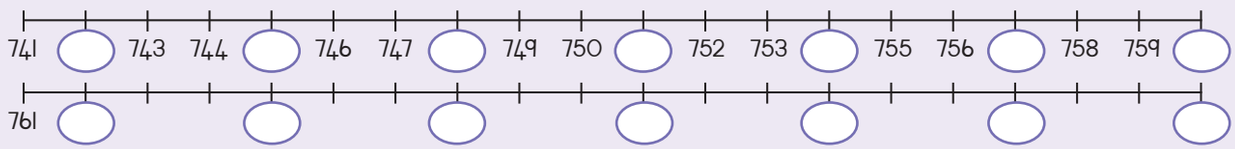


Tlatsa palo e e nepagetseng mo didikong tse di mo melapalong.

a.



b.





Ke na le palo ya menomeraro:



Mono wa ntlha ke 7, mono o o latelang o feta supa ka pedi, mme wa bofelo o kwa tlase ga supa ka supa.

Jaanong balela kwa pele ka botharo go tloga ka palo e. O bona palo efe?

_____



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87

Letlha:

Katiso: bonne go fitlha ka 75

Ke eng se se tlang ka bonne? Ke maotwana a koloi.



Ke maotwana a makae a a mo

koloing e le 1?
dikoloing di le 2?
dikoloing di le 3?
dikoloing di le 4?
dikoloing di le 5?
dikoloing di le 6?
dikoloing di le 7?
dikoloing di le 8?
dikoloing di le 9?
dikoloing di le 10?

Nyalanya palo le potso e e ka fa molemeng:

$9 \times 4 = 36$
$7 \times 4 = 28$
$2 \times 4 = 8$
$4 \times 4 = 16$
$3 \times 4 = 12$
$5 \times 4 = 20$
$1 \times 4 = 4$
$10 \times 4 = 40$
$6 \times 4 = 24$
$8 \times 4 = 32$



Feleletsa theibole.

Go bopa ditlhopha	Atisa	Aroganya	Arola
Ditlhopha di le 125 tsa 4	$12 \times 4 = 48$	Aroganya 48 magareng ga 4	$48 \div 4 = 12$
Ditlhopha di le 16 tsa 4		Aroganya 64 magareng ga 4	
Ditlhopha di le 18 tsa 4		Aroganya 72 magareng ga 4	
Ditlhopha di le 16 tsa 4		Aroganya 60 magareng ga 4	



Feleletsa theibole.

Aroganya	Arola
Aroganya 35 magareng ga 4	$35 \div 4 = 8$ go sala 3
Aroganya 55 magareng ga 4	
Aroganya 70 magareng ga 4	
Aroganya 75 magareng ga 4	

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3 Feleletsa ditshwantsho tse di elelang.

tiro	molawana	dipoelo
10	× 4	
11		
13		
14		
15		

tiro	molawana	dipoelo
9	× 4	
12		
16		
17		
18		

tiro	molawana	dipoelo
16	÷ 4	
32		
44		
60		
72		

tiro	molawana	dipoelo
40	÷ 4	
52		
56		
64		
68		

4 Feleletsa ditheibole tse di fa tlase:

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

×	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
4															

O bone jang dikarabo tse di mo dibolokong tsa mmala wa botala jwa legodimo?

5 Rarabolola tse di latelang:



Ke na le R75.
Ke ka reka dimpho tse dinnyane tsa moletlo di le kae ka R4?

Teacher:
Sign:
Date:

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88

Letlha: .....

Dipaterone tsa dipalo: bonne go fitlha ka 800



O ka bua eng ka ga dipalo tse di mo dibolokong tsa mmala wa namune?

Bala ka bonne go tloga ka 704 go fitlha ka 800. Go tla palo efe morago ga 736 fa o bala ka bonne?

Balela kwa morago ka bonne go tloga ka 800 go fitlha ka 704. Go tla palo efe pele ga 776 fa o balela kwa morago?

701	702	703	704	705	706	707	708	709	710
711	712	713	714	715	716	717	718	719	720
721	722	723	724	725	726	727	728	729	730
731	732	733	734	735	736	737	738	739	740
741	742	743	744	745	746	747	748	749	750
751	752	753	754	755	756	757	758	759	760
761	762	763	764	765	766	767	768	769	770
771	772	773	774	775	776	777	778	779	780
781	782	783	784	785	786	787	788	789	790
791	792	793	794	795	796	797	798	799	800



Feleletsa ditatelanopalo.

704; 708; 712; _____; _____; _____	724; 728; 732; _____; _____; _____



Tlhakanya kgotsa ntsha nne.

1. Tlhakanya nne le nomore e o e neetsweng. Re go diretse ya ntlha.

a. 764 + 4 = 768

b. 764 _____	c. 788 _____	d. 754	e. 718 _____	f. 794 _____

1 2 3 4 5 6 7 8 9 10

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a. 764 – 4 = 760

2. Ntsha nne mo palong e e fa godimo? Re go diretse ya ntlha.

b. 768 _____	c. 784 _____	d. 752 _____	e. 714 _____	f. 798 _____

3. Go diragala eng fa o tlhakanya kgotsa o ntsha nne mo palong e e fa godimo?

_____



Lebelela didiko tsa botala jwa legodimo mo botong ya dinomore.

a. O lemoga eng ka ga didiko tse? _____

b. Atolosa ditatelanopalo tse di latelang:

703; 707; 711; _____; _____; _____

773; 777; 781; _____; _____; _____

711; 715; 719; _____; _____; _____

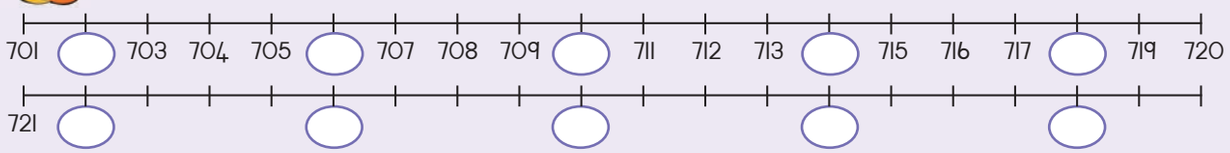
783; 779; 775; _____; _____; _____

799; 795; 791; _____; _____; _____

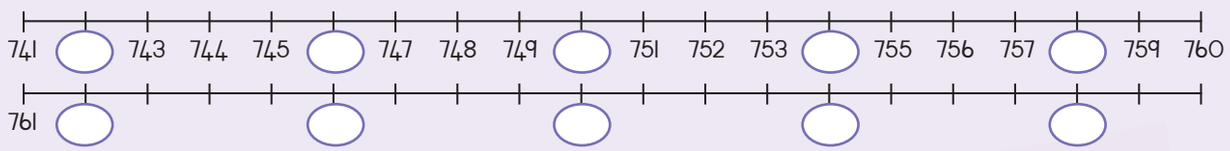


Tlatsa palo e e nepagetseng mo sedikong sengwe le sengwe mo melapalong e.

a.



b.





Ke na le palo ya menomeraro.

Mono wa ntlha ke 7, mono o o latelang o feta 7 ka nngwe, mme mono wa bofelo o kwa tlase ga 7 ka tharo.

Fa o balela kwa pele ka bonne go tloga mo palong, palo e, e tlaa nna bokae?

_____



Teacher:
Sign:
Date:

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89

Letlha:

Katiso le Karolo:
bo2, bo3, bo4, bo5 go fitlha ka 75



O ka araba tse di latelang ka bonako jo bo kanakang?

1 × 2 = _____	5 × 3 = _____	4 × 2 = _____	10 × 2 = _____
4 × 3 = _____	3 × 2 = _____	2 × 2 = _____	3 × 3 = _____
6 × 4 = _____	4 × 3 = _____	5 × 3 = _____	9 × 4 = _____
6 × 5 = _____	8 × 3 = _____	9 × 4 = _____	8 × 5 = _____
7 × 3 = _____	8 × 5 = _____	2 × 5 = _____	7 × 5 = _____



Khalara diboloko tse karabo ya tsona e go nayang tshalelo kana sesala.

12 ÷ 2 = 6	13 ÷ 3 = 4 go sala 1	15 ÷ 5 = _____	18 ÷ 5 = _____
20 ÷ 4 = _____	23 ÷ 4 = _____	16 ÷ 3 = _____	18 ÷ 3 = _____
25 ÷ 2 = _____	24 ÷ 2 = _____	30 ÷ 2 = _____	29 ÷ 2 = _____
19 ÷ 3 = _____	17 ÷ 3 = _____	31 ÷ 5 = _____	30 ÷ 5 = _____
55 ÷ 5 = _____	52 ÷ 5 = _____	57 ÷ 3 = _____	60 ÷ 3 = _____



O itse jang gore palo e ka arolwa ka:

- 3? Fa o tlhakanya meno ya palo (sk. 72 e na le meno 7 + 2 = 9) mme o kgona go arola palo e ntšhwa ka 3 (sk. 9 e arolega ka3).
- 2? _____
- 5? _____

1 2 3 4 5 6 7 8 9 10

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4 Arola mme o tlhatlhobe karabo ya gago.

65 ÷ 3 = (60 + 5) ÷ 3 = (60 ÷ 3) + (5 ÷ 3) = 20 + 1 go sala 2 = 21 go sala 2	21 × 3 + 2 = (20 + 1) × 3 + 2 = (20 × 3) + (1 × 3) + 2 = 60 + 3 + 2 = 65
a. 49 ÷ 5	
b. 65 ÷ 5	

5 Rarabolola tse di latelang:



O tshwanetse go dira dipatlisiso.
O itse jang gore palo e arolega ka 4?

Teacher:
Sign:
Date:

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Letlha:

Boleng jwa matlhakoremararo (3-D)



Lebelela ditshwantsho.

Bua ka ga boalo jwa dilo o dirisa mafoko a tshwana le sephaphathi le digoro kana potokwe.

Dibolo	Mabokoso	Selintara	Diphiramiti	Dikhounu
				



Lebelela ditshwantsho mme o feleletse dipolelo le dipotso.



a. Bolo _____.



b. Ke goreng bolo e sa relele?

_____



c. Selintara _____.



d. A selintara le yona e ka relela?

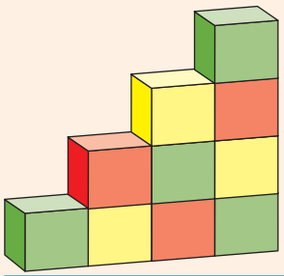
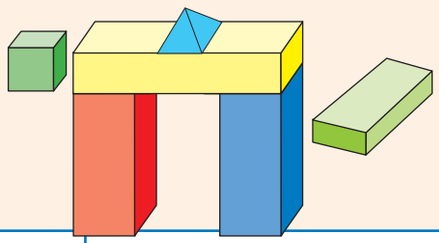
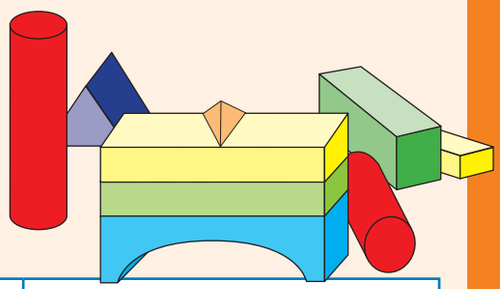
_____

1 2 3 4 5 6 7 8 9 10

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Naya leina la dilo tse di dirisitsweng mo setshwantshong sengwe le sengwe.

O tshwanetse go bua leina la selo gangwe fela. Bua gore a selo se se kgona kgo gokologa kgotsa go relela.

Bua gore selo sa matlhakoremararo (3-D) se sephaphathi kgotsa se kgophame.





Thala tse di latelang:

Lebokoso le ikaegile ka selintara.	Bolo e ikaegile ka selintara.	Selintara e ikaegile ka lebokoso.

Teacher:
Sign:
Date:

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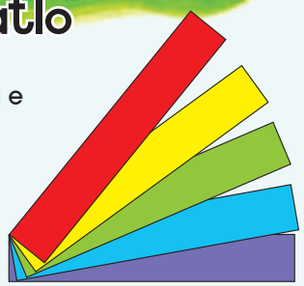
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Letlha: .....

Didiriswa tsa diterepe tsa dipalophatlo

Dimateriale: Diterepe tse 5 tsa dipampiri tsa mebala e e farologaneng, sekere, phensele/dikheraeyone

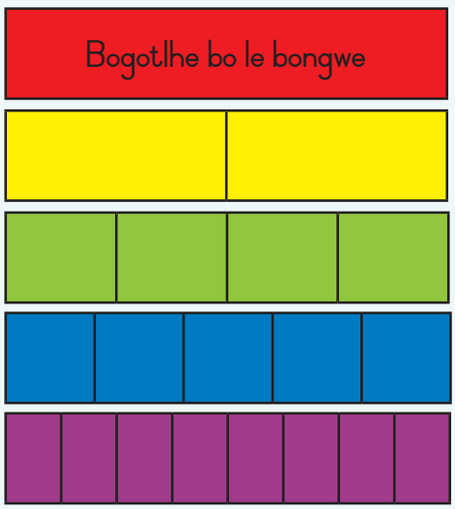




Dira sediriswa sa gago.

Mosego 5

Kwala mafoko a "Bogotlhe bo le bongwe"mo seterepeng se le sengwe sa pampiri. Tsaya seterepe se sengwe sa pampiri mme o se mene ka bogare. Jaanong se phutholole. O na le dikarolo di le kae tse di lekanang? Kwala $\frac{1}{2}$ mo letlhakoreng lengwe le lengwe mme o sege mo momenong. Tsaya seterepe sa pampiri sa boraro mme o se mene ka bogare, o se mene ka bogare gape. Se phutholole. O na le dikarolo di le kae tse di lekanang? Kwala $\frac{1}{4}$ mo karolong nngwe le nngwe ya bone, mme gape o sege mo mamenong. Jaanng leka go dira diterepe tse dingwe tse pedi, se le sengwe se bontsha bonngwetlhanong fa se sengwe se bontsha bonngwerobeding.





Dirisa dipalophatlo go go thusa ka dikarabo tsa dipotso tse.



Ke dinngwetlhanng ts kae tse di bopang palotlalo e e nngwe? ☐



Ke dinngwerobeding di le kae tse di lekanang le halofo e le nngwe? ☐



Dipalophatlo mo molapalong.

Seterepe se se bontsha bogotlhe bo le bongwe.

Bogotlhe bo le bongwe

Tshekeletsa e e bontsha bogotlhe bo le bongwe.

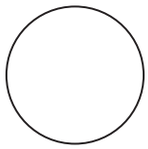


Arola seterepe ka dinngwetharong.

Khalara nngwe-tharong.

Arola didiko kana ditshekeletsa ka dinngwetharong.

Khalara tse nngwe-tharong

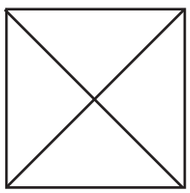
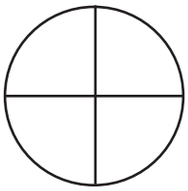
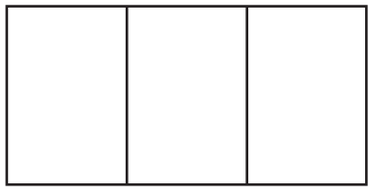
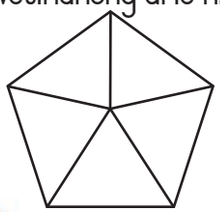
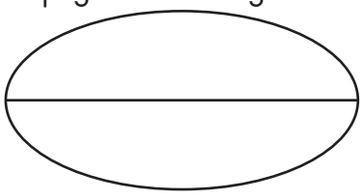
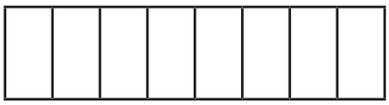


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4 Khalara tse di latelang:

Seripagare se le sengwe 	Dikotara di le tharo 	Dinngwetharong di le pedi 
Dinngwetlhanong di le nnе 	Seripagare se le sengwe 	Dikotara di le tharo 

5 Thala tse di latelang:

Dikotara tse tharo o dirisa khutlonnetsepa.	Seripagare se le sengwe o dirisa sediko.	Peditharong o dirisa khutlotharo.
Nnetlhanong o dirisa sediko.	Nnerobeding o dirisa sekwere.	Peditharong o dirisa khutlotharo.

6 Baakanya didiriswa tsa gago.






- Sega sengwe le sengwe sa didiko tse 6 go tswa mo go Mosego 6.
- Sega didiko di le tlhano go dikarolo go bapa le mela.
- Leibola karolo nngwe le nngwe:
  - Kwala palophatlo ya ura yotlhe mo letlhakoreng le lengwe.
  - Kwala palo ya metsotso mo palophatlong eo mo letlhakoreng le lengwe.

Teacher:
Sign:
Date:

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Letlha: .....

92 Dipalophatlo tse dingwe



Kwala Ee kgotsa Nnyaya.



- Halofo ke halofo ya bogotlhe bo le bongwe _____
- Halofo ya halofo ke kotara _____
- Kotara ke halofo ya halofo _____
- Halofo le dikotara tse pedi di dira bogotlhe bo le bongwe _____
- Halofo le kotara di dira dikotara tse tharo _____





Aroganya phae.

Sipho, Gugu, Andile le Lisa ba arogana phae e le nngwe.

a. Ke tshwerwe ke tlala! Ke batla halofo!

Sipho





Thala karolo ya ga Sipho.

b. Go siame! Ke tlaa tsaya kotara.

Gugu





Thala karolo ya ga Sipho le ya ga Gugu.

c. Ke tlaa tsaya seripa sa e e setseng.

Andile





Thala karolo ya ga Sipho, Gugu le Andile.

d. Lo ntshadiseditse phae e e kanakang?

Lisa





Thala dikarolo tsotlhe tsa bona tsa phae.

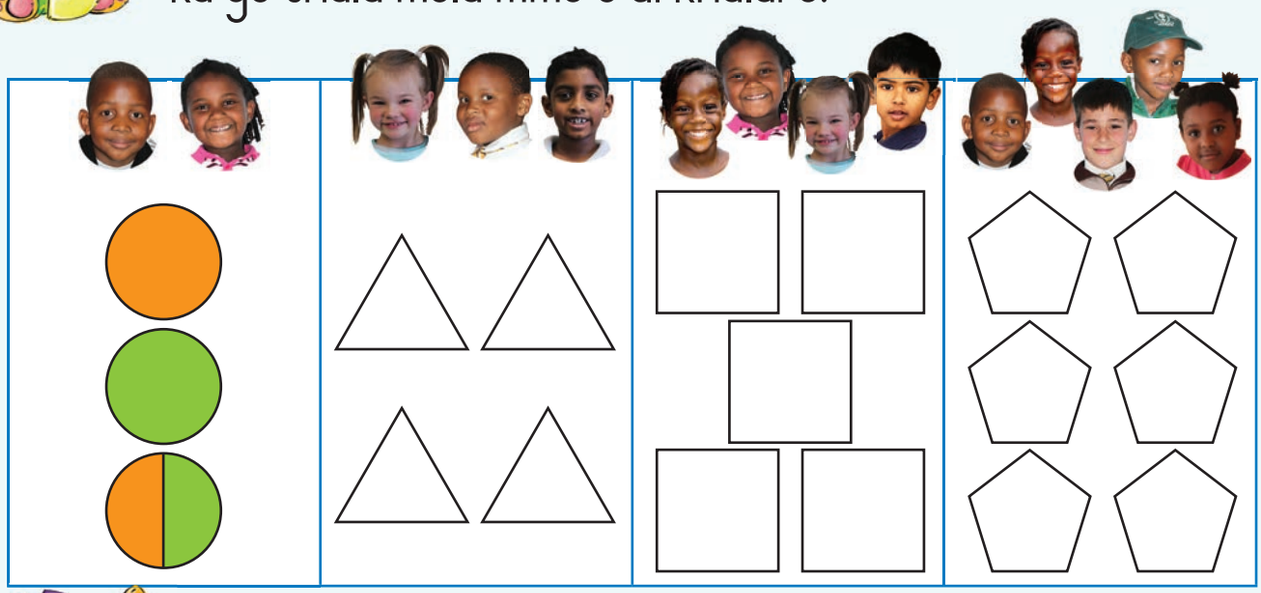
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Aroganya dibopego magareng ga bana, ka go thala mola mme o di khalare.





Ditsala tse nne di arogana semonamone sa kotana ka go lekana.

Mongwe le mongwe wa bona o tlaa amogela se se kanakang?

Potso ke efe?

_____

Dipalo ke dife?

_____

Thala setshwantsho.

Ditsala di le thataro di arolelana dimonamone tsa dikotana di le 9 ka go lekana.

Mongwe le mongwe o tlaa amogela se se kanakang?

Potso ke efe?

_____

Ke dipalo dife?

_____

Thala setshwantsho.



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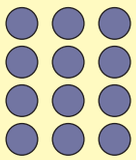
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Letlha: .....

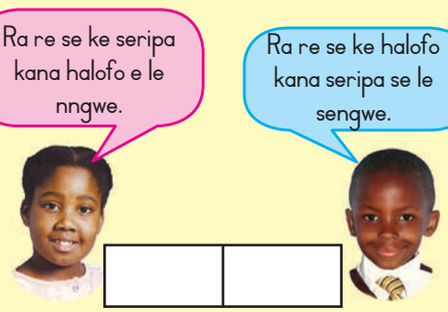
93

Go arogana go go isang kwa dipalophatlong

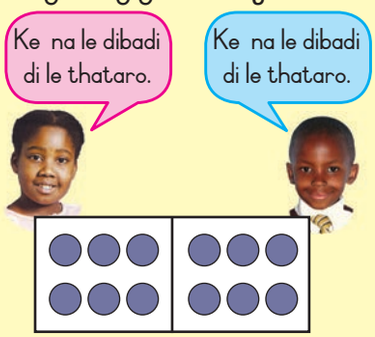
Tse ke dibadi di le 12



Re ditsala tse pedi. Re na le seduti se le sengwe fela se se arogantsweng ka seripa



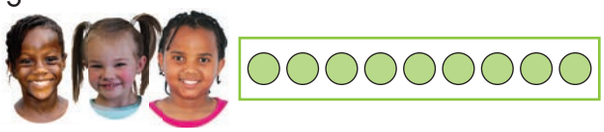
Re arogana dibadi di le lesomepedi magareng ga bobedi jwa rona





Thala dithalo tsa tse di latelang, mme o arabe dipotso.

Dibolo di le robongwe di arogantswe magareng ga ditsala di le tharo.



- Mosetsana mongwe le mongwe o tlaa amogela dibolo di le kae? ☐
- Mosetsana mongwe le mongwe o tlaa amogela palophatlo efe? ☐

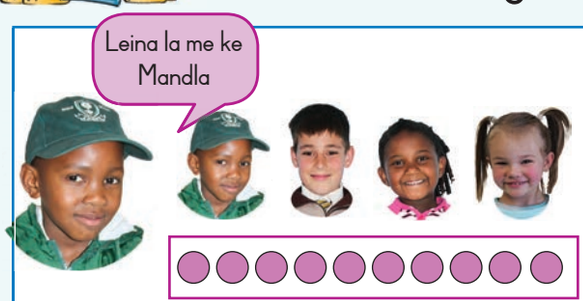
Dibolo di le lesomepedi di aroganngwa magareng ga ditsala di le nne. Ba le bararo ba ditsala tse ke basimane.



