

Mmetse

Mathematics

1

Kotara 4 : Term 4





Kotara 4 : Term 4



**Bala
Wandé**

Calculating with Confidence

Mmetse

Mathematics

Puku ya Mošomo ya Morutwana
Learner Activity Book

Sepedi : English

Tšweletšo ya puku ye ya mešomo e kgonagetše ka lebaka la tirišano ya sehlopha sa Bala Wandé-Magic Classroom ka therišano le sehlopha seo se netefaditšego sa go bopša ke batho go tšwa diyunibesithing tše mmalwa, mekgatlo ya mmetse ya go se laolwe ke mmušo (NGOs) le Kgoro ya Thuto ya Motheo. Didirišwa tše di tšeela mošomo woo o dirilwego ka dipukung tša mešomo tša Kgoro ya Thuto ya Motheo, dipeakanyo tša dithutišo tša go tsenelelana tše di šetšego di le gona (GPLMS, Jika iMfundo, NECT le TMU). Mapokisi a didirišwa tša Bala Wandé a ngwetšwe ka kgokagano le Jade Education. Mapokisi a neelana ka didirišwa tša boleng bja godimo tše e lego karolo ye bohlokwa ya lenaneo la go ruta le go ithuta.

The development of this workbook was carried out by the collaborative *Bala Wandé-Magic Classroom Collective team* in consultation with a reference team made up of individuals from several universities, mathematics NGOs and the Department of Basic Education. These materials draw on the DBE workbooks and existing iterations of lesson plans (GPLMS, Jika iMfundo, NECT and TMU). The Bala Wandé manipulative boxes were designed in consultation with Jade Education. The boxes provide high quality materials which are an integral part of the teaching and learning programme.

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www.fundawande.org

ISBN: 978-1-77630-637-4

Version 3: 2024



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Go šomiša Puku ya Mošomo ya Morutwana ya Bala Wande

Puku ye ya Mošomo ya Morutwana e na le mešongwana yeo e beakanyeditšwego matšatši a 40 a go ruta ka Kotara ya 4. Go na le mešongwana ya phapoši ka moka, mešongwana ka botee le dipapadi tša barutwana tša go ralokwa ka bobedi le ka dihlopha. Dikarabo tša mešongwana di ka ngwalwa ka pukung ye.

Mešongwana ka gare ga puku ye e ngwadilwe ka mokgwa wa malemepedi. Tshepo ya rena ke go re go tšweletša mešongwana ka maleme a mabedi go tla thuša barutwana go tlwaela mantšu a mmetse ka Leleme la Gae le ka Seisemane. Go dira ka mokgwa woo go tla thuša go tlabela barutwana ka ditlabela tša go ithuta mmetse bophelo ka moka.

Ge barutwana ba šoma mešongwana ya puku ye ya mešomo go ya ka peakanyo ya tšatši ka tšatši, ka kotara ye nngwe le ye nngwe, ba tla kgona go fetša kharikhulamo ka moka ya mmetse ya ngwaga. Re tshepa gore mešongwana ye e tla ba tsela ya go kgahliša ya go ba thuša go hwetša tsebo ya motheo ya mmetse.

Mathomo a letšatši le lengwe le le lengwe le leswa go bontšhitšwe ka sefoka se sekhubedu.

BEKE • WEEK
2

LETŠATŠI 1 • DAY 1

Go nyalanya, go hlaola le go bala go ya go 5
Matching, sorting and counting up to 5



Ka tlase ga sefoka go na le seswantšho sa go ela seo se akaretšago tatelano ya mešongwana ya letšatši.