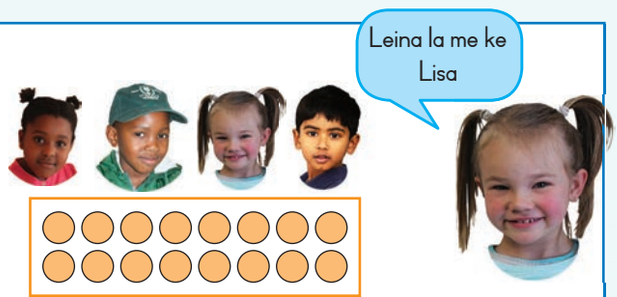
- Mosetsana mongwe le mongwe o tlaa amogela dibolo di le kae? ☐
- Ke palophatlo efe e mosimane mongwe le mongwe a tlaa e amogelang? ☐



Mandla o tlaa amogela palophatlo efe? Lisa o tlaa amogela dibolo di le kae?



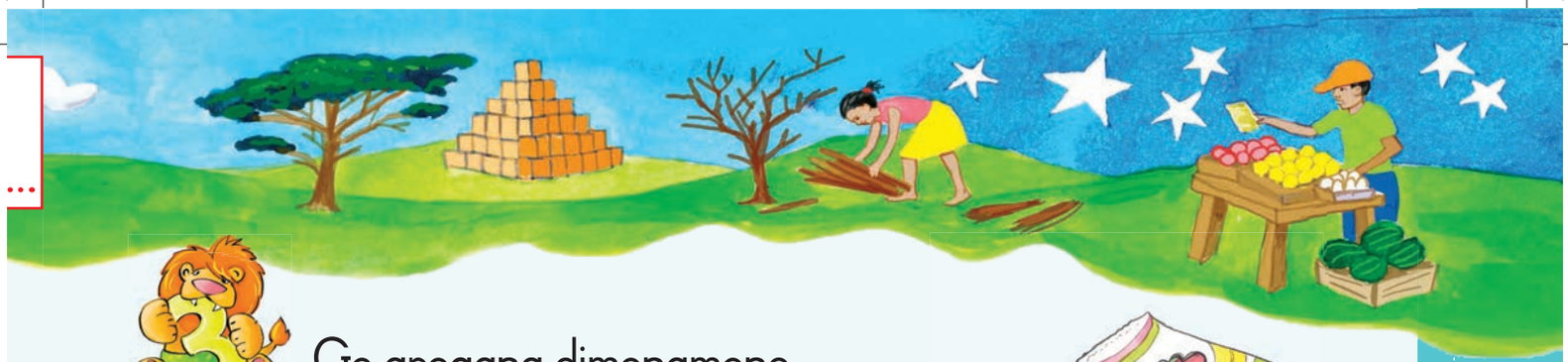
- Mandla le Lisa ba tlaa amogela dibolo di le kae?



- Mandla le Lisa ba tlaa amogela dibolo di le kae?

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Go arogana dimonamone.



Ditsala dingwe di arogana dimonamone. Mongwe le mongwe o amogela $\frac{1}{2}$ (halofo) ya paki. Ba tlhoka dipaki di le kae go di arogana magareng ga:

Ditsala di le 4? _____ Ditsala di le 6? _____ Ditsala di le 9? _____



b. Ke ditsala di le kae tse di kgonang go arogana:

Dipakete di le 4? _____ Dipakete di le 10? _____

Dipakete di le $3\frac{1}{2}$? _____



Dikhethe tsa go bina.

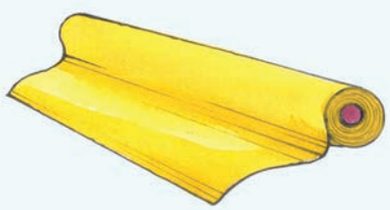
Bomme le bonkoko ba roka dikhethe tsa go bina.
Ba tlhoka dimetara di le $2\frac{1}{2}$ tsa letsela go roka sekhete se le sengwe.
Tlhotlhwa ya metara o le mongwe wa letsela ke R6.



a. Ba ka roka dikhethe di le kae ka?

5 m _____ 10 m _____

20 m _____ 25 m _____



b. Ba tlhoka letsela le le kanakang go roka?

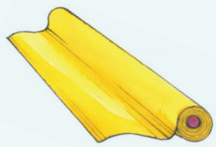
Dikhethe tse 2 _____ dikhethe tse 3 _____ dikhethe tse 4 _____

c. Letsela le ja bokae le le rokang?

Sekhete se le 1 _____ Dikhethe di le 2 _____ Dikhethe di le 3 _____

d. Ba ka roka dikhethe di le kae ka?

R450 _____ R825 _____ R180 _____.





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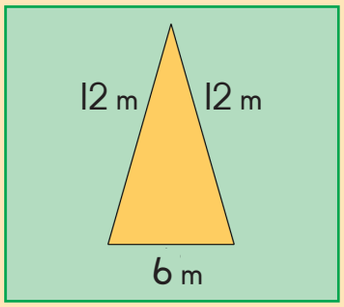
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Letlha:

Sekgalatikologo

Lefoko modiko le kaya boleele kgotsa sekgalatikologo sa selo.



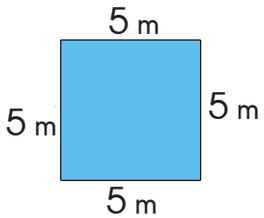
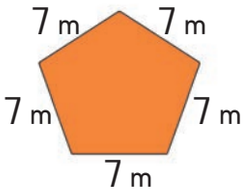
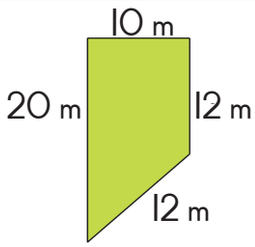
Rapolasa o na le polasa e e khutlotharo.

Re ka kgona go fitlhela modiko wa setsha ka go tlhakanya boleele jwa matlhakore.

Modiko = 12 m + 12 m + 6 m = 30 m

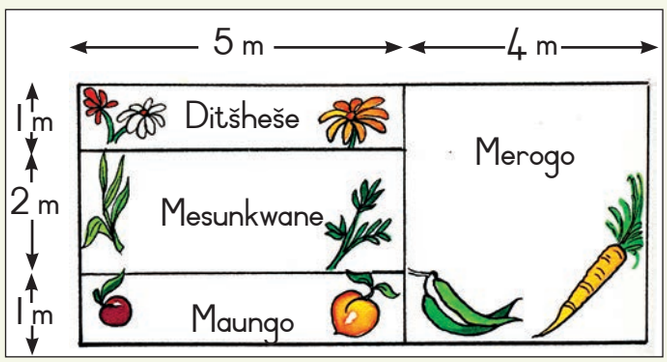


Batla mediko ya tse.



Tshingwana ya ga Mpho.



Mpho o thala setshwantsho sa tshingwana e a batlang go jwala mo go yona.

a. Ke modiko o o kanakang wa lefelo le a batlang go jwala mesunkwane mo go lona? _____

b. Ke dikarolo dife di le pedi tse di nang le modiko o o tshwanang? Modiko ke eng?

_____ le _____ e na le modiko wa _____ m.

c. O tlhoka legora go akaretsa tshingwana. Terata e ja R50 metara.

Legora le tlaa ja bokae? _____

1 2 3 4 5 6 7 8 9 10

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3 Sediko sa selekanyi.

Dirisa pampiri ya keriti ya Mosego 7 go rulaganya tshingwana ya gago. Bontsha ditekanyo tsotlhe tsa gago le dijwalo tse o batlang go di jwala.

4 Go lekanyetsa didiko.

Dira le molekane wa gago.

Didiriswa: Dilo di le 10 tse di kgolokwe tsa bogolo jo bo farologaneng jaaka poleite, galase, lleme e e kgomarelang, sekhurumelo sa lebotlolo, mogala le sekere..



1. Tlhopha selo se le sengwe se se kgolokwe go se lekanya ka mogala.
2. Sega semukana sa mogala boleele jwa go lekana go dikologa selo.
3. Jaanong tsaya mogala o o atshwanang mme o o taolose go kgabaganya sediko kana tshekeletsa. Bala gore o kgabaganya makgetlo a le makae.
4. Dira se gape ka dilo tse dingwe tse di sediko
5. Kwala se o itemogelang sona.

Sekgalatikologo sa sediko se bidiwa **sedikiso**.	
Sekgalatikologo go kgabaganya sediko se bidiwa **molagare**	

Teacher:
Sign:
Date:

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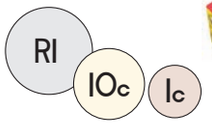
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95a Thefosano ya madi

Letlha:

Tshamekang motshameko o ka sebedi.

Dimateriale: RIOO RIO





RIOOs	RIOs	RIs	IOc	Ic

Boto ya madi(Mosego 8) Pampiri le phensele, mataese a mabedi, madi a go tshamekisa (Mosego 9): RIOO le RIO ya pampiri, RI,IOc le Ic ya tshipi

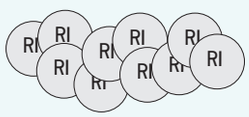
Baya Boto ya Madi mo tafoleng.

Boto e na le dikarolo di le 5 tse di tswang kwa mojeng go ya kwa molemeng, RIOO, RIO, RI, IOc, le sente I. Mo motshamekong o re dirisa dikholomo tsa ntlha tse 3.



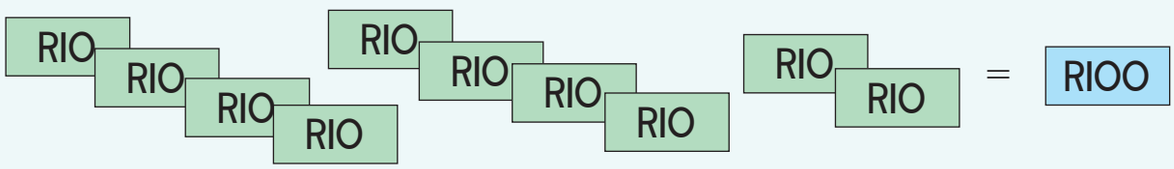
Tlhakanya go fitlha ka diranta di le 100.

1. Setshameki sengwe le sengwe se bona tšhono ya go dikolosa letaese. Tlhakanya dinomoro tse pedi.
2. Tsaya nomore ya RI o e beye mo karolong ya di RI mo botong.
3. Fa o nna le di RI tsa tshipi di le lesome, o tshwanetse go di fetolela gore o nne le RIO ya pampiri.



= RIO

4. Wa ntlha go kgobokanya RIO di le lesome a bo a di fetola go bona RIOO, ke mofenyi.



5. Dikotlhao: Fa motshameki a fetsa nako ya gagwe ya go tshameka mme a lebala go fetolela RI di le lesome tsa tshipi go RIO ya pampiri mme motshameki yo mongwe a lemoga phoso eo, kotlhao e tlaa nna RI. Fa motshameki a lebetse go fetolela RIO di le lesome tsa pampiri tsa RIOO e le nngwe, o tshwanetse go duela RIO go motshameki yo mongwe.

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Go ntsha go tswa go RIOO go ya go RO.

Tshameka motshameko o o tshwanang, o simolole ka RIO ya pampiri mme o ntshe palo ya dinomore tse di mo letaeseng. Motshameki yo o fitlhang kwa go RO pele, ke mofenyi.

RIOO	RIO	RI	IOc	Ic

Go tlhakanya le go ntsha RI OOO.

Tlhakanya palo ya letaese ka gale fa e le tšhono ya gago ya go tshameka, mme o tseye tse RIO tse di lekanang palo eo. Wa ntlha go kobokanya RIOOO, ke mofenyi. Kgotsa simolola ka RIOOO, ka gale fa e nna tšhono ya gago ya go tshameka, ntsha. Motshameki wa ntlha go fitlhela RO, e tlaa nna mofenyi

Go tlhakanya go fitlha ka RI.

Tshameka motshameko o o tshwanang le wa ntlha, kwa ntle ga fa o latlha letaese mme o fitlhela palo, mme o tsaya palo ya letaese ka sente. Fa o na le di Ic di le lesome, e fetolele go IOc. Wa ntlha yo o ka fetolelang IO di le lesome go RI ke mofenyi.

Ntsha disente.

Simolola ka RI, mme o ntshe nako nngwe le nngwe fa o tshameka. Wa ntlha go fitlhela disente di le O, ke mofenyi.

Teacher:
Sign:
Date:

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95b

Letlha: .....

A re yeng mabenkeleng!



Sesolo sa dihutshe.

Lebenkele le rekisa dihutshe ka ditlhwotlhwa di le 5 tse di farologaneng.





							Dipalogotlhe
Hutshe ya a 	R20	R20	R20	R20	R20	R20	RI20
Hutshe ya b 	R25	R25	R25	R25	R25	R25	
Hutshe ya c 	R50	R50	R50	R50	R50	R50	
Hutshe ya d 	R75	R75	R75	R75	R75	R75	
Hutshe ya e 	RIOO	RIOO	RIOO	RIOO	RIOO	RIOO	

a. Batla bolengpalo jwa dihutshe mo moleng mongwe le mongwe.

b. MaZondo o reka hutshe e le nngwe ya mofuta mongwe le mongwe wa dihutshe.

O duela bokae gotlhelele? _____

Tlhotlhomisa!
Bapisa!
Nepagetse!

c. Buti o dirisitse madi a a kana ka R450 gotlhelele. O reka hutshe e le nngwe ka RIOO.

O rekile dihutse di le kae gape? Bontsha dikarabo di le pedi tse di ka kgonagalang.

Karabo I	Karabo 2

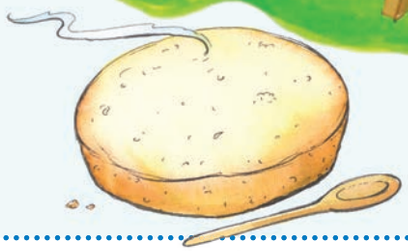
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Kwa lepakeng.

Musa o dirisa resipi e go baka kuku e e matobetobe.



Resipi ya kuku e e matobetobe.

Tsa kuku: 40g ya folouru e e ikokomosang; mae a le 3, 50g ya sukiri

Tsa go tlatsa kuku: 140ml ya lobebe

a. Bereka gore Musa o tlaa tlhoka tse kae go baka dikuku tse di matobetobe di le 6.

Kuku	Folouru	Mae	Sukiri	Lobebe
1	40 g	3	50 g	140 ml
2				
3				
4				
5				
6				

b. Tshwaya (✓) karabo e e nepagetseng.

1 litara ya lobebe e ka tlatsa: dikuku di le 10, dikuku di le 7, dikuku di le 8.





Dipalo tsa ka bonako.

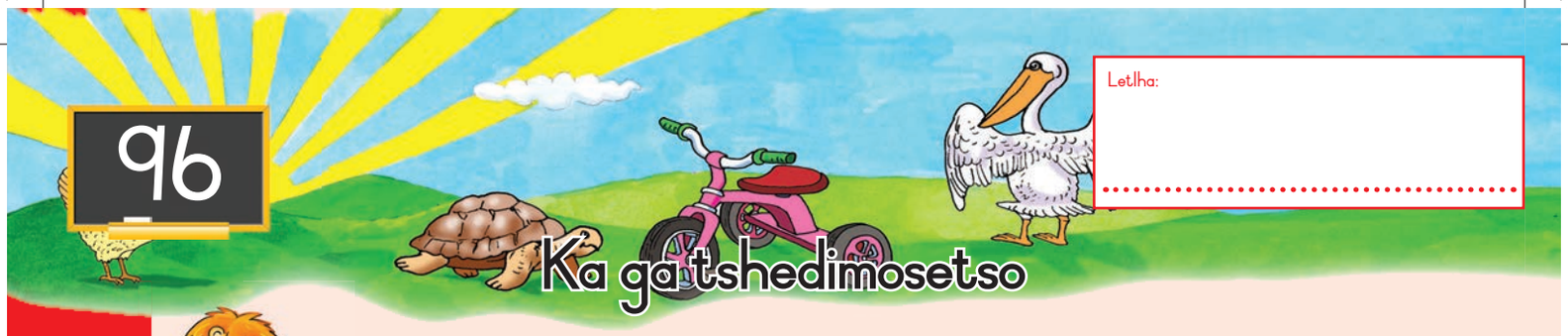
Sekaseka!
Bapisa!
Nepagetse!

10 × 7 =	10 × 70 =	5 × 7 =	5 × 70 =	70 × 2 =
12 × 4 =	12 × 8 =	6 × 16 =	5 × 9 =	50 × 9 =
15 × 3 =	15 × 6 =	10 × 4 =	8 × 4 =	18 × 4 =

Teacher:
Sign:
Date:

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Letlha:

Ka gatshedimosetso



Kwa seteišeneng sa maphodisa.

Maphodisa a le matlhano a dira ditiro tse di farologaneng. Ba kwa kae jaanong?

	Kwa desekeng	Kwa mmileng	Kwa kgotlatshekelo
Serufe			×
Maria	×		
Ati	×		
Amos		×	
Dudu			×

Kwala maina a ba ba: Kwa desekeng? _____

Kwa mmileng? _____

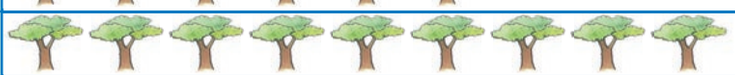
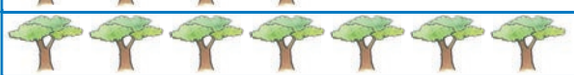
Kwa kgotlatshekelo? _____



Letsatsi la ditlhare.



Dikolo di le tlhano di gaisana ka gore ke mang yo a ka jwalang ditlhare tse dintsi go gaisa ka letsatsi la go jwala ditlhare.  = 10 ditlhare

Klipspruit	
Mthonjeni	
Sonskyn	
Thutong	
Mosiba	

Sekolo sengwe le sengwe se jwala ditlhare di le kae?

Klipspruit	Mthonjeni	Sonskyn	Thutong	Mosiba

Dikolo di jwadile ditlhare di le kae gotlhelele? _____

1 2 3 4 5 6 7 8 9 10

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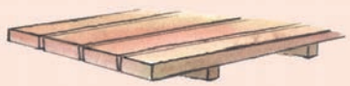


Ke mofuta ofe wa marulelo?

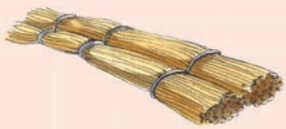
Barutwana ba kreite ya 3 ba dira dipatlisiso mo motsaneng wa bona.

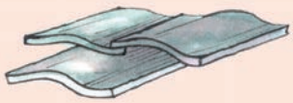
Ba batla go itse ka ga mefuta e e farologaneng ya marulelo a dintlo.

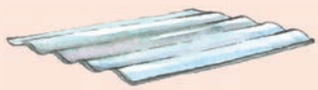
Ba bontsha dipoelo tsa bona mo kerafong e ya boloko.



Ba thala letshwao (✓) mabapi le ntlo nngwe le nngwe e ba e bonang.







Dithaele	✓	✓	✓	✓	✓	✓					
Bojang	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Dikota	✓	✓	✓	✓	✓	✓	✓	✓			
Disenke	✓	✓	✓	✓	✓	✓	✓	✓	✓		

Ke marulelo a le makae a mofuta mongwe le mongwe a o a bonang?

Dithaele _____ Bojang _____ Dikota _____ Disenke _____

Ke marulelo afe a a ratiwang thata? _____

Ba badile marulelo a le makae gotlhelele? _____



Bogolo jwa dihutshe.

Basimane ba sekolo sa Juma ba rwala dikepese tsa sekolo.



Dikepese di tla ka bogolo jwa 2, 3 le 4.

2	2	3	2	3	4	4	3	2	3	2	3
4	2	2	3	3	3	2	2	2	3	4	4
2	3	2	3	4	2	4	4	3	4	2	2
2	2	3	3	3	4	2	2	2	3	3	4
4	2	2	2	3	4	2	4	4	3	2	

Bala gore ke barutwana ba bakae ba ba rwalang bogolo bo le bongwe jwa dikepese.

2 _____ 3 _____ 4 _____

Ke bogolo bofe jo bo ratiwang thata? _____

Sekaseka!
Bapisa!
Nepagetse!

Teacher:
Sign:
Date:

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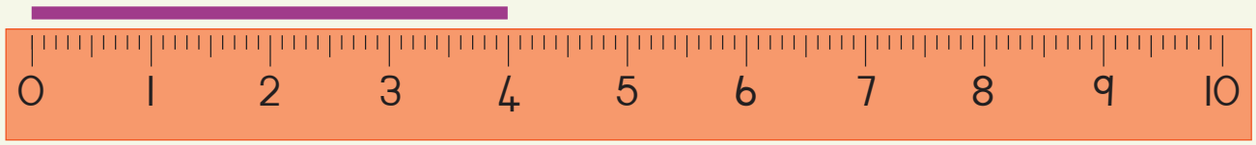
97

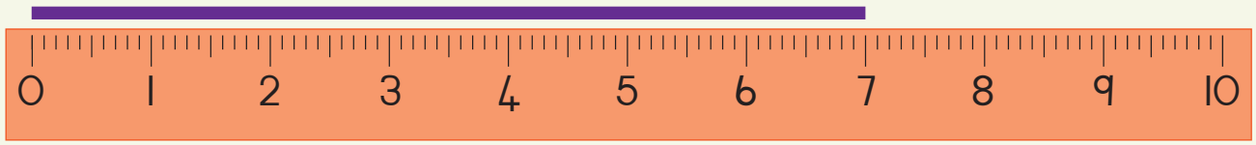
Letlha: .....

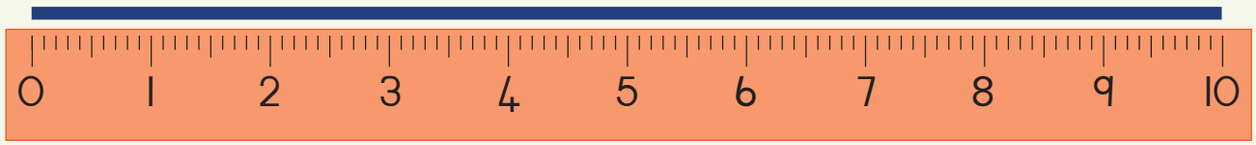
Go dira ka disentimitara



Mola o o khalarilweng o boleele jo bo kae?









Simolola ka go fopholetsa morago o lekanye mela. Feleletsa tshedimosetso.

Mola	Phopholetso	Tekanyo	Pharologano magareng ga phopholetso le tekanyo

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3 Dirisa rulara go thala mela e e latelang.

a. 10 cm

b. 7 cm

c. 15 cm

4 Bua gore a o tlaa lekanyetsa tse di latelang ka dimmitara kgotsa ka disentimitara.

a. Boleele jwa buka _____

b. Boleele jwa lebati _____

c. Boleele jwa phensele _____

d. Boleele jwa gago. _____

e. Boleele jwa monwana wa gago _____

Gakologelwa mafoko a makhutshwanyane (dikhutshwafatso) a re a dirisang go kwala sentimitara (cm) le mmitara (m).

5 Mo bogareng jwa ngwaga o dirisitse dikheraeyone di le lesome. Boleele jwa diphensele tsa gago e ne e le 15 cm pele o di dirisa.