MMETSE
WA HLOGO
MENTAL MATHS

KOPOLLA O BONTŠHE
DIPALO 1-5
COPY AND SHOW NUMBERS 1-5

KGODIŠO YA KGOPOLO
CONCEPT DEVELOPMENT

PAPADI
GAME

MATLAKALATŠHOMELO
WORKSHEETS

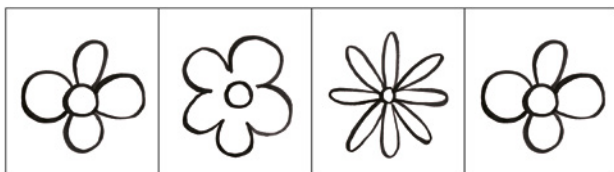
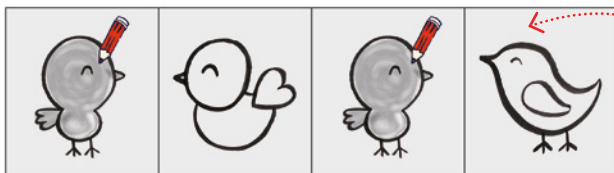
Mmetse wa Hlogo ke mošongwana wa mathomo wa letšatši le lengwe le le lengwe. Morutiši o tla eta mošongwana wo pele. Papadi ye e ka ralokwa letšatši lefe goba lefe la beke.

Seswantšho se ke leswao la mošongwana wa kgodišo ya kgopolo woo o etwago pele ke morutiši.



Matlakala a mangwe ka moka ka pukung ye, a diretšwe morutwana gore a šome ka boyena goba ka dihlopha ka tlhahlo le thekgo ya morutiši. Go ka ba le matlakalatšhomelo goba dipapadi, go teefatša mareo ao a rutilwego letšatšing leo. Dipapadi di tšweletšwa ka go šomiša dikhathune tša barutwana ba bontšha ka fao papadi e swanetšego go ralokwa ka gona.

1 Khalara diswantšho tše pedi tšeo di swanago.
Colour two pictures that are the same.



Ditaelo ka moka le tshedimošo di filwe ka Sepedi tša fetolelwa go Seisemane.

Matlakalatšhomelo a barutwana a na le mohlala woo o šetšego o dirilwe (o bontšhitšwe ka mmala wo mopududu ka morago le ka phensele ye khubedu).

Letšatši la bo 5 la beke ye nngwe le ye nngwe le beakanyeditšwe teefatšo le kelo.

Using the Bala Wande Learner Activity Book

This Learner Activity Book has activities planned for 40 days of teaching in Term 4. There are concept development activities, individual learner activities and games for learners to play in pairs and groups. Answers to the activities can be written in this book.

The material is presented using a bilingual format. We hope that presenting the activities in two languages will help learners to become familiar with maths words in both their home language and in English. This will equip them for lifelong learning of maths.

If learners work systematically through these workbook-style activities every day and every term, they will cover the whole maths curriculum for the year. We hope that these activities will be a fun way to help them acquire foundational maths knowledge.

The start of each new day is shown with a red banner.

BEKE • WEEK
2

LETŠATŠI 1 • DAY 1
Go nyalanya, go hlaola le go bala go ya go 5
Matching, sorting and counting up to 5

Underneath the banner is a flow diagram that summarises the sequence of activities for the day.



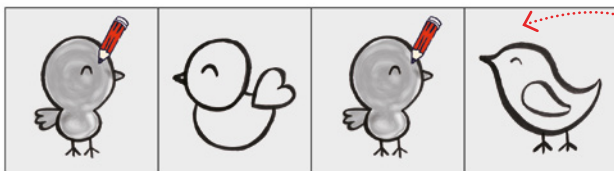
Mental Maths is the first activity every day. The teacher will lead this activity. You can play the game any day of the week.

This icon marks the concept development activity that the teacher will lead.

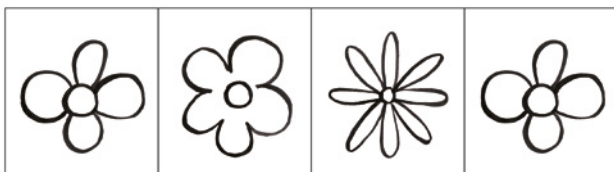


All the other pages in the book are for learners to work on independently or in groups with guidance and support from the teacher. They may be worksheets or games that will consolidate the concepts covered that day. Games are presented using cartoons of learners to show how the game should be played.

1 Khalara diswantšho tše pedi tšeo di swanago.
Colour two pictures that are the same.



All instructions and information are given in Sepedi with an English translation below.



Learner worksheets have a worked example (indicated by the grey background and the red pencil).

Day 5 of each week is planned for consolidation and assessment.

MMETSE
WA HLOGO
MENTAL MATHS

MEŠONGWANA
YA NAKO
TIME ACTIVITIES

PAPADI
GAME

KGODIŠO YA KGOPOL
CONCEPT DEVELOPMENT

MATLAKALATŠHOMELO
WORKSHEETS

I Hwetša palo yeo e tlogetšwego. Ngwala lefokopalo la go fapana mo mothalong o šomiša dipalo tša go swana.

Find the missing number. Write a different number sentence on the line using the same numbers.

$7 + \underline{8} = 15$

15	
7	8

$\underline{15 - 7 = 8}$

$\underline{\quad} + 6 = 11$

11	
	6

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

$9 + \underline{\quad} = 12$

12	
	9

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

$8 + \underline{\quad} = 14$

14	
8	

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

$\underline{\quad} + 9 = 18$

18	
	9

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

$9 + \underline{\quad} = 16$

16	
	9

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

$17 - \underline{\quad} = 9$

17	
	9

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

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

13	
	8

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

$12 - \underline{\quad} = 6$

12	
	6

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

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

11	
	7

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

$14 - \underline{\quad} = 5$

14	
	5

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

$13 - \underline{\quad} = 9$

13	
	9

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

2 Hwetša palo yeo e tlogetšwego. Palo yeo e lego gare ke palomoka.

The number in the middle is the total. Find the missing number.

 + + + = 11

 + + + = 15

 + + + =

 + + + =

3 Rarolla o be o khalare.

Solve and colour.

$13 - \underline{6} = 7$ 	$14 - \underline{12} = 2$ 
$15 - 8 = \underline{\quad}$ 	$18 - 7 = \underline{\quad}$ 
$11 - \underline{\quad} = 6$ 	$13 - \underline{\quad} = 10$ 
$12 - 2 = \underline{\quad}$ 	$11 - 9 = \underline{\quad}$ 
$17 - \underline{\quad} = 9$ 	$15 - \underline{\quad} = 6$ 
$16 - 3 = \underline{\quad}$ 	$12 - 8 = \underline{\quad}$ 


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

MMETSE
WA HLOGO
MENTAL MATHS

MEŠONGWANA
YA NAKO
TIME ACTIVITIES

PAPADI
GAME

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

MATLAKALATŠHOMELO
WORKSHEETS

I Hwetša palo yeo e tlogetšwego. Ngwala lefokopalo la go fapana mo mothalong o šomiša dipalo tša go swana.

Find the missing number. Write a different number sentence on the line using the same numbers.

$15 - 9 = 6$

15	
9	6

$9 + 6 = 15$

$\underline{\hspace{2cm}} - 7 = 4$

7	4

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

$16 - \underline{\hspace{2cm}} = 8$

16	
	8

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

$\underline{\hspace{2cm}} + 5 = 13$

13	
	5

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

$\underline{\hspace{2cm}} + 8 = 14$

14	
	8

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

$5 + \underline{\hspace{2cm}} = 11$

11	
5	

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

$\underline{\hspace{2cm}} - 9 = 7$

9	7

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

$\underline{\hspace{2cm}} - 3 = 8$

3	8

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

$17 - \underline{\hspace{2cm}} = 8$

17	
	8

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

$\underline{\hspace{2cm}} + 8 = 12$

12	
	8

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

$7 + \underline{\hspace{2cm}} = 14$

14	
7	

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

$\underline{\hspace{2cm}} + 7 = 13$

13	
	7

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

- 2 Bagwera ba babedi ba na le dikarata tšeo di dirago palo ya go swana ge di hlakana. Hwetša palo yeo e tlogetšwego.