Morago ga go e dirisa kheraeyone e khibidu e boleele jwa 7 cm, e e botala jwa legodimo e 5 cm, e e botala jwa tlhaga e 6 cm, e e serolwana e 11 cm, e e phepole e 12 cm, ya mmala wa namune e 9 cm, e khonnou e 14 cm, e ntsho e 8 cm, e pinki e 13 cm mme e tshweu e 15 cm.



a. O dirisitse kheraeyone efe thata? _____

b. O dirisitse kheraeyone efe go le gonnye? _____

c. Kwala boleele jwa dikheraeyone tsa gago go tloga ka e khutshwakhutshwane go fitlha ka e teleletelele

_____

Teacher:
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Date:

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98

Letlha: .....

Dipalo 700 go fitlha ka 800



Bala mme o kwale!

a. Dirisa tšhate e e latelang go go thusa go bala go tloga ka 700 go fitlha ka 800. Buela dipalo kwa godimo fa o ntse o bala.



700

701			704						710
							718		
	722								
					736				
741								749	
							758		
		773							
							788		790
	792			795					800

b. Kwala dipalo tse di tlogetsweng mo keriting e e fa godimo.

c. Kwala dipalo di le 10 tse di tlang morago ga 750.

750; _____; _____; _____; _____; _____; _____; _____; _____; _____; _____

d. Kwala dipalo tse 8 tse di latelang ka dipaterone tsa bo2.

762; 764; 766; _____; _____; _____; _____; _____; _____; _____

e. Kwala dipalo tsotlhe ka dipaterone tsa bo2 go tloga ka 751 go fitlha ka 773.

751; _____; _____; _____; _____; _____; _____; _____; _____; _____; _____; 773

f. Kwala dipalo tse 8 tse di latelang ka dipaterone tsa bo5

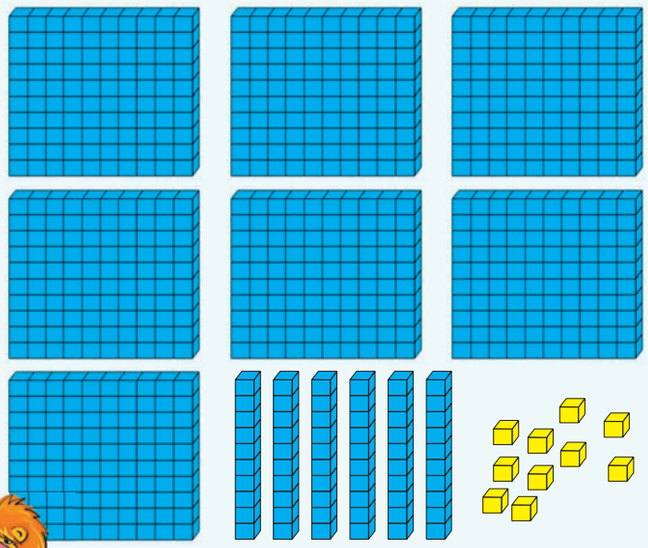
751; 756; 761; _____; _____; _____; _____; _____; _____; _____

1 2 3 4 5 6 7 8 9 10

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2 O bala diboloko di le kae?



O badile diboloko jang?

3 Feleletsa melapalo.

750			753				757		759	
							789	788	787	
					753	756	759			

4 Feleletsa theibole kgotsa lenaneo.

	Kwala go tloga ka nomore e nnyennye go fitlha ka e kgolokgolo	Kwala go tloga ka palo e kgolokgolo go fitlha ka e nnyennye
776, 772, 779, 770, 778		
736, 703, 730, 713, 703		

5 Kwala tse di latelang ka mafoko.

788	

Teacher:
Sign:
Date:

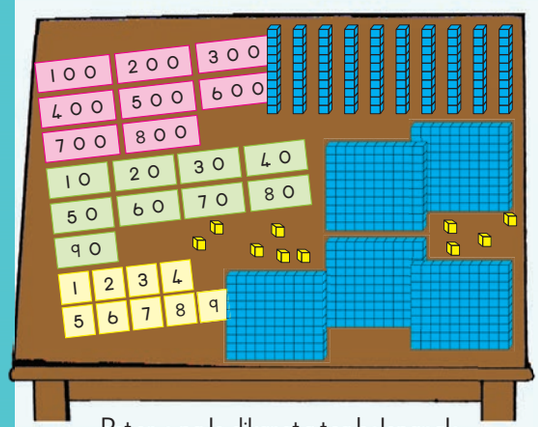
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99

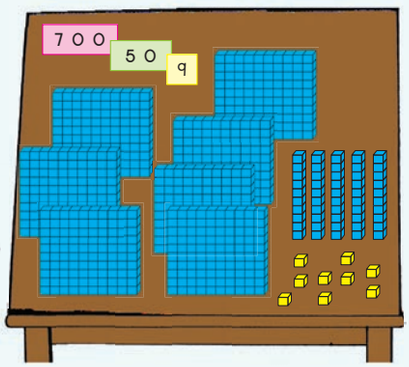
Letlha: .....

Dipalo tse dingwe 700 go fitlha ka 800

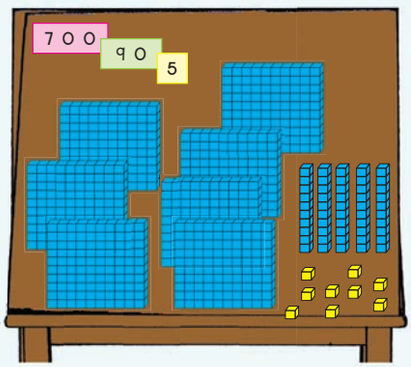


Peter o na le dikarata tsa bolengpalo le diboloko di le lesome.

Morutabana o kopile Peter go mmontsha 759 ka dikarata le diboloko tsa gagwe.

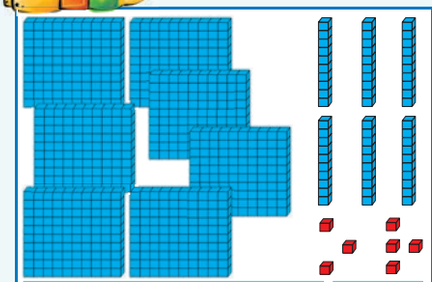


Morutabana o kopile Peter go mmontsha 759 ka dikarata le diboloko tsa gagwe.

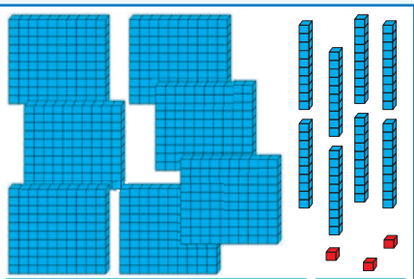


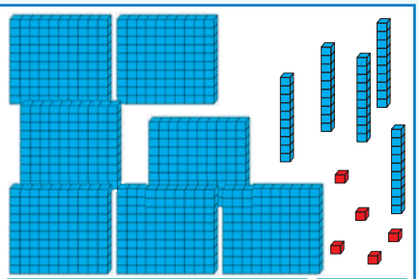


Kwala polelopalo mme morago o kwale karabo.



700 + 60 + 7 = 767







Kwala polelopalo mme morago o kwale karabo.

700 + 90 + 9	500 + 50	60 + 5
=		

1 2 3 4 5 6 7 8 9 10

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3 Feleletsa molapalo.

789	790	791								799

Naya dipalo tsotlhe tse dinnyennyane go 795. _____

Naya dipalo tsotlhe tse dikgolwane go 795. _____

4 Tlatsa ka <, > kgotsa =

a. 799 _____ 766 b. 745 _____ 750

c. 700 + 90 + 7 _____ 767

5 Kgaoganya palo ya gago.

a. Aga palo nngwe le nngwe ka dikarata tsa gago.

b. Kwala bolengpalo jwa mono mongwe le mongwe. Jaanong dira se: Kgaoganya palo ya gago.

790	
689	
699	
755	
690	

Sekao: 799

7 0 0

9 0

9

7 9 9

799 700 + 90 + 9

6 Kwala maina a dipalo.

668	
757	
799	
742	
691	

Teacher:
Sign:
Date:

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100

Letlha: .....

Dipalo 800 go fitlha ka 900



Bala mme o kwale!



a. Dirisa tšhate e e latelang go go thusa go bala go tloga ka 800 go fitlha ka 900. Buela dipalo kwa godimo fa o ntse o bala.

800

801			804						810
							818		
	822								
					836				
841								849	
							858		
		873							
							888		890
	892			895					900

b. Kwala dipalo tse di tlogetsweng mo keriting e e fa godimo.

c. Kwala dipalo di le 10 tse di tlang morago ga 800.

800; _____; _____; _____; _____; _____; _____; _____; _____; _____; _____

d. Kwala dipalo tse 8 tse di latelang ka dipaterone tsa bo2.

852; 854; 856; _____; _____; _____; _____; _____; _____; _____

e. Kwala dipalo tsotlhe ka dipaterone tsa bo2 go tloga ka 807 go fitlha ka 829.

807; _____; _____; _____; _____; _____; _____; _____; _____; _____; _____; 829

f. Kwala dipalo tse 8 tse di latelang ka dipaterone tsa bo5.

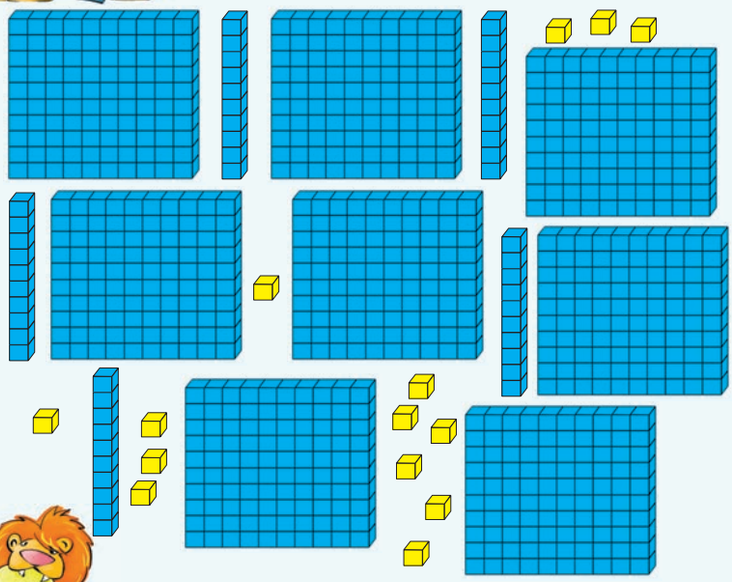
834; 839; 844; _____; _____; _____; _____; _____; _____; _____

1 2 3 4 5 6 7 8 9 10

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2 O bala diboloko di le kae?



O badile diboloko jang?

3 Feleletsa melapalo.

830			833				837	838		
							876	881	886	
					843	846	849			

4 Feleletsa theibole kgotsa lenaneo.

	Kwala go tloga ka e nnyennye go fitlha ka e kgolokgolo	Kwala go simolola ka e kgolokgolo go fitlha ka e nnyennye
856, 853, 855, 851, 857		
898, 801, 810, 819, 891		

5 Kwala tse di latelang ka mafoko.

845	

Teacher:
Sign:
Date:

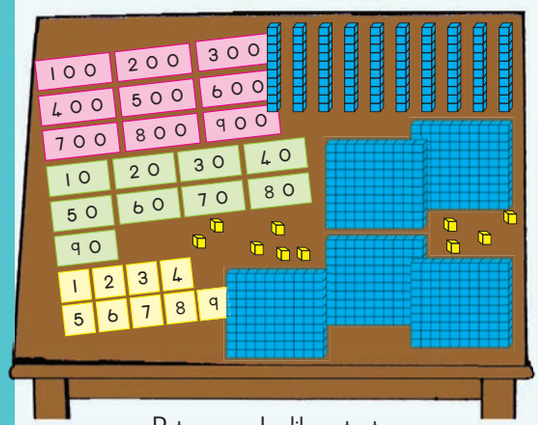
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101

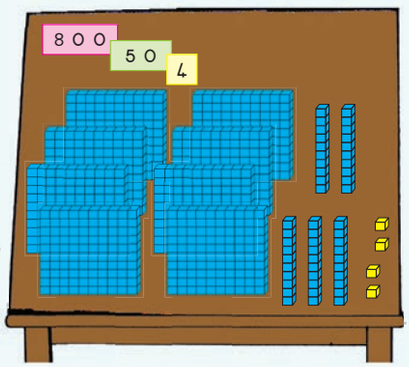
Letlha: .....

Dipalo tse dingwe 800 go fitlha ka 900

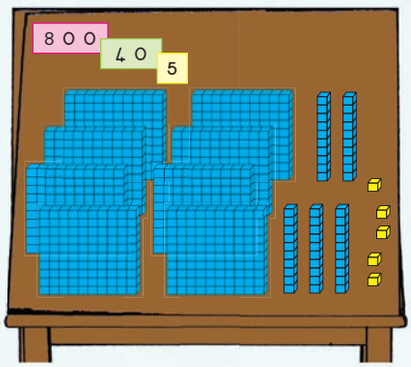


Peter o na le dikarata tsa bolengpalo le diboloko di le lesome.

Morutabana o kopile Peter go mmontsha 854 ka dikarata le diboloko tsa gagwe.

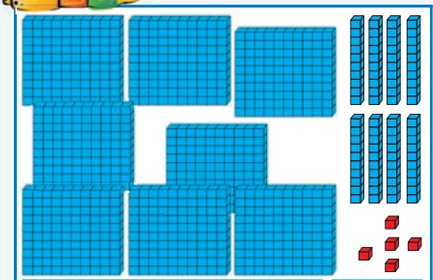


Se ke se Ben a se bontshitseng. Ke eng se se phoso se a se dirileng?





Kwala polelopalo mme morago o kwale karabo.



800 + 80 + 5 =	885				



Kwala polelwana ya dipalo morago ga karabo.

800 50 2	800 90 7	800 3
800 + 50 + 2		
=		

1 2 3 4 5 6 7 8 9 10

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3 Feleletsa molapalo.

889	890	891									900

Naya dipalo tsotlhe tse dinnyennyane go 894. _____

Naya dipalo tsotlhe tse dikgolwane go 894. _____

4 Tlatsa ka <, > kgotsa =

a. 899 _____ 898 b. 802 _____ 820

c. 900 + 70 + 5 _____ 785

5 Kgaoganya palo.

a. Aga palo nngwe le nngwe ka dikarata tsa gago.

b. Kwala bolengpalo jwa mono mongwe le mongwe. Jaanong dira se: Kgaoganya palo ya gago.

890	
889	
802	
855	
840	

Sekao: 876

800

70

6

876

876	800 + 70 + 6

6 Kwala maina a dipalo.

889	
825	
803	
830	
899	

Teacher:

Sign:

Date:

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102a

Letlha:

Go kala dilo



Lebelela ditshwantsho tse di latelang mme o arabe dipotso.



a. A 1 kg ya sesepa sa bopi se botlhofonyana kana boketenyana go na le 2 kg ya sesepa sa go tlhatswa?

_____

b. Ke eng se se botlhofonyana: 500 g ya disirele kgotsa 200 g ya dibesikiti?

_____

c. Ke eng se se boketenyana: 100 g ya setlolo sa mmele kgotsa 1kg ya setampa?

_____



Re kala bokae gotlhelele?

Ke kala25 kg, tsala ya me 29 kg mme nnake 45 kg.



Dilo di kala bokae fa di le mmogo?

Kumo ya ntlha e kala 1 kg 500 g, ya bobedi 3 kg 500 g mme ya bofelo 2 kg 500 g.

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Lebelela ditshwantsho mme morago o arabe dipotso.



Nka kwala jang 3,5 kg ka dikilogeramo le digeramo?

Feleletsa theibole.

Morutabana wa gago o tlaa go naya dilo di le tlhano go di lebelela. Fopholetsa boima jwa tsona mme o di kale. .

Selwana	Phopholetso	Selekano	Pharologano fa gare ga phopholetso le selekano

Di kadile bokae fa di le mmogo?

Kumo ya ntlha e kala 2 kg 500 g, ya bobedi 1 kg 500 g mme ya bofelo 3 kg 500 g.

Teacher:
Sign:
Date:

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102b

Letlha:

A re kaleng go feta

Boima ke selekano kgotsa tekano e e tlhalosang gore selo se dutile go le kanakang. Bontsi jo bo dutilweng bo kaya gore selo seo se boima go le kae.

Bokete ke tekano ya maatla a a gogelang selo kwa tlase. Kgogelo (kerafiti) tlaa nna boima jo bo kwa tlase kwa ngweding ka jalo bokete jwa dilo bo kwa tlase kwa teng.

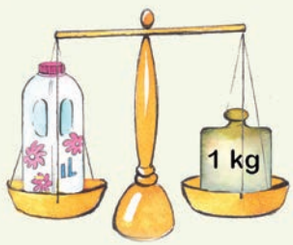
Mo lefatsheng re dirisa tekanyo ya boima le bokete mo mabakeng a ka metlha a letsatsi le letsatsi. Re lekanyetsa ka dikilogeramo le digeramo.

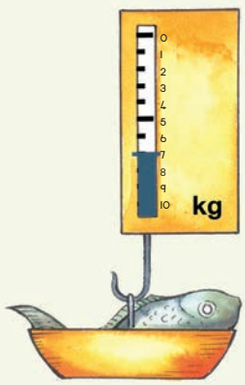
Dikale tse di farologaneng

Re dirisa dikale tse di farologaneng go lekanyetsa boima le bokete.

Re lekanyetsa boima ka sekalatekanyo mme bokete ka sekale sa seporeng

Llitara ya metsi e na le bokete jwa 1 kg.



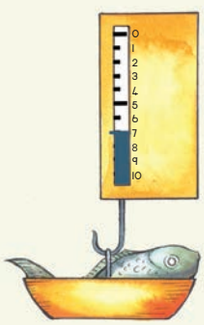


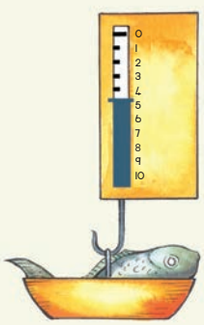
Tlhapi e e na le boima jwa 3 kg

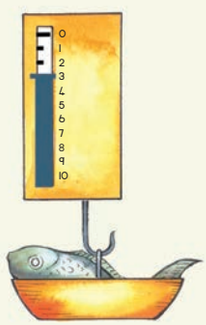


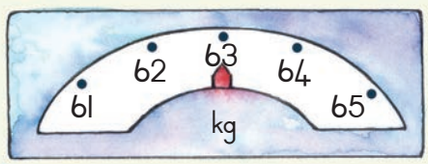
Batla bokete.

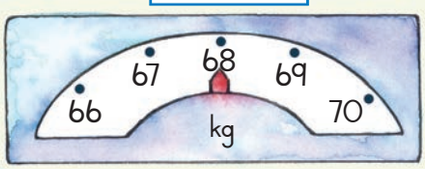
Kwala bokete ka dikilogeramo jo bo bontshiwang mo go sengwe le sengwe sa dikale tsa diporeng.

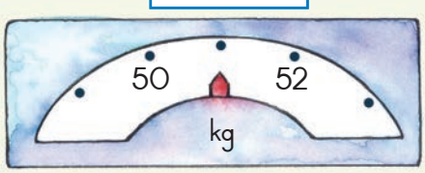












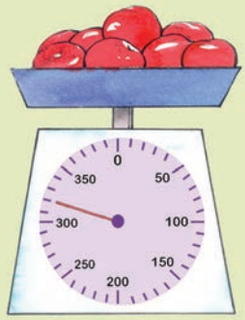
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Re dirisa geramo go lekanya boima jwa dilo tse dinnye kgotsa tse di botlhofo le go lekanya palophatlo ya kilogeramo.

1 000 g = 1 kg

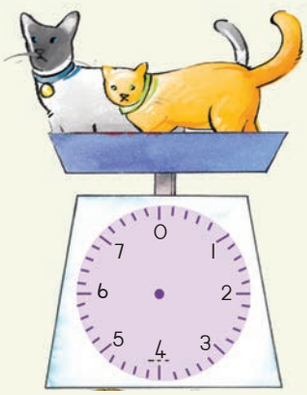
Mola mongwe le mongwe o monnye mo sekaleng sa seporeng, ke digeramo di le 10. Ditamati di kala digeramo di le 320.





Di kala bokae?

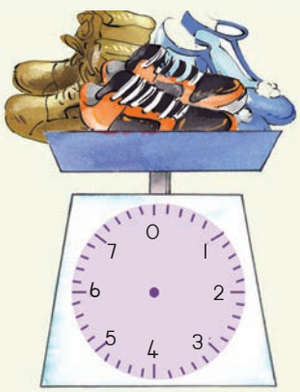
Thala kwa lerumo la sekale le tshwanetseng go ya kwa teng.



7 kg



4 kg



6 kg



Dira kilogeramo.

Tlhakanya le yona go dira 1 kg (1000 g)

a. 125 g + 250 g + 125 g + _____ g = 1 000 g (1 kg)

b. 50 g + 30 g + 240 g + 60 g + 100 g + _____ = 1 kg

c. 57 g + 46 g + 243 g + 334 g = _____ = 1 000 g (1 kg)

d. 50 g + 90 g + 160 g + _____ = 1 000 g (1 kg)

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103

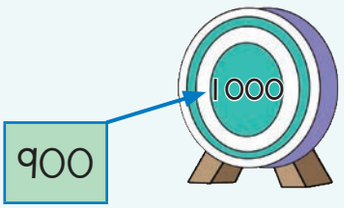
Letlha:

Dipalo 900 go fitlha ka 1 000



Bala mme o kwale!

a. Dirisa tšhate e e latelang go go thusa go bala go tloga ka 900 go fitlha ka 1 000. Buela dipalo kwa godimo fa o ntse o bala.



901		903							910
								919	
		943					948		
981									
991								999	

b. Kwala dipalo tse di tlogetsweng mo keriting e e fa godimo.

c. Kwala dipalo di le 10 tse di tlang morago ga 900.

900; _____; _____; _____; _____; _____; _____; _____; _____; _____; _____

d. Kwala dipalo tse 8 tse di latelang ka dipaterone tsa bo2.

946; 948; 950; _____; _____; _____; _____; _____; _____; _____

e. Kwala dipalo tsotlhe ka dipaterone tsa bo2 go tloga ka 945 go fitlha ka 967.

945; _____; _____; _____; _____; _____; _____; _____; _____; _____; _____; 967

f. Kwala dipalo tse 8 tse di latelang ka dipaterone tsa bo5.

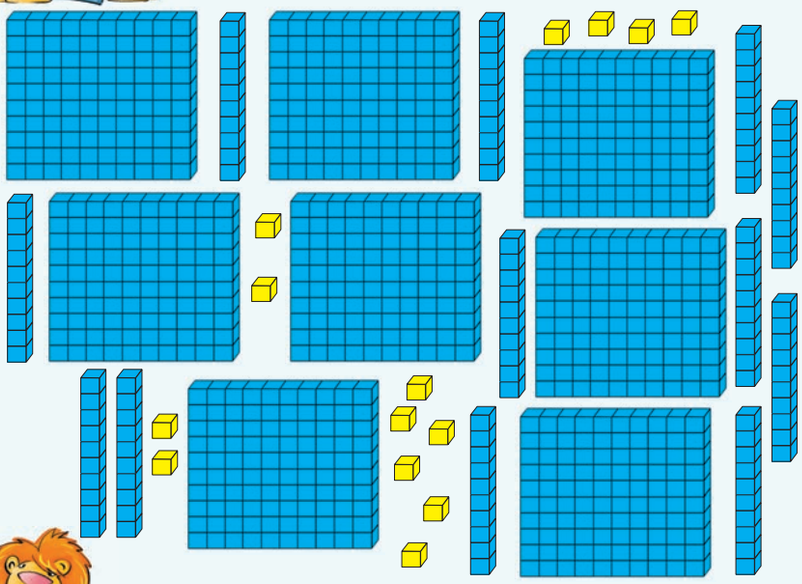
936; 941; 946; _____; _____; _____; _____; _____; _____; _____

1 2 3 4 5 6 7 8 9 10

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2 O bala diboloko di le kae?



O badile diboloko jang?

3 Feleletsa melapalo.

950			953				957	958		
							956	961	966	
					903	906	909			

4 Feleletsa theibole kgotsa lenaneo.

	Kwala go simolola ka e nnye go feta go fitlha ka e kgolo go feta	Kwala go simolola ka e kholo go feta go fitlha ka e nnye go feta
936, 933, 935, 931, 937		
978, 907, 970, 917, 971		

5 Kwala tse di latelang ka mafoko.

695	

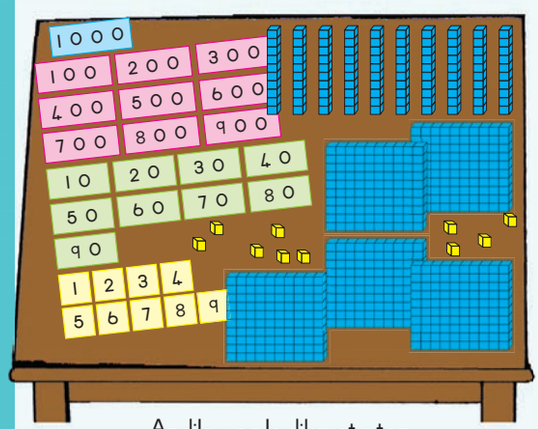
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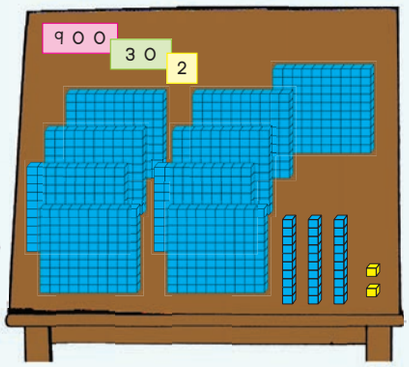
104 Dipalo tse dingwe 900 go fitlha ka 1 000

Letlha: .....

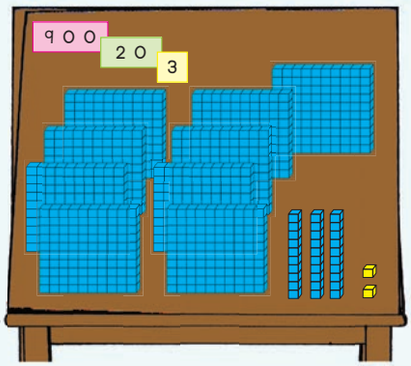


Andile o na le dikarata tsa bolengpalo le diboloko di le lesome.

Morutabana o kopile Andile go bontsha 932 ka dikarata le diboloko tsa gagwe.

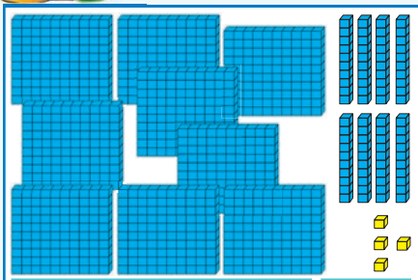
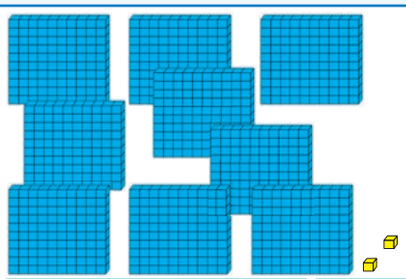
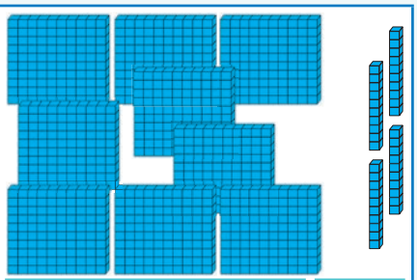


Se ke se Gugu a se bontshitseng. Ke eng se se phoso se a se dirileng?





Kwala polelopalo mme morago o kwale karabo.

		
900 + 80 + 4 = 984		



Kwala polelopalo mme morago o kwale karabo.

900 90 9	900 20	900 8
900 + 90 + 9		
=		

1 2 3 4 5 6 7 8 9 10

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3 Feleletsa molapalo.

989	990	991								999

Naya dinomore tsotlhe tse dinnye mo go 995. _____

Naya dinomore tsotlhe tse dikgolwane mo go 995. _____

4 Tlatsa ka <, > kgotsa =

a. 999 _____ 998 b. 957 _____ 975

c. 900 + 60 + 1 _____ 961

5 Kgaoganya palo ya gago.

a. Bopa palo nngwe le nngwe ka dikarata tsa gago.

b. Kwala bolengpalo jwa mono mongwe le mongwe. Jaanong dira se: Kgaoganya palo ya gago.

922	
959	
980	
907	
931	

Sekao: 984

900

80

4

984 | 900 + 80 + 4

6 Kwala maina a dipalo.

976	
905	
950	
821	
909	

Teacher:

Sign:

Date:

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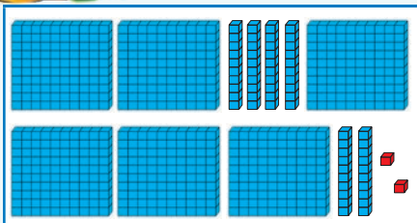
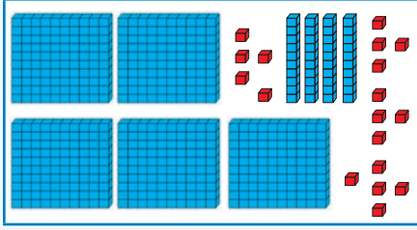
105

Letlha: .....

Go tlhakanya le go ntsha go 999



Kwala polelopalo ya nngwe le nngwe.

	Tlhalosa gore o badile diboloko tsa gago jang? _____
	Tlhalosa gore o badile diboloko tsa gago jang? _____



Dirisa sekao go go sedimosetsa.

5 0 | 5 0 | 50 gabedi ke 100	3 0 0 | 3 0 0 |
2 0 0 | 2 0 0 |	3 | 3 |



Dirisa sebedi se se gaufi go rarabolola tse di latelang. Dirisa sekao go go sedimosetsa.

a. 43 + 44 =	oketsa 43 + 1	43 + 43 + 1 = 87
b. 81 + 41 =		
c. 40 + 41 =		
d. 66 + 67 =		

1 2 3 4 5 6 7 8 9 10

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4 Dirisa sebedi se se gaufi go rarabolola tse di latelang.
Dirisa sekao go go sedimosetsa.

a. Oketsa 340 gabedi
= 340 + 340
= Oketsa 340 gabedi
= 300 + 300 + 40 + 40
= 600 + 80
= 680

b. 340 + 341
= Oketsa 340 + 1
= 300 + 300 + 40 + 40 + 1
= 600 + 80 + 1
= 681

c. 470 + 470

d. 461 + 462

5 Rarabolola tse di latelang:



Barutwana ba Kereite ya 2 ba kgobokantse dimmabole di le 360.

Barutwana ba Kereite ya 3 ba na le dimmabole tse 216 kwa tlase ga tsa ba Kereite 2.

Barutwana ba Kereite ya 3 ba na le dimmabole di le kae?

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Letlha:

Ka ga ntlo



Letsatsi la go baka.

Rakgadi Phindi o baka borotho ka ovene ya gagwe.

Bontsha dinako mo ditshupanakong tse.

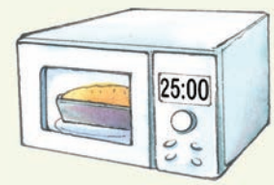


O tsentse borotho ka fa gare ka kotara morago ga ura ya 4.

O ntsha borotho ka metsotso e metlhano morago ga ura ya botlhano.

Borotho bo tsere nako e e kanakang go butswa? _____

Mmaagwe Ann o dirisa maekeroweife. O direla ka bonako.



Ke 16:30 jaanong. Lebelela.

Borotho bo tlaa siama leng? _____

Maekeroweife o bonako jo bo kanakang go na le diovene tse dingwe? _____ metsotso.



Ditiro tsa mo mosong.





Musa le Palesa ba thusa mmaabona mo mosong wa Lamatlhatso. Tiro nngwe le nngwe e tsere nako e e kanakang?

	Simolola	Khutla	Ke nako e kae?
Go dira difitlholo	6:15	6:40	
Go tlhatswa dijana	7:20	8:05	
Go phepafatsa khitšhi	8:20	9:15	
Go phepafatsa phaposi ya go tlhapela	10:00	10:25	
Go phepafatsa phaposi ya borobalo	11:30	12:15	

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3 Go nosetsa tshingwana.



Lethompo la metsi le ka dirisa metsi a a kana ka dilitara di le 30 ka motsotso o le 1. Ke dilitara tse kae tse lethompo la metsi le ka a dirisang ka:

metsotso e le 2 _____ litara.

metsotso e le $2\frac{1}{2}$ _____ litara

metsotso e le 5 _____ litara

metsotso e le 10 _____ litara.

4 Go apaya kheri.

Rraagwe Babu o apaya le go rekisa setšhuu. O dirisa 750 ml ya oli ka beke.

Letsatsi le letsatsi o kwala gore o dirisitse oli e e kanakang.

Mosupologo	Labobedi	Laboraro	Laborne	Labotlhano	Lamatlhatso	Latshipi
98 ml	122 ml	108 ml	117 ml	109 ml	135 ml	?

a. O dirisa dimililitara tsa oli di le kae go tloga ka Mosupologo go fitlha ka Lamatlhatso?
_____ ml

b. O dirisa dimililitara tsa oli di le kae ka Latshipi? _____ ml

c. Lebotlolo la dimililitara di le 750 tsa oli le ja R18,50.
Mabotlolo a le 4 a ja bokae? _____.

Tlhotlhomisa!
Bapisa!
Nepagetse!



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107 Go dira ka madi

Letlha: .....



Bala dikhoene le madi a pampiri.

10 ×  = R1	20 ×  = R_____	50 ×  = R_____
10 ×  = R_____	20 ×  = R_____	50 ×  = R_____
10 ×  = R_____	20 ×  = R_____	50 ×  = R_____
10 ×  = R_____	20 ×  = R_____	50 ×  = R_____
10 ×  = R_____	20 ×  = R_____	50 ×  = R_____

100 ×  = R_____	100 ×  = R_____	100 ×  = R_____
100 ×  = R_____	100 ×  = R_____	



Loeto lwa terena.

Kgethi le bana ba gagwe ba le 3 ba tsamaya ka terena.
Bagolo le bana ba duela go tshwana
Kgethi o duetse ka madi a.







O amogetse tšhentšhi ya R30. Tlhotlhwa ya thekethe e le 1 ke bokae?
Tshwaya karabo e e nepagetseng:

a. R90 _____ b. R32 _____ c. R80 _____ d. R45,50 _____

Tlhotlhomisa!
Bapisa!
Nepagetse!

1 2 3 4 5 6 7 8 9 10

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Sephaza sa ga Sandile.

Sandile o tshola direkoto tsa lotseno lwa gagwe ka theibole.
O simolola ka go phopholetsa, mme o balela lotseno lwa gagwe lwa letsatsi.
Thusa Sandile go feleletsa palelo ya gagwe:

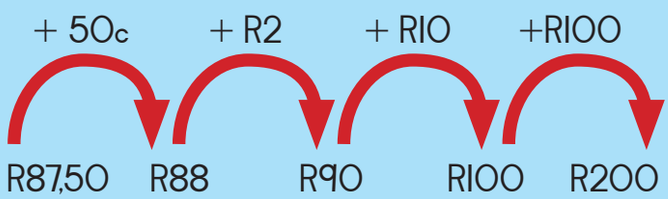
		Phopholetso	Palogotlhe
Mosupologo	R50 + R75 + R200 + R350 + R25		
Labobedi	R25 + RI75 + R50 + R320 + R90		
Laboraro	R50 + R75 + R200 + R350 + R25		
Labone	RI20 + R55 + RI80 + R245 + R25		
Labotlhano	R60 + RI50 + RI40 + R200 + RI25		
Lamatlhatso	R50 + R75 + R200 + R350 + R25		
Latshipi			

Rarabolola go bona tšhentšhi.

Go batla tšhentšhi ya gago, o ka tlhakanyetsa mo tlhotlhweng ya dilo go madi a o a duetseng ka pampiri a o faneng ka ona.

Sekao:

Palesa o reka dijo tsa R87,50
O duela ka R200 ya pampiri.
Tšhentšhi ya gagwe ke bokae?



50c + R2 + RIO + RIOO = RII2,50 tšhentšhi

Dirisa molapalo go go thusa go rarabolola tšhentšhi.

Tlhotlhwa: R229,40
Duela ka:



Tlhotlhwa: R305,60
Duela ka:



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Letlha:

Go tlhakanya le go ntsha go fitlha go 999 go gongwe



A re rarabololeng bothata.

Gomolemo o kgobokantse ditikara di le 234.
Mandla o mo file ditikara tse dingwe di le 501.
O na le ditikara di le kae jaanong?

Potso ke eng?
O na le ditikara di le kae jaanong?

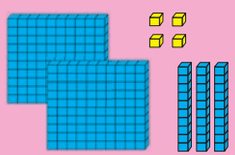
Mafoko kgotsa lefoko le le kaelang ke lefe? Tse dingwe

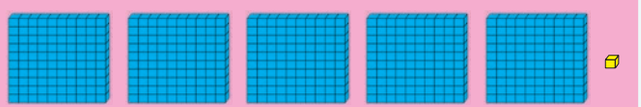
Dipalo ke tse dife? 234 le 501

A re bontsheng se ka diboloko tsa rona tsa beisethene.



Se ke se Lisa a se direleng go rarabolola bothata jwa ga Gomolemo.







Se ke se Aakar a se direleng.
O dirile sethalo.





Go baya diboloko tsa beisethene ga ga Lisa go tshwana jang le sethalo sa ga Aakar?

Dirisa palo e e mo bothateng go e rarabolola fa tlase ka go dirisa mekgwa e mebedi e o e ithutileng go fitlha fa.

Mokgwa 1	Mokgwa 2

1 2 3 4 5 6 7 8 9 10

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2 Ditiro tsa mo mosong.

Thembi o kgobokanyetsa sekolo dilwana tsa porojeke ya tirisopoelela (go resaekela) kana go dirisiwa sešwa. O kgobokantse mabotlolo a polasetiki a le 624 le dithini tsa dikhene (meteme) di le 268. O kgobokantse dilwana di le kae?

Potso ke eng? _____

Dipalo ke dife?	Lefoko le le kaelang ke lefe? Tshwaya karabo e e nepagetseng. Lefoko le le kaelang le re raya le re re: Tlhakanye ☐ Ntshe ☐
Dira sethalo.	Dirisa mokgwa wa gago go rarabolola bothata

Lebenkele le ne le na le dipakete di le 900 tsa sukiri. Morago ga go rekisa dipakete tse dingwe, go ne ga sala dipakete tsa sukiri di le 659. Go rekisitswe dipakete di le kae?

Potso ke eng? _____

Dipalo ke dife?	Lefoko le le kaelang ke lefe? Tshwaya karabo e e nepagetseng. Lefoko le le kaelang le re raya le re re: Tlhakanye ☐ Ntshe ☐
Dira sethalo.	Dirisa mokgwa wa gago go rarabolola bothata

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Letlha: .....

Go tlhakanya le go ntsha go fitlha 999 gape

Lebelela dibopego mme o di tlhalose.





Feleletsa tse di latelang:

a. 223 + 223 = _____.	e. 117 + 117 = _____.
b. 160 + 160 = _____.	f. 450 + 450 = _____.
c. 115 + 115 = _____.	g. 112 + _____ = 224.
d. 315 + 315 = _____.	h. 116 + _____ = 232.

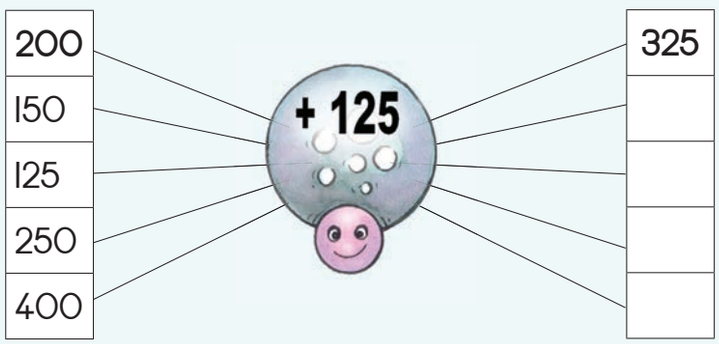


Kwala dipalo.

a. 12 go feta 523 ke _____.	e. 537 kwa tlase ka 29 ke _____.
b. 15 kwa tlase ga 540 ke _____.	f. Halofo ya 300 ke _____.
c. 20 go feta 576 ke _____.	g. Oketsa 420 gabedi ke _____.
d. 60 kwa tlase ga 590 ke _____.	h. Halofo ya 600 ke _____.



Tlhakanya 125.



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4 Ke eng se se dirang 1 000?

a.	200 + 150 +50 + ☐ = 1 000	e.	25 + ☐ + 900 = 1 000
b.	1 000 = 560 + ☐ + 400	f.	☐ + 700 + 50 = 1 000
c.	670 + ☐ = 1 000	g.	1 000 = 420 + ☐ + 500
d.	910 + 40 + ☐ = 1 000	h.	☐ + 30 + 900 = 1 000

Batla + le – tsa dipalo tse di tshwanang.



Sekao: 125 + 600 = 725 725 – 125 = 600 725 – 600 = 125

123 + 77 = ☐	☐ – 77 = 123	☐ – 123 = 77
650 + ☐ = 800	800 – 650 = ☐	☐ + 650 = 800
1 000 – 250 = ☐	1 000 – ☐ = 250	250 + ☐ = 1 000
56 + ☐ = 300	300 – ☐ = 56	☐ + 56 = ☐
820 + ☐ = 1 000	1 000 – ☐ = 820	1 000 – 820 = ☐

Tlhotlhomisa!
Bapisa!
Nepagetse!

Tlhakanya mme o ntshe masome le makgolo.



a. Masome le makgolo

78 + 10 =	149 + 10 =	456 + 100 =	987 + 10 =
636 + 100 =	801 + 100 =	727 + 100 =	612 + 10 =
456 – 10 =	749 – 100 =	829 – 100 =	987 – 10 =
875 + 10 =	709 – 100 =	815 + 10 =	903 – 100 =

b. Masome a a tletseng (katiso ya 10)

150 – 30 =	190 – 60 =	175 – 50 =	990 – 80 =
210 + 90 =	335 + 60 =	660 + 50 =	812 + 60 =
256 – 50 =	320 – 30 =	785 – 60 =	999 – 90 =
567 + 37 =	671 + 90 =	832 + 80 =	928 + 80 =

Rarabolola tse di latelang:

925 + 53 = ☐ 571 + 202 = ☐ 786 + 75 = ☐ 903 + 95 = ☐



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Letlha:

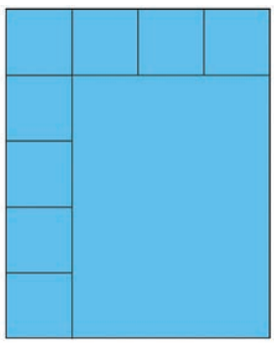
Tekanyo le diphazele kana maleane



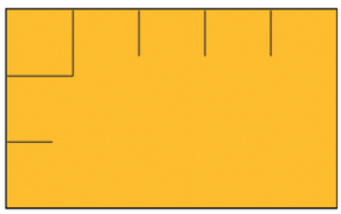
Batla boalo.

O tlhoka dikwere  di le kae go tswalela sebopego sengwe le sengwe gotlhelele? Dirisa mokgwa wa gago go e rarabolola. O ka nna wa thala dikwere mo ditshwantshong go go thusa go e rarabolola.

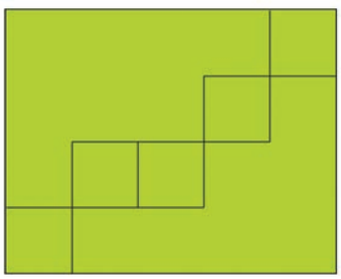
a.



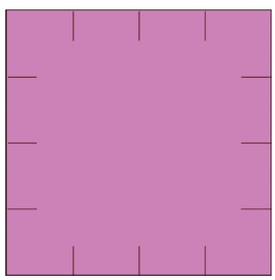
b.



c.

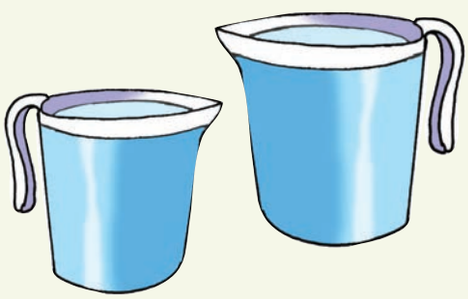


d.





Rarabolola thamalakwane.



O batla go lekanya dilitara di le 4 tsa metsi ka nepo.

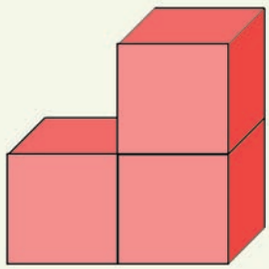
O na le diduti di le pedi fela: Se le sengwe se duta dilitara di le 3 mme se sengwe dilitara di le 5. O itse jang se?

Thuso: go na le ditsela tse pedi tse o ka di dirisang.

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O bona eng?

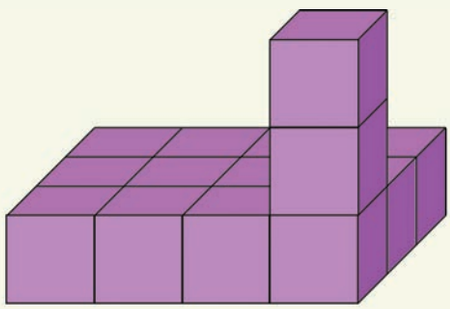


Diboloko tse tharo di kgomareditswe mmogo jaaka mo setshwantshong se.

Fa o tsaya diboloko tse di tshwaraganeng mmogo, o bala dikwere tse kae ka fa ntle?

_____

Bala dikhube.



Sebopego se se dirwa ke dikhube di le kae?

_____

Kgwetlho: thamalakwane ya nako.

Tlhotlhomisa!
Bapisa!
Nepagetse!