Two friends have cards that add up to the same number. Find the missing number.

5 3 2 4 2 4 $5 + 3 + 2 = 10$ $4 + 2 + 4 = 10$
2 6 2 4 1 $\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$
3 3 6 2 2 $\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$

- 3 Feleletša gore o hwetše palo ya ka godimo.

Complete to match the number at the top.

9 $13 - \underline{\quad}$ $17 - \underline{\quad}$ $11 - \underline{\quad}$ $\underline{\quad} - 5$ $\underline{\quad} - 9$ $\underline{\quad} - 3$	15 $9 + \underline{\quad}$ $4 + \underline{\quad}$ $7 + \underline{\quad}$ $\underline{\quad} + 5$ $\underline{\quad} + 8$ $\underline{\quad} + 6$	16 $8 + \underline{\quad}$ $7 + \underline{\quad}$ $14 + \underline{\quad}$ $\underline{\quad} - 4$ $\underline{\quad} - 2$ $\underline{\quad} - 3$
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MMETSE
WA HLOGO
MENTAL MATHS

MEŠONGWANA
YA NAKO
TIME ACTIVITIES

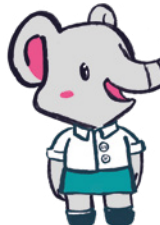
PAPADI
GAME

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

MATLAKALATŠHOMELO
WORKSHEETS

1 Ngwala mafokopalo a mane a go fapana go tafola ye nngwe le ye nngwe ya palo.

Write four number sentences for each number table.

 <table border="1" data-bbox="327 560 558 728"> <tr> <td colspan="2">14</td> </tr> <tr> <td>8</td> <td>6</td> </tr> </table>	14		8	6	 $8 + 6 = 14$ $6 + 8 = 14$	 $14 - 6 = 8$ $14 - 8 = 6$
14						
8	6					
 <table border="1" data-bbox="327 817 558 985"> <tr> <td colspan="2">11</td> </tr> <tr> <td>5</td> <td></td> </tr> </table>	11		5		$\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$	$\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$
11						
5						
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15						
	9					
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16						
7						
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12						
	4					
 <table border="1" data-bbox="327 1848 558 2016"> <tr> <td colspan="2">13</td> </tr> <tr> <td>5</td> <td></td> </tr> </table>	13		5		$\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$	$\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$
13						
5						

2 Rarolla marara a o be o ngwale tlhaka ka tlase ga karabo.

Solve the problems and write the letter underneath the answer.

$9 + 3 = 12$

A

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

G

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

U

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

D

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

R

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

T

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

A

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

K

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

D

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

E

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

U

$20 - 10 = \underline{\quad}$

I

$13 - 4 = \underline{\quad}$

D

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

P

$12 - 6 = \underline{\quad}$

A

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

O

$11 - 4 = \underline{\quad}$

L

$12 - 8 = \underline{\quad}$

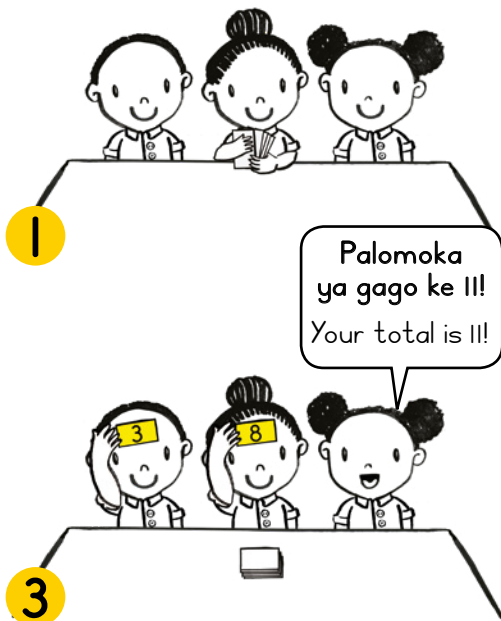
I

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

Papadi: Saluta Game: Salute

Ralokang ka dikarata tša lena tša dipalo 0–10.