O na le dibalanako di le pedi.

Tekanyo ya e le nngwe ke metsotso e le 7 mme tse dingwe di lekana le metsotso e le 11 mo tlhogong.

O ka dirisa jang dibalanako tse go rarabolola gore metsotso e le 15 e fetile leng?

_____

_____

_____

Teacher:
Sign:
Date:

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Letlha: .....

Dipaterone tsa dipalo
Masome go fitlha ka 900

A re baleng ka masome go tloga ka 810 go fitlha ka 900.

801	802	803	804	805	806	807	808	809	810
811	812	813	814	815	816	817	818	819	820
821	822	823	824	825	826	827	828	829	830
831	832	833	834	835	836	837	838	839	840
841	842	843	844	845	846	847	848	849	850
851	852	853	854	855	856	857	858	859	860
861	862	863	864	865	866	867	868	869	870
871	872	873	874	875	876	877	878	879	880
881	882	883	884	885	886	887	888	889	890
891	892	893	894	895	896	897	898	899	900



Dipalo tse di sekeleditsweng di re bontsha paterone efe?

E sekeleditswe ka bohibidu: Balela ka _____.	Kwala paterone: _____
E sekeleditswe ka botala: Balela ka _____.	Kwala paterone: _____



Balela.

a. 874 + 10 + 10 + 10 = _____	b. 858 – 10 – 10 – 10 – 10= _____
c. 845 + 10 + 10 = _____	d. 858 – 10 – 10 – 10 = _____
e. 836 + 10 = _____	f. 866 – 10 – 10 = _____
g. 892 + 10 + 10 + 10 = _____	h. 87 – 10 – 10 – 10 = _____
i. 880 + 10 + 10 = _____	j. 855 – 10 = _____

1 2 3 4 5 6 7 8 9 10

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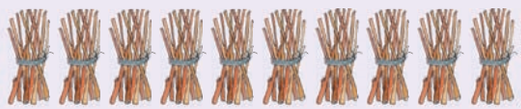


3 Ke dikotana di le kae?

Go na le dikotana  di le lesome mo ngataneng  .

1	= _____	dikotana	10	= _____	dikotana
2	= _____	dikotana	20	= _____	dikotana
3	= _____	dikotana	30	= _____	dikotana
4	= _____	dikotana	40	= _____	dikotana
5	= _____	dikotana	50	= _____	dikotana
6	= _____	dikotana	60	= _____	dikotana
7	= _____	dikotana	70	= _____	dikotana
8	= _____	dikotana	80	= _____	dikotana
9	= _____	dikotana	90	= _____	dikotana
10	= _____	dikotana	100	= _____	dikotana

4 Mola wa dikotana.



Go na le dingatana tsa dikotana di le lesome mo moleng = 100 dikotana

Mola o le 1 wa dingatana 10 = 100 dikotana

Mela e le 2 ya dingatana 10 = _____ dikotana

Mela e le 4 ya dingatana 10 = _____ dikotana

Mela e le 10 ya dingatana 10 = _____ dikotana

$10 \times 10 = 100$

$20 \times 10 =$ _____

$40 \times 10 =$ _____

$100 \times 10 =$ _____

5 Ke dingatana di le kae?

Dikotana di le 700 di dira dingatana di le _____.

Dikotana di le 900 di dira dingatana di le _____.

Dikotana di le 1 000 di dira dingatana di le _____.



Teacher:
Sign:
Date:

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Letlha:

Golokeletsa go 10 le le gaufi

Re ithutile go golokeletsa mo papetlatirong e e fetileng. Lebelela molapalo o mme o tlhalosetse tsala ya gago gore o ka golokeletsa go lesome jang.





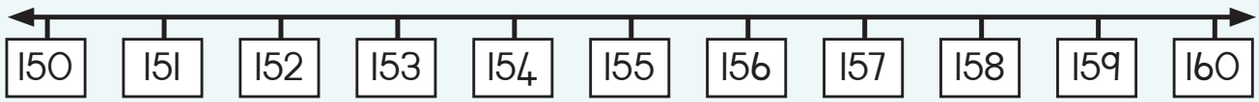


Golokeletsa go lesome.

114 fa o e golokeletsa ke? _____ 117 fa o e golokeletsa ke? _____



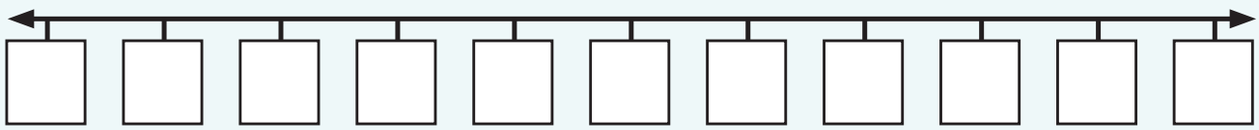
159 fa o e golokeletsa ke? _____ 151 fa o e golokeletsa ke? _____



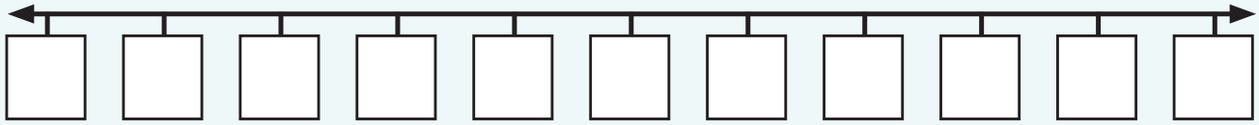


Golokeletsa go lesome.
Thala molapalo wa gago.

195

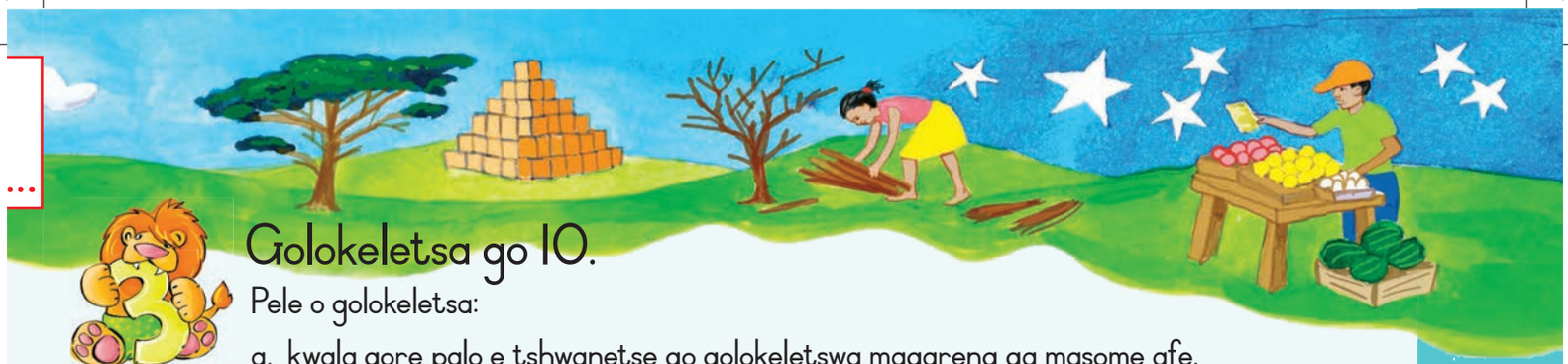


945



1 2 3 4 5 6 7 8 9 10

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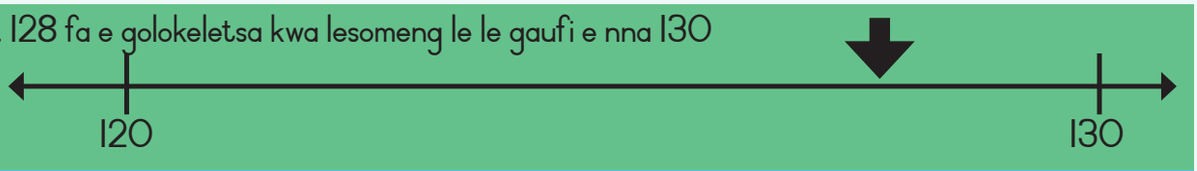
Golokeletsa go 10.

Pele o golokeletsa:

a. kwala gore palo e tshwanetse go golokeletswa magareng ga masome afe.

b. bontsha ka motsu gore palo e e ka golokeletswa fa kae mo molapalong.

a. 128 fa e golokeletsa kwa lesomeng le le gaufi e nna 130



b. 877



c. 901



d. 566



e. 999



Golokeletsa dipalo tse di latelang kwa lesomeng le le gaufi.

a. 161 ☐ b. 583 ☐ c. 415 ☐ d. 848 ☐ e. 612 ☐

f. 230 ☐ g. 327 ☐ h. 989 ☐ i. 534 ☐ j. 748 ☐

Ke tlhoka dipampiritšhelete tsa RIO di le kae?

Mbali le ditsala tsa gagwe di le 8 di ya kwa boitumedisong jwa sekolo. Letsatsi la boitumediso le ja R4 motho mongwe le mongwe. Mbali o bolokile madi mme a ithaopa go duelela ditsala tsa gagwe. O ne a ya kwa bankeng ya lebota (ATM) go ntsha madi. Banka ya lebota (ATM) e ntsha dipampiritšhelete fela. O tlhoka dipampiritšhelete tsa RIO di le kae? ☐

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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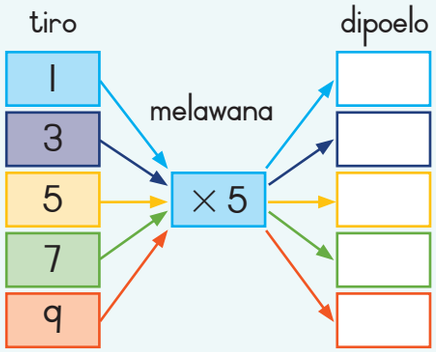
113

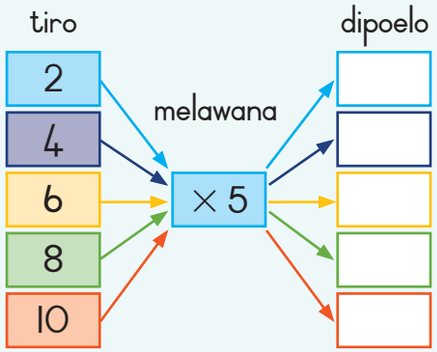
Letlha: .....

Katiso le karolo: tlhano go fitlha ka 100

Feleletsa setshwantsho se se elelang.









Feleletsa theibole kana lenaneo le le latelang:

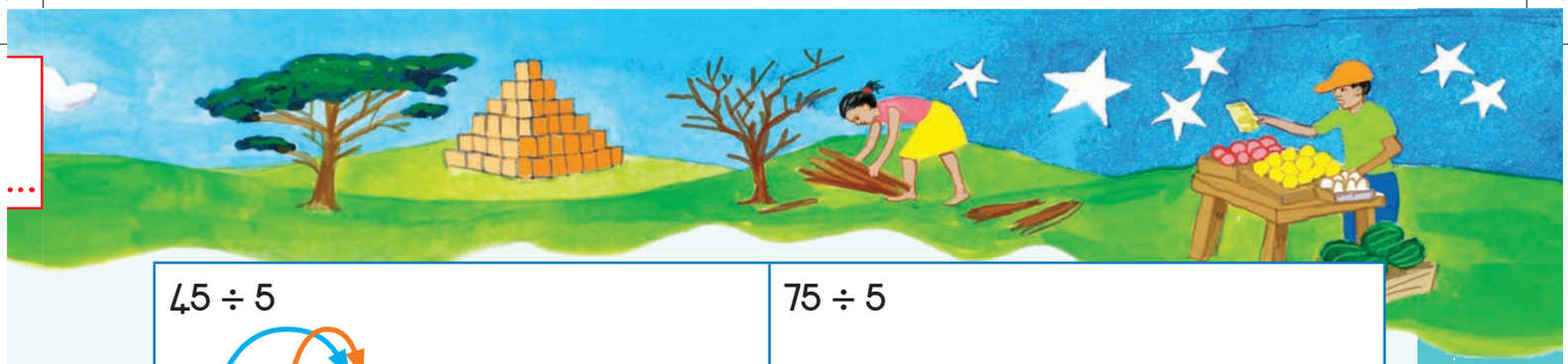
×	1	2	3	4	5	6	7	8	9	10
5										



Balela:

12 × 5 = (10 + 2) × 5 = 50 + 10 = 60	11 × 5
13 × 5 = (10 + 3) × 5 = 50 + 15 = 50 + 10 + 5 = 65	13 × 5

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45 ÷ 5 = (40 + 5) ÷ 5 = (45 ÷ 5) + (5 ÷ 5) = 8 + 1 = 9	75 ÷ 5
48 ÷ 5 = (40 + 8) ÷ 5 = (40 ÷ 5) + (8 ÷ 5) = 8 + 1 tshalelo 3 = 9 tshalelo 3	13 ÷ 5

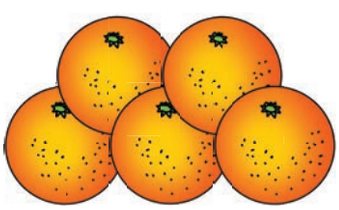
Rarabolola mathata a a latelang:



Tshingwana ya merogo e na le mela e le 14 ya dijwalo.
Mola mongwe le mongwe o na le palo ya dijwalo e e lekanang
Fa go na le palogotlhe ya dijwalo di le 70, go na le dijwalo di le kae mo moleng o le mongwe?



David o rekisa dikgetse tsa dinamune, kgetse e na le dinamune di le 5.
O na le dinamune di le 85.
A ka tlatsa dikgetse di le kae?



Teacher:
Sign:
Date:

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114

Letlha: .....

Dipaterone tsa dipalo: botlhano go fitlha ka 1 000

A re baleleng ka botlhano go simolola ka 805 go fitlha ka 900.

801	802	803	804	805	806	807	808	809	810
811	812	813	814	815	816	817	818	819	820
821	822	823	824	825	826	827	828	829	830
831	832	833	834	835	836	837	838	839	840
841	842	843	844	845	846	847	848	849	850
851	852	853	854	855	856	857	858	859	860
861	862	863	864	865	866	867	868	869	870
871	872	873	874	875	876	877	878	879	880
881	882	883	884	885	886	887	888	889	890
891	892	893	894	895	896	897	898	899	900



Dipalo tse di sekeleditsweng di re bontsha paterone efe?

Sekeleditswe ka botala jwa legodimo:	Go balela _____.
Kwala paterone:	
Sekeleditswe ka bophepole:	Go balela _____.
Kwala paterone:	



Balela.

a. 875 + 5 + 5 + 5 = ____	b. 850 − 5 − 5 − 5 = ____	c. 845 + 5 + 5 = ____
d. 830 − 5 − 5 − 5 = ____	e. 886 + 5 = ____	f. 846 − 5 − 5 = ____
g. 802 + 5 + 5 + 5 = ____	h. 801 − 5 = ____	i. 853 − 5 − 5 − 5 = ____

1 2 3 4 5 6 7 8 9 10

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Boto ya dipalo 901 go fitlha 1 000.

901		903	904	905	906		908	909	910
911		913	914	915	916		918	919	920
921		923	924	925	926		928	929	930
931		933	934	935	936		938	939	940
941		943	944	945	946		948	949	950
951		953	954	955	956		958	959	960
961		963	964	965	966		968	969	990
971		973	974	975	976		978	979	990
981		983	984	985	986		988	989	990
991		993	994	995	996		998	999	1 000



Tlatsa dipalo tse di tlogetsweng.

Ke pharologano efe magareng ga dipalo tse ditala le tse diphephole mo moleng o le osi?



Feleletsa dipaterone.

A o lemoga dipaterone?	Di tlhalose.
963, 968, 973, 978, 983, _____	
944, 949, 954, 959, 964, _____	
921, 926, 931, 936, 941, _____	
956, 951, 946, 941, 936, _____	
982, 987, 992, 997, _____	
927, 922, 917, 912, 907, _____	

Teacher:
Sign:
Date:

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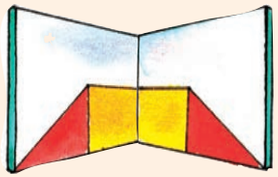
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Letlha:

Ka ga tekatekano



Piki, Piki.



Tshamekang ka bobedi lo dirisa dingwe tsa disete tsa diphazele (maleane) (ka manathwana a le 14) go tswa mo go Mosego 10.

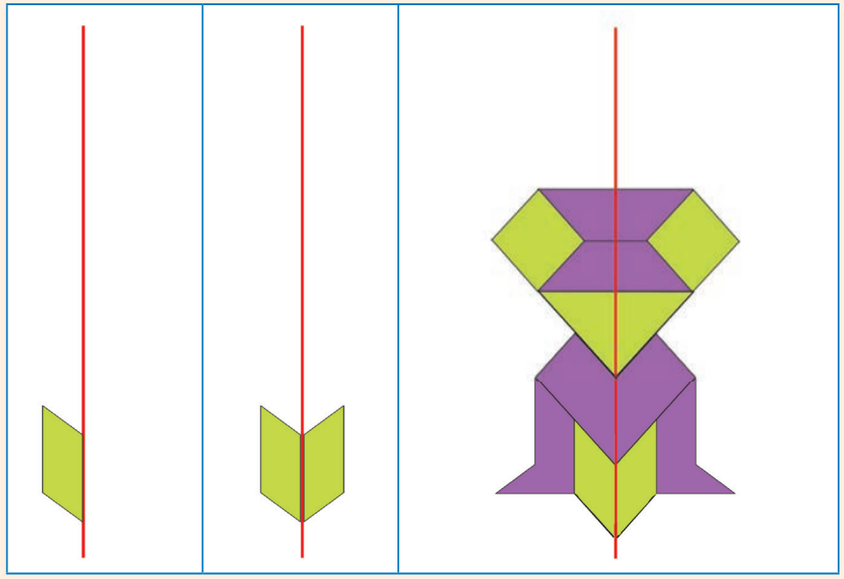
Motshameki mongwe le mongwe o tshotse seripa sa manathwana (manthwana a le 7) a dibopego tsa diphazele (maleane). Manathwana ga a a tshwanela go tshwana.

Thala mola fa gare ga pampiri. E tlaa nna mola wa seipone.

Motshameki wa ntlha o tlaa baya lenathwana gaufi le mola.

Motshameki wa bobedi o tlaa baya seipone sa gagwe ka fa letlhakoreng lengwe la mola.
Se tshwanetse go kgoma mola kgotsa dibopego tse di setseng di beilwe.

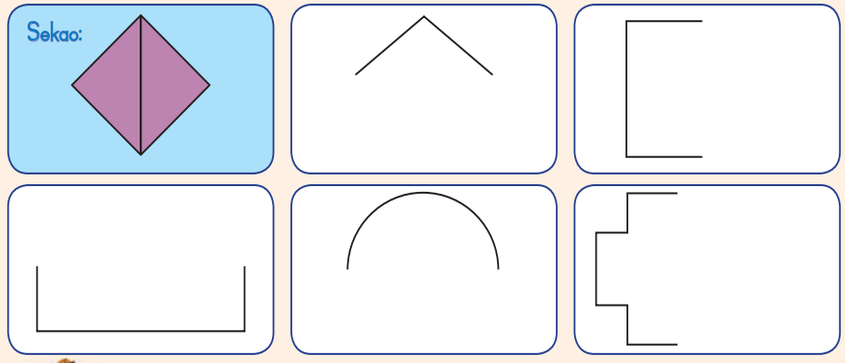
Tswelela go fitlha manathwana otlhe a fela.





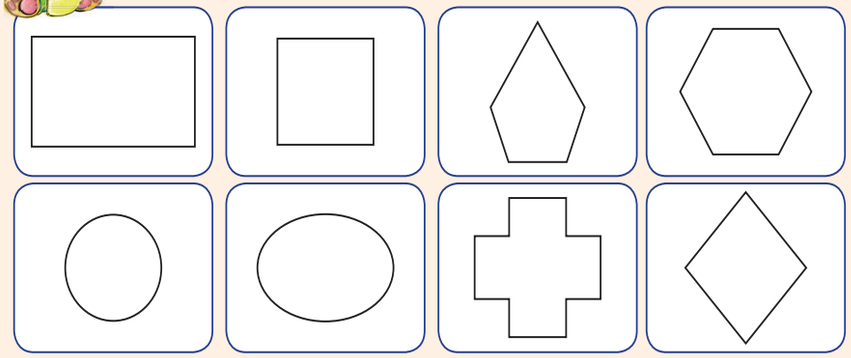
Thala letlhakore le lengwe la sebopego.

Mme o bontshe mola wa tekatekano.



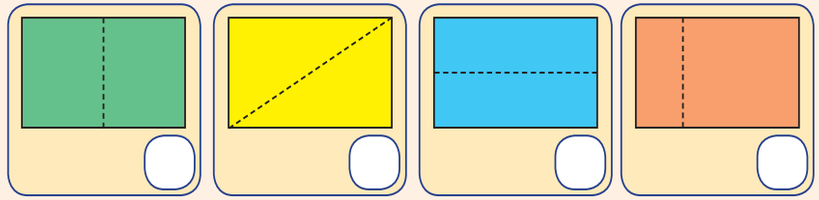


Thala mela ya tekatekano mo go tse di latelang:





Tshwaya dibopego tse di nang le mela e e nepagetseng ya tekatekano.





Teacher:
Sign:
Date:

116

Letlha: .....

Dipaterone tsa dipalo: bopedi go fitlha ka 900

A re baleleng ka botlhano go tloga ka 802 go fitlha ka 900.

801	802	803	804	805	806	807	808	809	810
811	812	813	814	815	816	817	818	819	820
821	822	823	824	825	826	827	828	829	830
831	832	833	834	835	836	837	838	839	840
841	842	843	844	845	846	847	848	849	850
851	852	853	854	855	856	857	858	859	860
861	862	863	864	865	866	867	868	869	870
871	872	873	874	875	876	877	878	879	880
881	882	883	884	885	886	887	888	889	890
891	892	893	894	895	896	897	898	899	900

Dipalo tse di sekeleditsweng di re bontsha paterone efe?

Sekeleditswe ka botala jwa legodimo:	Go balela _____.
Kwala paterone:	
Sekeleditswe ka botala:	Go balela _____.
Kwala paterone:	

Balela.

a. 872 + 2 + 2 + 2 = ____	b. 820 − 2 − 2 − 2 = ____	c. 844 + 2 + 2 = ____
d. 832 − 2 − 2 − 2 − 2 = ____	e. 883 + 2 = ____	f. 842 − 2 − 2 = ____
g. 801 + 2 + 2 + 2 + 2 = ____	h. 815 − 2 = ____	i. 846 − 2 − 2 − 2 = ____

Dipalomafeta le dipalomaleka.

a. Thala (✗) fa thoko ga dipalomafeta le (✓) fa thoko ga dipalomaleka

914	923	916	907	929	912	911	915	
908	917	925	931	930	910	909	922	933

b. Araba ka "palomafeta" kgotsa "palomaleka"

Tlhakanya dipalomafeta tse pedi. O bona palo _____.

Tlhakanya dipalomaleka tse pedi. O bona palo _____.

O tlhakanya dipalomafeta tse tharo. O bona palo _____.

Go jwala ditlhare.

E ke tsela nngwe ya go jwala ditlhare di le 48 mo meleng e e lekanang.

Re ka kwala: 2 × 24 = 48 (2 mela ya ditlhare di le 24 = 48) kgotsa
48 ÷ 2 = 24 (ditlhare di le 48 mo meleng e e lekanang di go naya ditlhare di le 24 mo moleng).
Bala mela le ditlhare mo setshwantshong sengwe le sengwe fa tlase.
Kwala × le ÷ polelopalo e e nyalanang.

a. _____ × _____ = _____ ÷ _____ =	
b. _____ × _____ = _____ ÷ _____ =	
c. _____ × _____ = _____ ÷ _____ =	
d. Batla tsela nngwe ya go jwala ditlhare di le 48 mo meleng. _____ × _____ = _____ ÷ _____ =	e. Batla tsela nngwe ya go jwala ditlhare di le 48 mo meleng. _____ × _____ = _____ ÷ _____ =

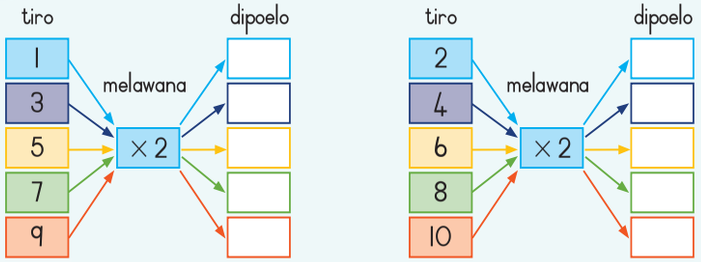
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Letlha:

Katiso le karolo:
bopedi go fitlha ka 100

Feleletsa setshwantsho se se elelang.



Feleletsa theibole kana lenaneo le le latelang:

×	1	2	3	4	5	6	7	8	9	10
2										

Balela:

12 × 2 = (10 + 2) × 2 = 20 + 4 = 24	11 × 2
18 × 2 = (10 + 8) × 2 = 20 + 16 = 20 + 10 + 6 = 36	22 × 2

46 ÷ 2 = (40 + 6) ÷ 2 = (40 ÷ 2) + (6 ÷ 2) = 20 + 3 = 23	74 ÷ 2
47 ÷ 2 = (40 + 7) ÷ 2 = (40 ÷ 2) + (7 ÷ 2) = 20 + 3 tshalelo 1 = 23 tshalelo 1	75 ÷ 2

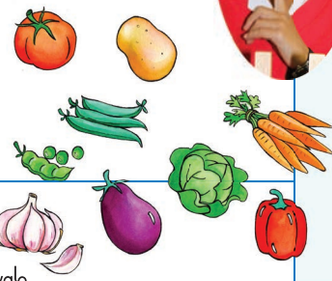
Rarabolola dipalo tse di latelang:



Tshingwana ya merogo e na le mela e le 32 ya dijwalo.

Mola mongwe le mongwe o na le dijwalo di le 2.

Go na le dijwalo di le kae mo tshingwaneng?



Tshingwana ya merogo e na le mela e le 40 ya dijwalo.

Mola mongwe le mongwe o na le palo e e lekanang ya dijwalo.

Fa palogotlhe ya dijwalo e le 80, go na le dijwalo di le kae mo moleng o le mongwe?

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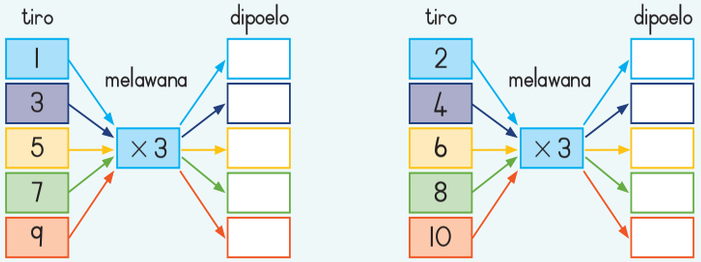
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Letlha: .....

Katiso le karolo: botharo go fitlha ka 100

1 Feleletsa setshwantsho se se elelang.



2 Feleletsa theibole kana lenaneo le le latelang:

×	1	2	3	4	5	6	7	8	9	10
3										

3 Balela:

12 × 3 = (10 + 2) × 3 = 30 + 6 = 36	11 × 3
17 × 3 = (10 + 7) × 3 = 30 + 21 = 30 + 20 + 1 = 51	19 × 3

63 ÷ 3 = (60 + 3) ÷ 3 = (60 ÷ 3) + (3 ÷ 3) = 20 + 1 = 21	96 ÷ 3
65 ÷ 3 = (60 + 5) ÷ 3 = (60 ÷ 3) + (5 ÷ 3) = 20 + 1 tshalelo 2 = 21 tshalelo 2	98 ÷ 3

4 Rarabolola dipalo tse di latelang:



Marlene o na le dimonamone di le 30.

Di lekana le tsa ga Jacob galesome.

Jacob o na le dimonamone di le kae?



Tshingwana ya merogo e na le mela e le 29 ya dijwalo.

Mola mongwe le mongwe o na le dijwalo di le 3.

Go na le dijwalo di le kae mo tshingwaneng?



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Date:

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Letlha: .....

Dipaterone tsa dipalo: botharo go fitlha ka 1 000

A re baleng ka botharo go simolola ka 803 go fitlha ka 899.

801	802	803	804	805	806	807	808	809	810
811	812	813	814	815	816	817	818	819	820
821	822	823	824	825	826	827	828	829	830
831	832	833	834	835	836	837	838	839	840
841	842	843	844	845	846	847	848	849	850
851	852	853	854	855	856	857	858	859	860
861	862	863	864	865	866	867	868	869	870
871	872	873	874	875	876	877	878	879	880
881	882	883	884	885	886	887	888	889	890
891	892	893	894	895	896	897	898	899	900

Dipalo tse di sekeleditsweng di re bontsha paterone efe?

Sekeleditswe ka mmala wa namune:	Go balela _____.
Kwala paterone:	
Sekeleditswe ka botala:	Go balela _____.
Kwala paterone:	

Balela.

a. 873 + 3 + 3 + 3 = ____	b. 824 − 3 − 3 − 3 = ____	c. 841 + 3 + 3 = ____
d. 837 − 3 − 3 − 3 − 3 = ____	e. 889 + 3 = ____	f. 846 − 3 − 3 = ____
g. 802 + 3 + 3 + 2 = ____	h. 819 − 3 = ____	i. 880 − 3 − 3 − 3 = ____

Boto ya dipalo 901 go fitlha ka 1 000.

901		903	904		906	907		909	910
	912	913		915	916		918	919	
921	922		924	925		927	928		930
931		933	934		936	937		939	940
	942	943		945	946		948	949	
951	952		954	955		957	958		960
961		963	964		966	967		969	990
	972	973		975	976		978	979	
981	982		984	985		987	988		990
991		993	994		996	997		999	1 000

Tlatsa dipalo tse di tlogetsweng.

Khalara dipalo tse di tlogetsweng mo dibolokong ka botala. Khalara diboloko tse ditshweu tse di nang le dipalo mo go tsona ka bohibidu. O bona dipaterone dife?

Feleletsa dipaterone.

a. Tlhakanya bo 4 ba bararo le 981.	984, 987, 990, 993
b. Tlhakanya bo 5 ba bararo le 973.	_____
c. Ntsha bo 4 ba bararo mo go 975.	_____
d. Ntsha bo 3 ba bararo mo go 947.	_____
e. Tlhakanya bo 2 ba bararo le 932.	_____

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Letlha: .....

Katiso le karolo: bonne go fitlha ka 100

1 Feleletsa setshwantsho se se elelang.



2 Feleletsa theibole kana lenaneo le le latelang:

×	1	2	3	4	5	6	7	8	9	10
4										

3 Balela:

12 × 4 = (10 + 2) × 4 = 40 + 8 = 48	11 × 4
13 × 4 = (10 + 3) × 4 = 30 + 12 = 30 + 10 + 2 = 52	15 × 4

48 ÷ 6 = (40 + 8) ÷ 4 = (40 ÷ 4) + (8 ÷ 4) = 10 + 2 = 12	64 ÷ 4
45 ÷ 4 = (40 + 5) ÷ 4 = (40 ÷ 4) + (5 ÷ 4) = 10 + 1 go sala 1 = 11 go sala 1	49 ÷ 4

4 Rarabolola dipalo tse di latelang:



Tony o na le dimonamone di le 36.

O ja dimonamone di le 4 letsatsi le letsatsi.

A ka ja dimonamone malatsi a le makae?



David o rekisa dipakete tsa dinamune tse nne mo paketeng nngwe le nngwe.

O na le dinamune di 88.

A ka tlatsa dipakete di le kae?



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Letlha: .....

Dipaterone tsa dipalo: bonne go fitlha ka 1 000

A re baleleng bonne go tloga ka 804 go fitlha ka 900.

801	802	803	804	805	806	807	808	809	810
811	812	813	814	815	816	817	818	819	820
821	822	823	824	825	826	827	828	829	830
831	832	833	834	835	836	837	838	839	840
841	842	843	844	845	846	847	848	849	850
851	852	853	854	855	856	857	858	859	860
861	862	863	864	865	866	867	868	869	870
871	872	873	874	875	876	877	878	879	880
881	882	883	884	885	886	887	888	889	890
891	892	893	894	895	896	897	898	899	900



Dipalo tse di sekeleditsweng di re bontsha paterone efe?

Sekeleditswe ka botala:	Go balela _____.
Kwala paterone:	
Sekeleditswe ka phepole:	Go balela _____.
Kwala paterone:	



a. 872 + 4 + 4 + 4 = ____	b. 821 − 4 − 4 − 4 = ____	c. 840 + 4 + 4 = ____
d. 836 − 4 − 4 − 4 − 4 = ____	e. 885 + 4 = ____	f. 845 − 4 − 4 = ____
g. 803 + 4 + 4 + 4 = ____	h. 813 − 4 = ____	i. 847 − 3 − 3 − 3 = ____

Boto ya dipalo 901 go fitlha 1 000.

901		903	904	905		907	908	909	
911	912	913		915	916	917		919	920
921		923	924	925		927	928	927	
931	932	933		935	936	937		939	940
941		943	944	945		947	948	949	
951	952	953		955	956	957		959	960
961		963	964	965		967	968	969	
971	972	973		975	976	977		979	980
981	982	983	984	985		987	988	989	
991	992	993		995	996	997		999	1 000



Tlatsa dipalo tse di tlogetsweng.

Khalara dipalo tse di tlogetsweng mo dibolokong ka botala. Khalara diboloko tse ditshweu tse di nang le dipalo mo go tsona ka bohibidu. O bona dipaterone dife?



Feleletsa dipaterone.

a. Tlhakanya bo 4 ba bane le 980.	984, 988, 992, 996
b. Tlhakanya bo 5 ba bane le 971.	_____
c. Ntsha bo 4 ba bane mo go 963.	_____
d. Ntsha bo 3 ba bane mo go 927.	_____
e. Tlhakanya bo 2 ba bane le 938.	_____

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122 Dikarolo tse di lekanang tsa bogotlhe

Letlha: .....

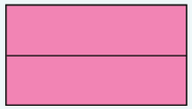
Sega seripa se le sengwe.

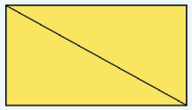
Sega dikhutlonnetsepa dingwe go tswa mo pampering ya mmala (go tswa go Mosego II).



Leka mekgwa mengwe go dira seripa se le sengwe.

1. Mena pampiri khutlonnetsepa ka bogare ka boleele. Sega pampiri ka bogare mo lemenong. Karolo nngwe le nngwe e a tshwana ka bogolo. Karolo nngwe le nngwe ke seripa ($\frac{1}{2}$) sa khotlonnetsepa.
2. Mena pampiri e nngwe ka bogare jwa tshekagano. Sega mo lemenong fa gare. Karolo nngwe le nngwe e a lekana ka bogolo. Karolo nngwe le nngwe ke seripa sa ya ntlha.
3. Ke tsela efe gape ya go arola pampiri ka dikarolo tse di lekanang di le pedi? Dira ka pampiri le sekere lo thale mela mo mamenong mme o sege.







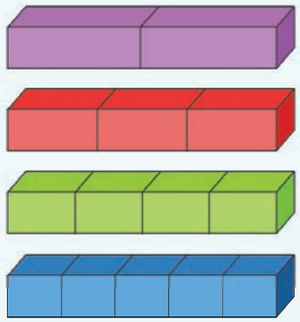
Dikarolo tse di lekanang tsa bogotlhe.

Fa re arola sengwe ka dikarolo tse 2 tse di lekanang, ra re dikarolo tseo ke dihalofo.

Fa re arola sengwe ka dikarolo tse 3 tse di lekanang, ra re dikarolo tseo ke dinngwetharong.

Fa re arola sengwe ka dikarolo tse 4 tse di lekanang, ra re dikarolo tseo ke dinngwenneng.

Fa re arola sengwe ka dikarolo tse 5 tse di lekanang, ra re dikarolo tseo ke dinngwetlhanong.



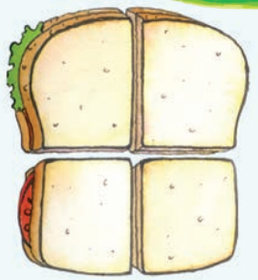
Borothopate jwa dijotshegare.

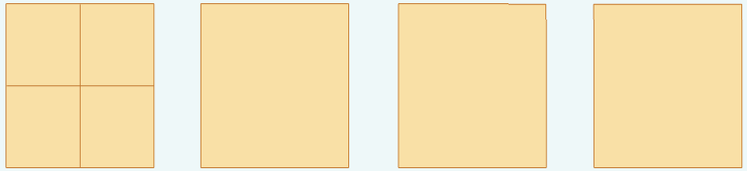
Thabo le ditsala tsa gagwe ba dira borothopate jwa dijotshegare.

Ba bo sega ka dikotara kgotsa bonne.

Ba bo sega dikarolo tse nne tse di lekanang.

E ke tsela nngwe. Bontsha ditsela tse 3 tse ba bo dirang ka tsona.



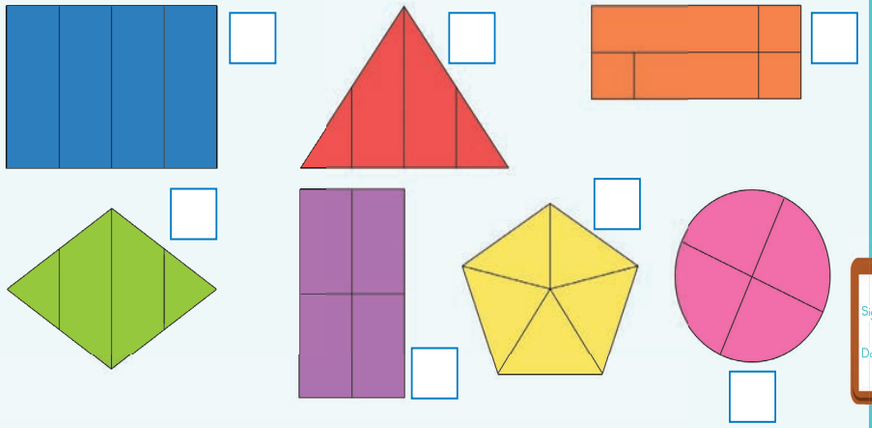


Go arola ka nne.

Fa re sega sengwe ka dikotara ($\frac{1}{4}$), re arola dikarolo di le nne.

Tshwaya ditshwantsho tse di fa tlase go bontsha kotara kgotsa bonne.

Tlhotlhomisa!
Bapisa!
Nepagetse!



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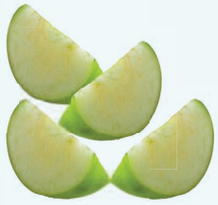
Letlha:

Palophatlo



Tlotla le tsala ya gago ka ga dipalophatlo.









Rarabolola dipalo tse di latelang ka go araba dipotso le go thala ditshwantsho.

a. Mokatisi wa bolotloa o fa motshameki mongwe le mongwe halofo ya namune.

Batshameki ba 14.

O tlhoka dinamune tse kae? _____

Potso ke efe? _____

Ke dipalo kgotsa dipalophatlo dife mo bothateng jo? _____

Lefoko la botlhokwa ke lefe? _____

Thala setshwantsho.



Karabo ke eng? _____

b. Mme o file nna le ditsala tsa me tse di lesomenngwe diapole.

O tlhoka diapole di le kae? _____

Ke dipalo kgotsa dipalophatlo mo bothateng jo? _____

Lefoko la botlhokwa ke lefe? _____

Thala setshwantsho.



Karabo ke eng? _____

c. Kwa moletlong wa sekolo go ne go rekisiswa dikuku tse di kgaogantsweng manathwana a le mararo nngwe le nngwe.

Ba rekiseditse batho ba ba 24 manathwana a kuku.

Ba rekisitse dikuku tse kae? _____

Ke dipalo kgotsa dipalophatlo dife mo bothateng jo? _____

Lefoko la botlhokwa ke lefe? _____

Thala setshwantsho.



Karabo ke eng? _____

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Letlha:

Dilwana tsa matlhakoremararo (3-D)

Lebelela ditshwantsho.

Ke setlhopha sefe se se bontshang dikgwele, disilintara le mabokoso?



2 Batla ditshwantsho tse pedi tsa sengwe le sengwe mme o di kgomaretse fa tlase.

3 Thalela karabo e e nepagetseng.

a. Tamati e bopegile jaaka kgwele/lebokoso/silintara.

b. Galase ya metsi e bopegile jaaka kgwele/lebokoso/silintara.

c. Buka e bopegile jaaka kgwele/lebokoso/silintara.

4 Go tlhamalala le go kgopama kana go nna digoro.

Dilwana dingwe tse di popota di sephaphathi fela. Tse dingwe di kgopame kana di digoro, o ka re lee.



Selintara e na le difatlhego tse di sephaphathi di le pedi le sefatlhego se se digoro se se sengwe.



Khounu e na le sefatlhego se se sengwe le se se digoro se le sengwe.



Kgolokwe e na le digoro fela mo matlhakoreng otlhe.

5 Go kgokologa.

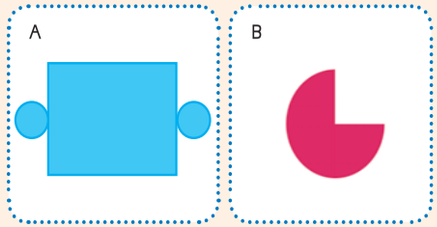
Akanya ka ga ka moo silintara, khounu kgotsa kgolokwe di ka kgokologang ka teng.

Mo dilwaneng tse 3, ke sefe se:

a. Se sa kgoneng go kgokologela kgakala?	
b. Se se kgonang fela go kgokologa se tlhamaletse?	
c. Se se kgonang go kgokologela kwa matlhakoreng otlhe?	

6 Nnêtê ke eng?

Sebopego se se sephaphathi se se kgonang go menega go bopa selo se se popota se bidiwa nnêtê.



Kwala tlhaka ya nnêtê e e kgonang go menega go bopa khounu. _____

Kwala tlhaka ya nnêtê e e kgonang go menega go bopa silintara. _____

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Date:

1 2 3 4 5 6 7 8 9 10

11 12 13 14 15 16 17 18 19 20

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125 Dipalophatlo

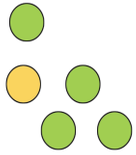
Letlha: .....

Naya maina a dipalophatlo.

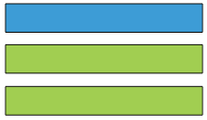
Kwala palophatlo ya ditshwantsho tse di fa tlase.



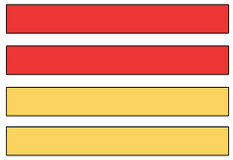
a. Ke palophatlo efe e khibidu? _____



b. Ke palophatlo efe e e botala jwa tlhaga? _____



c. Ke palophatlo efe e e botala jwa legodimo? _____



d. Ke palophatlo efe e e serolwana? _____

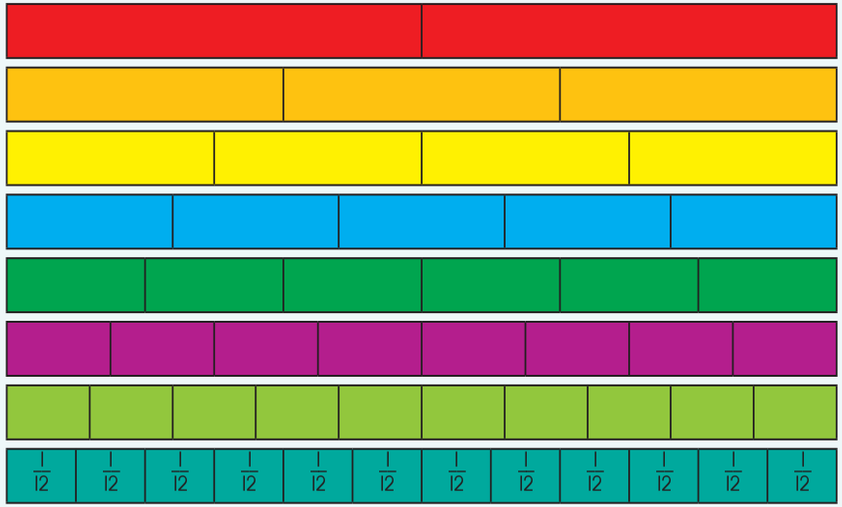
Araba dipotso.

a. Sizwe o na le manathwana a le mane a tšhokolete. O fa tsala ya gagwe le le lengwe.
O na le palophatlo efe ya tšhokolete? _____

b. Yasmin o na le dinamune tse pedi. O arogana le Ann.
O setse ka palophatlo efe? _____

c. Maria o reka ditšhokolete tse 5. O itsholela e le 1, o fa Mohamed tse 2 le abuti wa gagwe tse 2. Maria o tshotse palophatlo e kae? _____

Lobota lwa palophatlo.



Mola mongwe le mongwe o kgaogantswe ka go lekana. Mola wa kwa tlase e kgaogantswe ka dinngwelesomepeding ($\frac{1}{12}$).

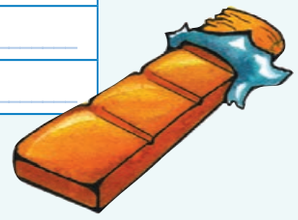
Leibola mela e mengwe ka dipalophatlo tse di nepagetseng.

Dirisa rula go bona gore ke dipalophatlo dife tse di lekanang, mme e go thuse go araba dipotso tse.

Batla ditsela tsa go e dira:

a. halofo $\frac{1}{2}$	
b. bogotlhe (l)	
c. dikotara tse tharo $\frac{3}{4}$	

Tlhotlhomisa!
Bapisa!
Nepagetse!



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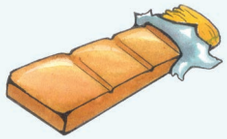
126

Letlha:

Ditlhopha le go arolelana



Go balela ka bonako.



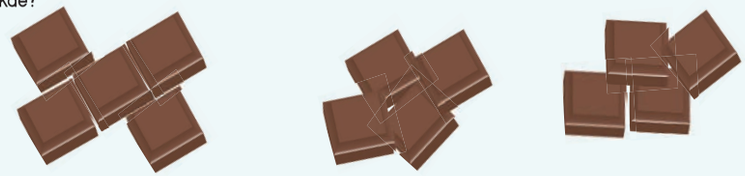
Batla.

30 ÷ 3 = ____	15 ÷ 3 = ____	60 ÷ 3 = ____	600 ÷ 3 = ____
150 ÷ 3 = ____	24 ÷ 4 = ____	24 ÷ 8 = ____	240 ÷ 4 = ____
120 ÷ 4 = ____	12 ÷ 4 = ____	40 ÷ 10 = ____	40 ÷ 5 = ____
400 ÷ 10 = ____	400 ÷ 5 = ____	200 ÷ 5 = ____	18 ÷ 2 = ____
36 ÷ 2 = ____	72 ÷ 2 = ____	72 ÷ 4 = ____	72 ÷ 8 = ____

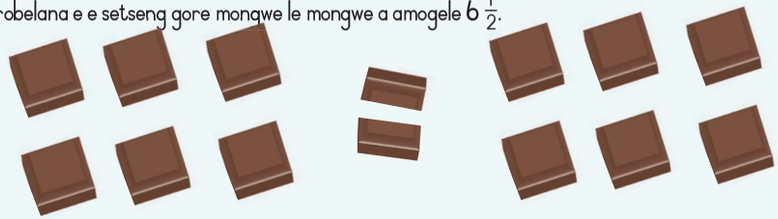


Aroganang se se setseng.

Jabu le Lebo ba batla go arolelana ditšhokolete tse 13. Mongwe le mongwe o tlaa fiwa dikarolo tse kae?



Ba ka arolelana dikwere tse 12 tse di tletseng, ba amogela tse thataro mongwe le mongwe.
Ba robelana e e setseng gore mongwe le mongwe a amogele 6 $\frac{1}{2}$.



a. Kwa moletlong diterepe sa sukiri di le 25 di arogantswe magareng ga bana ba ba 10. Ba arolele tse di lekanang. Thala ditshwantsho go go thusa.



A le mongwe o amogela diterepe di le _____.

b. Aroganya diterepe di le 37 magareng ga bana ba le 4.

A le mongwe o amogela diterepe di le _____.

c. Aroganya diterepe di le 48 magareng ga bana ba le 5.

A le mongwe o amogela diterepe di le _____.

d. Aroganya diterepe di le 73 magareng ga bana ba le 10.

A le mongwe o amogela diterepe di le _____.

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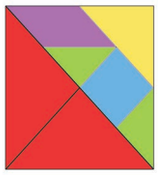
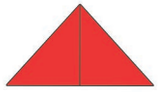
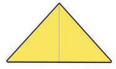
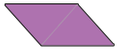
Letlha:

127 Dipalophatlo tsa thenekeramo

Thenekeramo ke phazele ya bogologolo ya Matšhaena e e dirilweng ka dibopego tse 7 tse di bidiwang dithene, mme di kgobokanngwa go dira dibopego tse di farologaneng.



Dipalophatlo mo thenekeramong.

	Lebelela phazele ya thenekeramo. Ke palophatlo efe ya sekwere sotlhe e e bopang nngwe le nngwe ya dikhutlotharo tse pedi tse dikgolo. (pinki mo setshwantshong)	____
	Fa o mena nngwe ya di khutlotharo tse dikgolo go nna dikarolo tse pedi tse di lekanang, karolo nngwe le nngwe e tshwana le e e mo magareng ya khutlotharo (serolwana mo setshwantshong.) ke karolo efe ya palophatlo?	____
	Fa o mena khutlotharo e e magareng ka dikarolwana tse pedi, karolwana nngwe le nngwe e lekana ka bogolo le dikhutlotharo tse pedi tse dinnye. (Botala jwa tlhaga mo setshwantshong) Khutlotharo e nny ke palophatlo efe ya sekwere sotlhe?	____
	O kgona go baya dikhutlotharo tse pedi tse dinnye mmogo go bopa sekwere se sennye. Sekwere se sennye ke palophatlo efe ya sekwere sotlhe. (botala jwa legodimo mo setshwantshong)?	____
	O kgona go baya dikhutlo tharo tse pedi tse dinnye mmogo go bopa khutlonnetsepa. Khutlonnetsepa ke palophatlo efe ya sekwere sotlhe?	_____

Go dirisa khutlonnetsepa.

Sega dithenekeramo tse pedi go tswa mo go Mosego 12 mme o leibole karolwana nngwe le nngwe ka palophatlo ya yona ya sekwere sotlhe. (tse ke dibopego tsa nnete tsa Thenekeramo) Baya leina la gago ka fa morago ga karolwana nngwe le nngwe gore o tle o kgona go bona dikarolwana tsa gago kwa bokhutlong jwa motshameko.

Motshameko wa dipalophatlo tsa dikaroganyo tse di lekalekanang.

Tshameka le batshameki ba le 4/8 le dirisa dikarolwana tsa lona tsa thenekeramo.

Mongwe le mongwe o tshwanetse go tsenya kotara ya thenekeramo mo lebokosong (kgetsana)

1. Batshameki ba refosanela go nna mogwebi.
2. Mogwebi o swetsa gore ke palophatlo efe ya thenekeramo yotlhe e motshameki mongwe le mongwe a tshwanetseng go e tsenya mo lebokosong (kgetsaneng).
3. Motshameki mongwe le mongwe o fopholetsa gore a ledi (khoene) le tlaa wa ka tlhogo kana ka mogatla (Theile), mme morago mogwebi o dikolosa khoene kana ledi..
4. Mogwebi o aroganya madi otlhe magareng ga ba ba kgonneng go fopholetsa ka nepagalo. (ba ka nna ba gwebisana ka karolo kgotsa dikarolo tse di lekanang ka boleng)
5. Tshalelo epe e e sa kgoneng go aroganwa e sala mo kgetsaneng (lebokosong) go tla go dirisiwa mo nakong e e tlang.
6. Batshameki botlhe ba netefatsa gore a karoganyo e dirilwe sentle.
7. Fa motshameki a ka fitlhela phoso mogwebi o duela motshameki wa ntlha kotlhao ya $\frac{1}{8}$ ya sekwere sotlhe go bona phoso.
8. Motshameki yo o se nang dikarolwana a ka nna a tsaya tse di setseng mo lebokosong.
9. Tshamekang go fitlhela motshameki a rekisa.

Ke tla tsenya khutlotharo e kgolo

Borobedi ba babedi ba lekana le nne a le mongwe. Nka di tsenya mo sekwereng le mo khutlonnetsepeng

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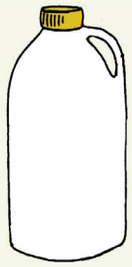
128a

Letlha:

Tekanyo ya mothamo



Dirisa lebotlolo la polasetiki le komiki.



komiki (250 ml)



O akanya gore seduti se se ka tlatsa dikomiki tse kae?

Ga o tlhoke go bua ka litara kgotsa mililitara. Dirisa mafoko a "komiki" le "lebotlolo" fela.

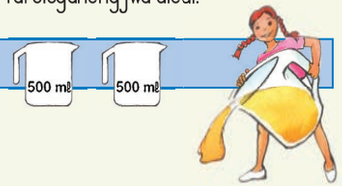
seduti sa litara



Dira litara.

Batla tsela ya go dira litara o dirisa bontsi jo bo farologaneng jwa diedi.

Polelopalo: 500 ml + 500 ml = 1 000 ml (1 ℓ)





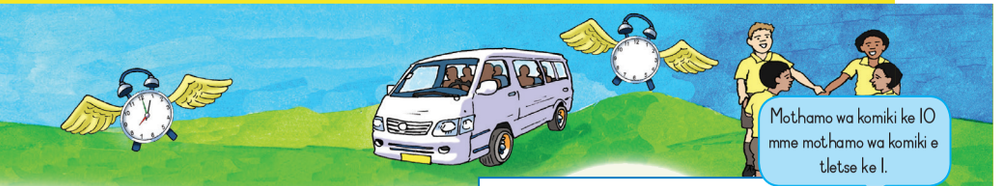
Polelopalo _____ = 1 000 ml (1 ℓ)

Polelopalo _____ = 1 000 ml (1 ℓ)

Polelopalo _____ = 1 000 ml (1 ℓ)

Polelopalo _____ = 1 000 ml (1 ℓ)

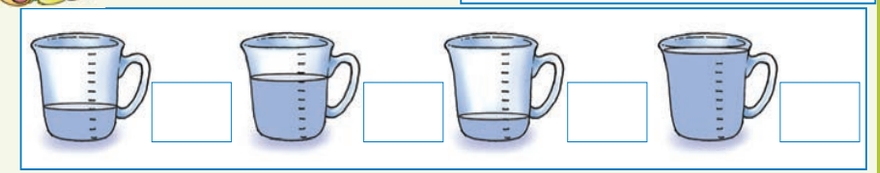
Fa re kwala matshwao a meteriki re tlogela sekgala magareng ga mono wa bofelo le letshwao.
Sekao: re kwala 3 ℓ seng 3ℓ; 299 g e seng 299g; e seng 299 g; 15 km e seng 15km.



Mothamo wa komiki ke 10 mme mothamo wa komiki e tletse ke 1.

Mothamo wa komiki nngwe le nngwe e e tletseng ke bokae?

Leswana le le tladitse komiki go fitlha mo moleng wa ntlha.



Re lekanya bonnye jwa diedi ka mililitara (ml).

Komiki ya go lekanya molemo e tshola 10 ml e e lekanang le maswana a tee a mabedi.

Re lekanya bontsi jwa diedi ka litara (ℓ).

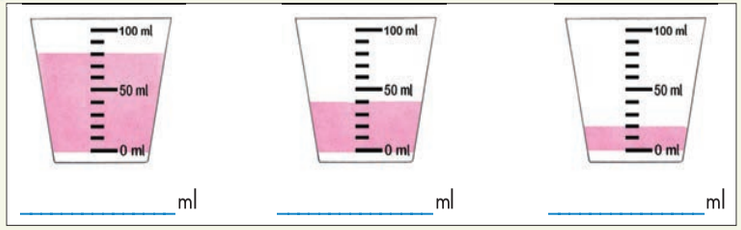
Go na le dimililitara di le 1000 mo litareng.





Ke seedi se se kanakang?

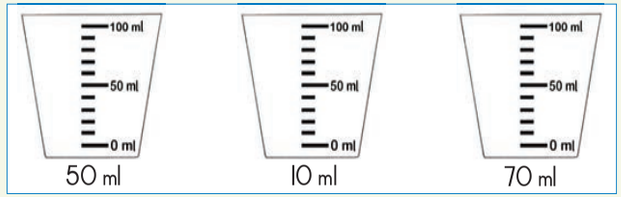
Jeke nngwe le nngwe e na le ml di le kae tsa seedi?



_____ ml _____ ml _____ ml

Ke seedi se se kanakang?

Khalara dikomiki tsa go nwa molemo go bontsha bontsi jwa nngwe le nngwe.



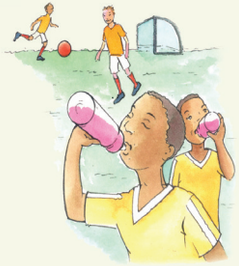
50 ml 10 ml 70 ml

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Letlha:

Lekanyetsa o bo o tshela

1 Kwa motshamekong.



Ka nako ya go ikhutsa motshameki mongwe le mongwe o nwa $\frac{1}{4}$ ya litara ya matute.

a. Ke batshameki ba le bakae ba ba ka kgaoganang?

Litara 1 _____ Dilitara tse 4 _____ Dilitara tse 2 $\frac{1}{2}$ _____

b. Ba tlhoka matute a makanakang tebang le?

Batshameki ba le 8 _____ Batshameki ba le 9 _____ Batshameki ba le 12 _____

2 Dilitara le dimilimitara (ml).

Litara 1 = 1 000 ml $\frac{1}{2}$ ya litara = _____ ml $\frac{1}{4}$ ya litara = _____ ml

125 ml = _____ ya litara 50 ml = _____ ya litara

3 Dira halofo ya litara.

Tshwaya (✓) meduto e 3 e e ka tlhakanang go dira halofo ya litara.

120 ml	140 ml	160 ml	28 ml	240 ml
				

4 Maswi a go siametse!

Kgaoganya dilitara tse 4 tsa maswi magareng ga:

a. Bana ba ba 8 Mongwe le mongwe o fiwa dilitara di le _____

b. Bana ba ba 16 Mongwe le mongwe o fiwa dilitara di le _____

c. Bana ba ba 12 Mongwe le mongwe o fiwa dilitara di le _____



5 Bara ya ga Bongi ya matute.

Mo jekeng e le 1, Bongi o dirisa kotara e le nngwe ($\frac{1}{4}$) ya koi ya matute le dikopi di le 2 tsa metsi.

Bereka gore Bongi o dirisa matute le metsi a makae go dira dijeke di le 5 tsa matute.

Dijeke	1	2	3	4	5
Dikopi tsa matute	Kwatara e le nngwe ($\frac{1}{4}$)				
Dikopi tsa metsi	2				

6 Dira litara.

50 ml	100 ml	200 ml	250 ml	500 ml

O tlhoka didutu dingwe le dingwe di le kae go dira litara?

a. _____ × 100 ml b. _____ × 200 ml c. _____ × 250 ml

e. _____ × 500 ml f. _____ × 50 ml

7 Morago ga moletlo.



Moletlo wa ga Thandi o fedile. Go na le dino tse di setseng.

Go setse matute a a serolwana a makae? _____

Go setse matute a a phepole a makae? _____

Thandi o tswakanya matute a mabedi mmogo.

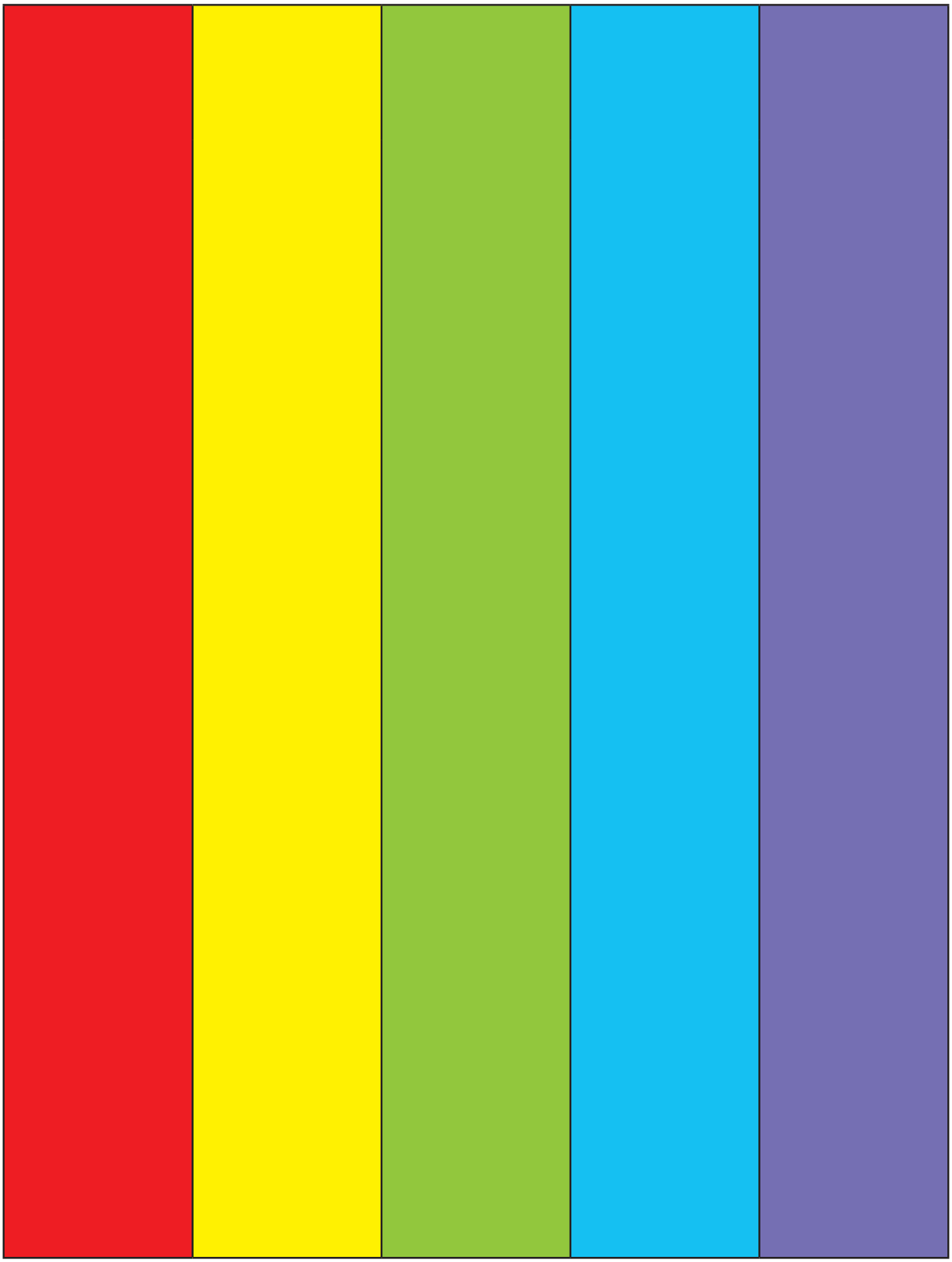
O kgona go tlatsa dijeke di le kae? _____

Netefatsa!
Bapisa!
Siamisa!

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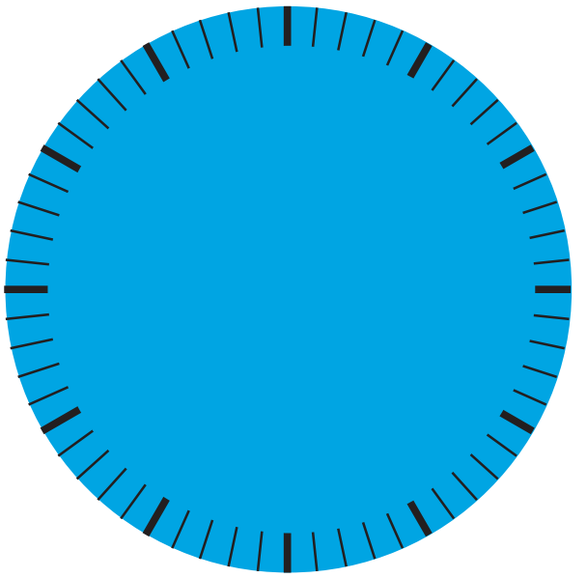
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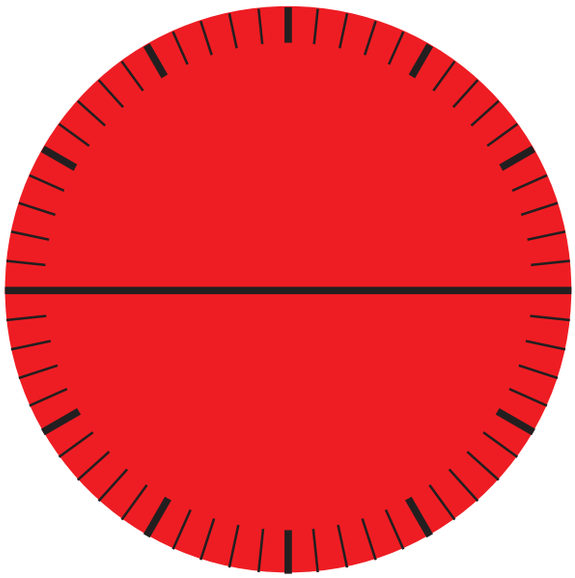
Mosego 5

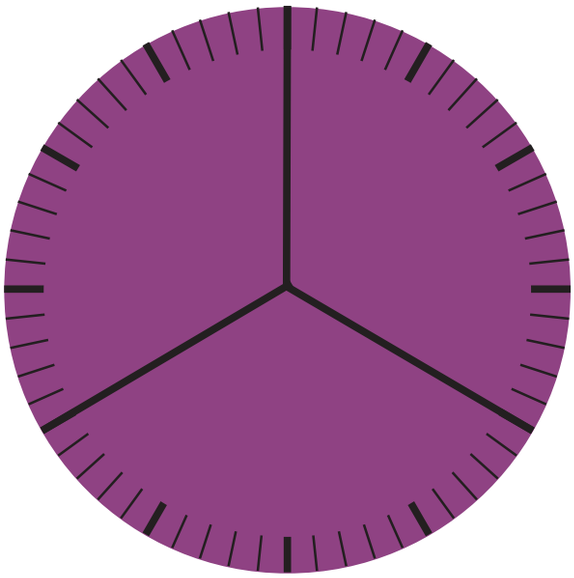


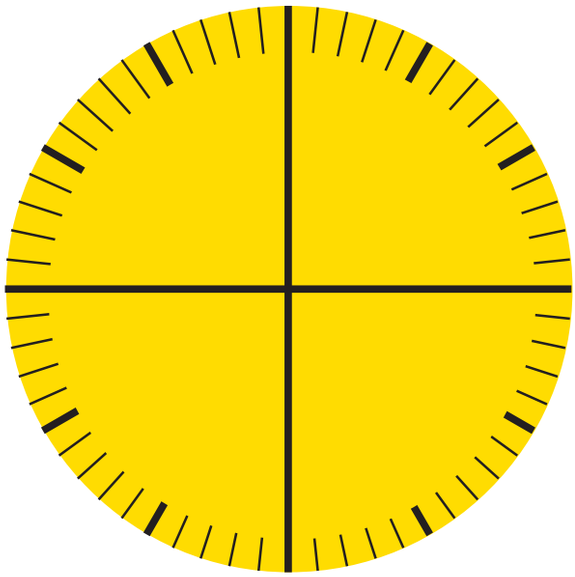
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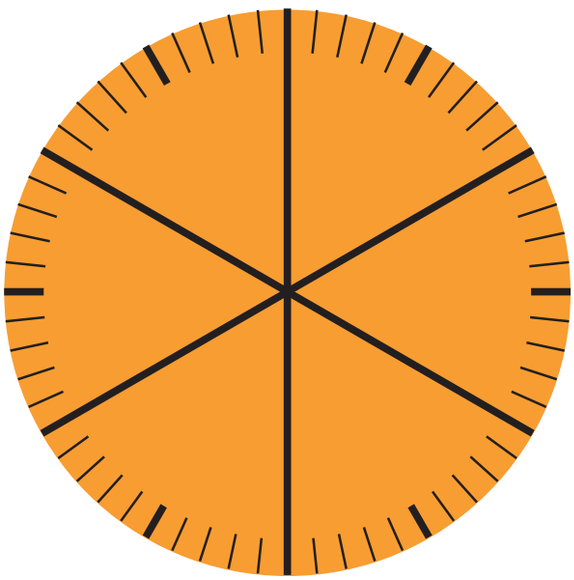
Mosego 6

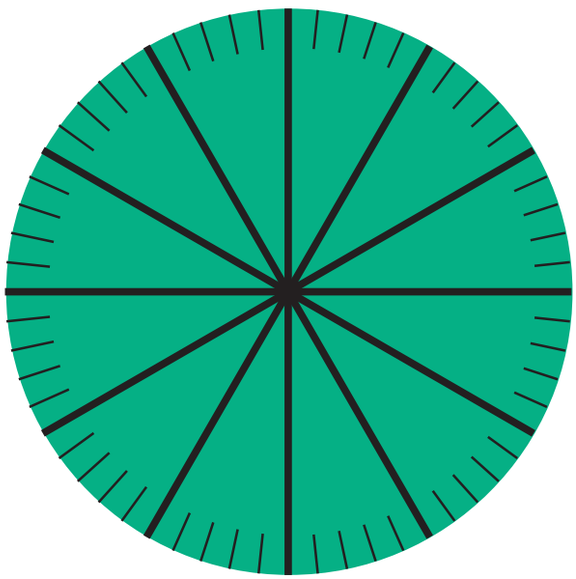




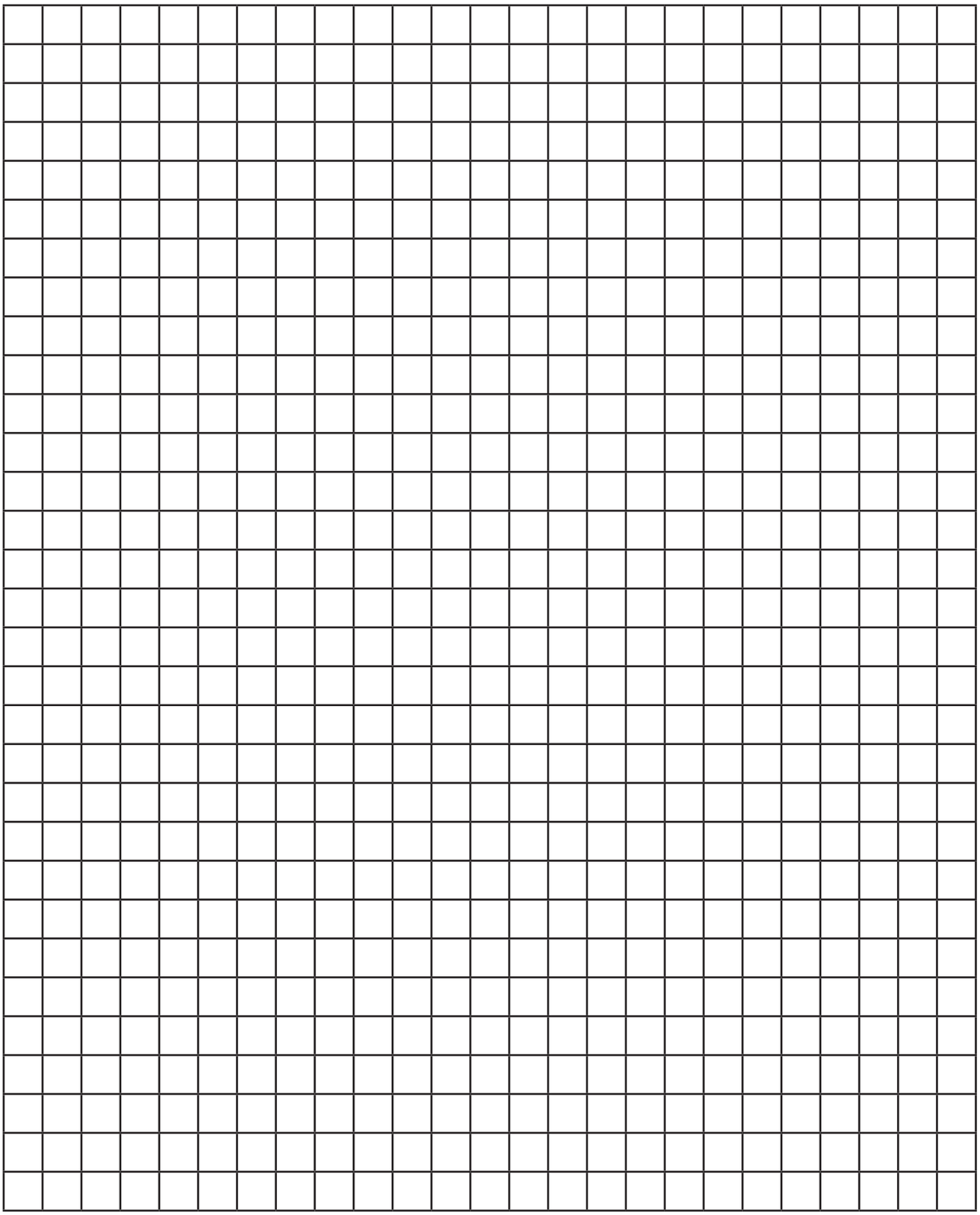






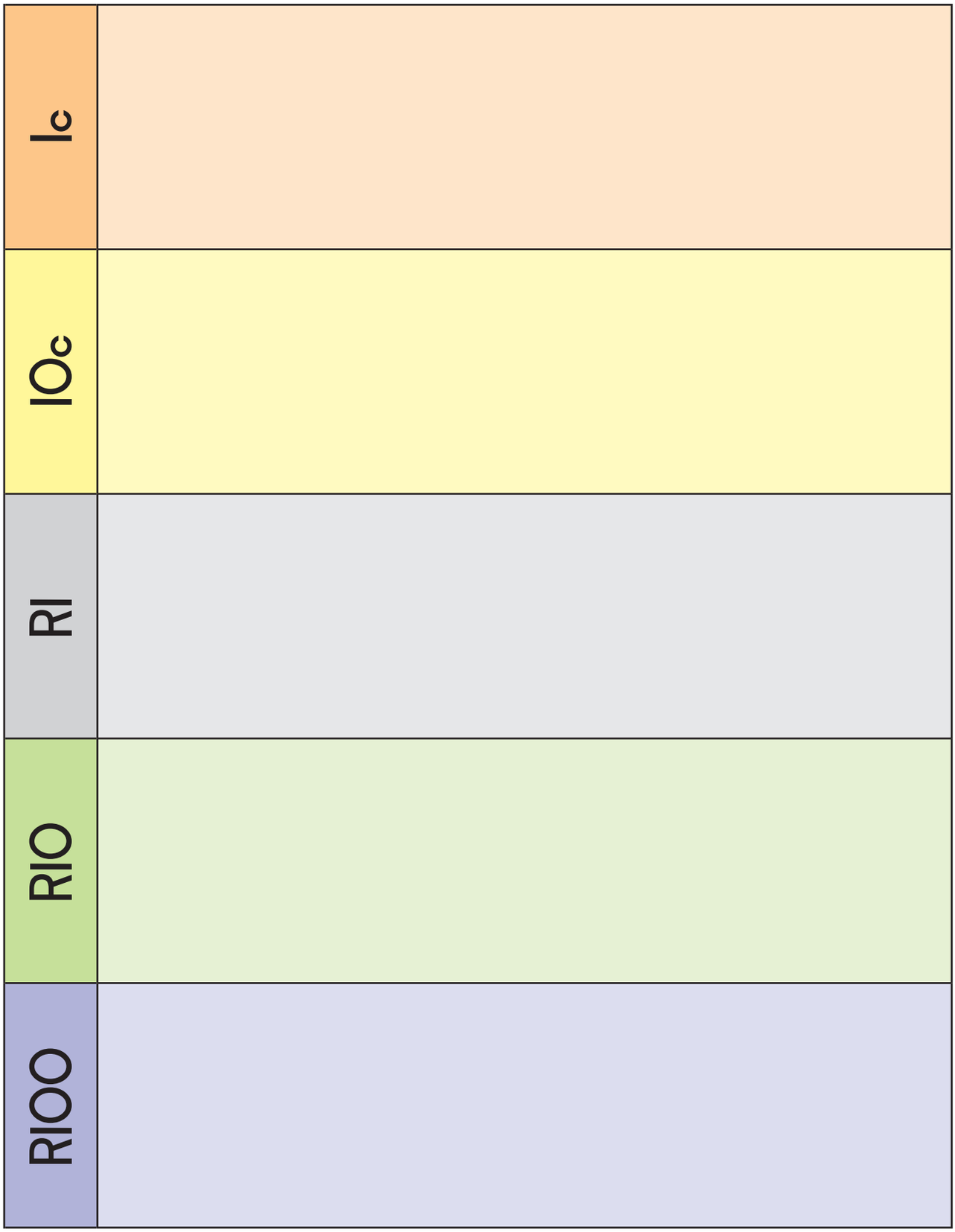


Mosego 7



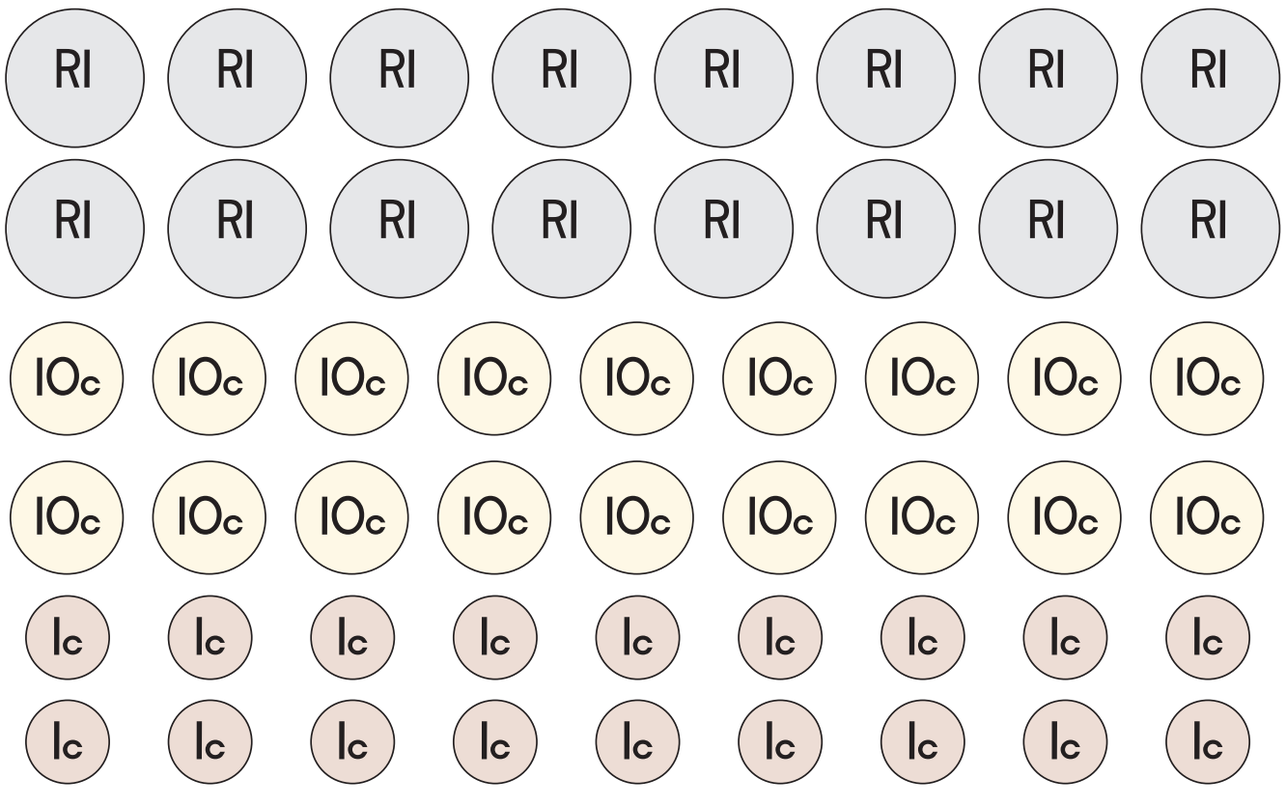
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Mosego 8

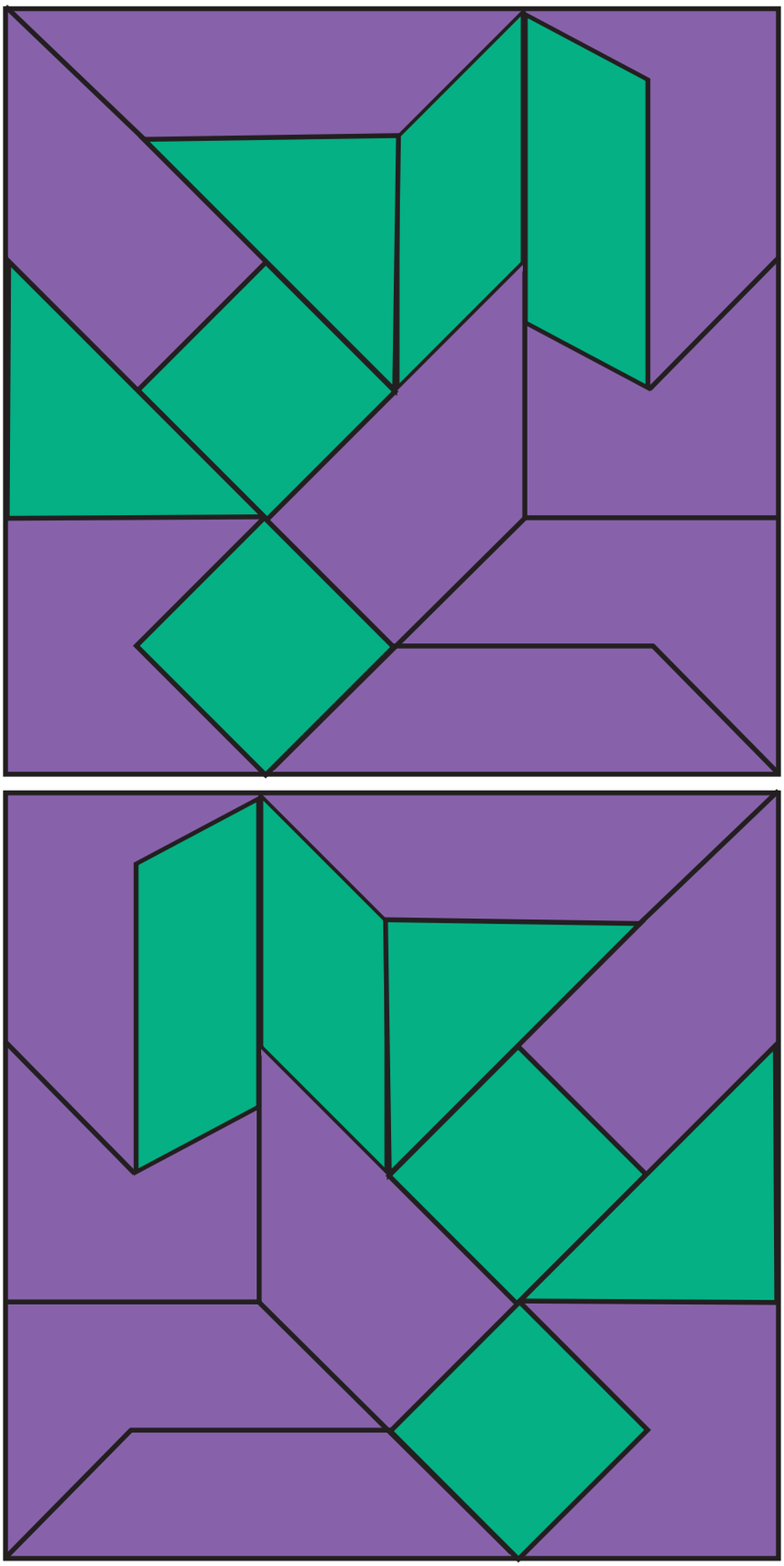


Mosego 9

RIOO	RIOO	RIOO	RIOO
RIOO	RIOO	RIOO	RIOO
RIO	RIO	RIO	RIO
RIO	RIO	RIO	RIO
RIO	RIO	RIO	RIO
RIO	RIO	RIO	RIO

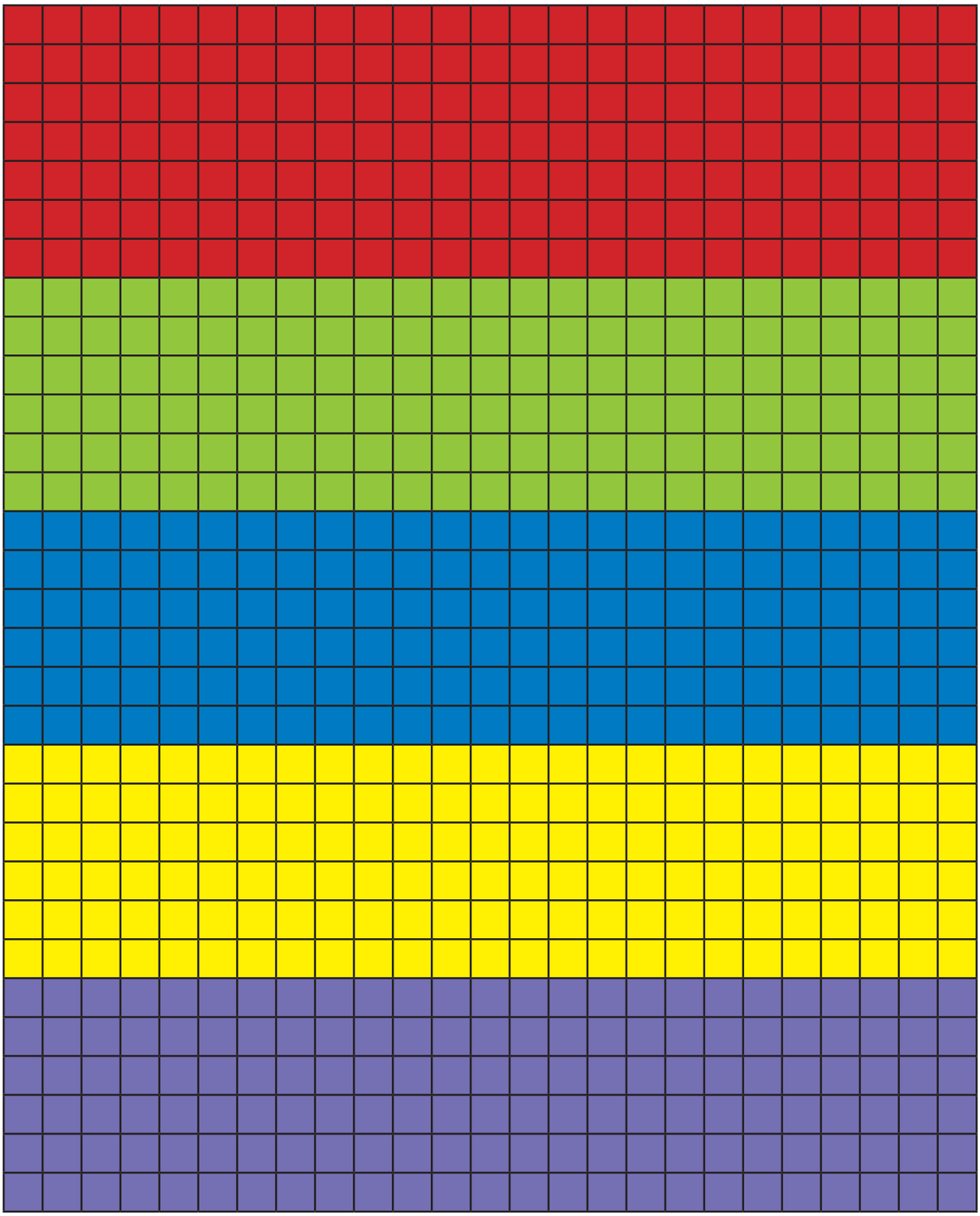


Mosego 10



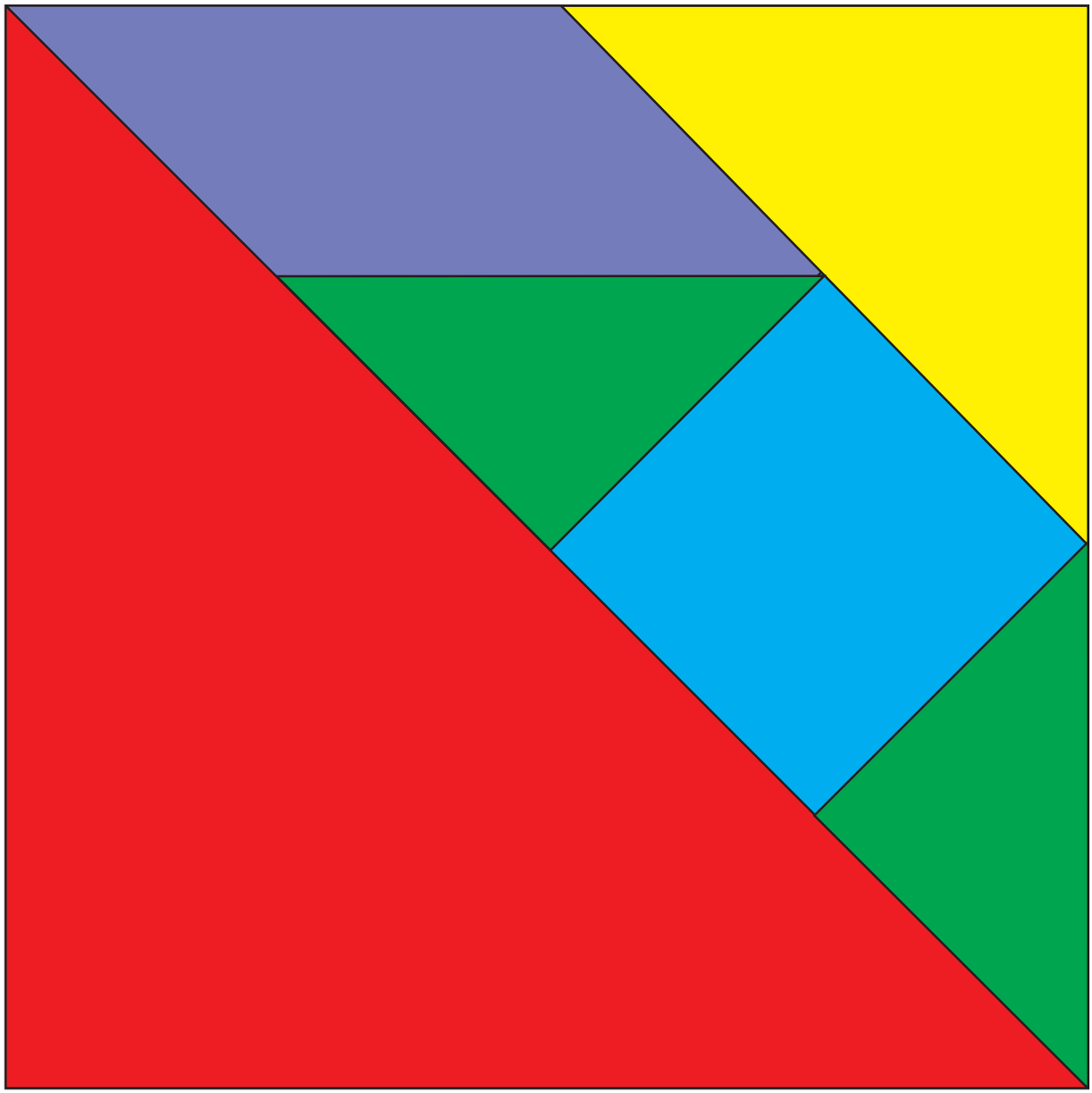
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Cut-out II



GEN NUM G3 B2 CUT OUTS.indd 2 2014/06/20 8:16 AM

Cut-out 12



GEN NUM G3 B2 CUT OUTS.indd 4 2014/06/20 8:16 AM