Play with your 0–10 number cards.



Tšwelang pele ka go raloka go fihlela yo mongwe le yo mongwe a e ba le dibaka tše dintši tša go raloka a šomiša dikarata tša go fapafapana go itlwaetša go hlakantšha le go ntšha.

Keep playing until everyone has had lots of turns using different cards to practise addition and subtraction.

MMETSE
WA HLOGO
MENTAL MATHS

MEŠONGWANA
YA NAKO
TIME ACTIVITIES

PAPADI
GAME

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

MATLAKALATŠHOMELO
WORKSHEETS

Tšhate ya dikwere tša 100

100 square

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

1 Bagwera ba babedi ba na le dikarata tšeo di dirago palo ya go swana ge di hlakana. Hwetša palo yeo e tlogetšwego.

Two friends have cards that add up to the same number. Find the missing number.

5	3	5		4	2	7	
<u>5</u>	<u>3</u>	<u>5</u>		<u>4</u>	<u>2</u>	<u>7</u>	
$5 + 3 + 5 = 13$				$4 + 2 + 7 = 13$			
5	6	2		4	1		
<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>	
$ + + = $				$ + + = $			
4	4	6		7	5		
<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>	
$ + + = $				$ + + = $			

2 Ngwala tlhaka ye nngwe le ye nngwe ka lepokising la maleba.

Write each letter in the correct box.

1	2	3	A	5	6	R	8	9	10
11	12	13	E	15	16	17	18	19	I
21	P	23	24	25	26	27	28	29	30
31	32	S	34	35	H	37	38	I	40
41	N	43	44	45	46	47	48	49	E
N	52	53	G	55	56	57	K	59	A
61	62	63	64	G	66	O	68	B	70
A	72	L	74	A	76	77	78	D	80
81	82	83	84	85	I	87	88	89	90
91	P	93	94	A	96	L	98	O	100

4 7 14 20 22 33 36 39 42 50 51 54

58 60 65 67 69 71 73 75

79 86 92 95 97 99

3 Khalara dipalo.

Colour the numbers.

10 go ya go 20
10 to 20

21 go ya go 30
21 to 30

31 go ya go 40
31 to 40

15 22 35 12 30 31 20 21 40 11 23 38

29 40 41 24 34 49 27 34 43 30 40 50

25 12 18 35 30 19 20 31 29 10 20 32

1 Hwetša palo yeo e tlogetšwego. Ngwala lefokopalo la go fapana mo mothalong o šomiša dipalo tša go swana.

Find the missing number. Write a different number sentence on the line using the same numbers.

$15 - 6 = 9$

15	
6	9

$6 + 9 = 15$

$\underline{\hspace{2cm}} - 7 = 4$

7	4

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

$16 - \underline{\hspace{2cm}} = 8$

16	
	8

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

$\underline{\hspace{2cm}} + 5 = 13$

13	
	5

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

$\underline{\hspace{2cm}} + 8 = 14$

14	
	8

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

$5 + \underline{\hspace{2cm}} = 11$

11	
5	

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

2 Bagwera ba babedi ba na le dikarata tšeo di dirago palo ya go swana ge di hlakana. Hwetša palo yeo e tlogetšwego.

Two friends have cards that add up to the same number. Find the missing number.

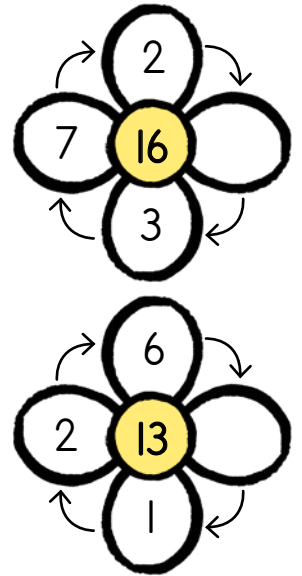
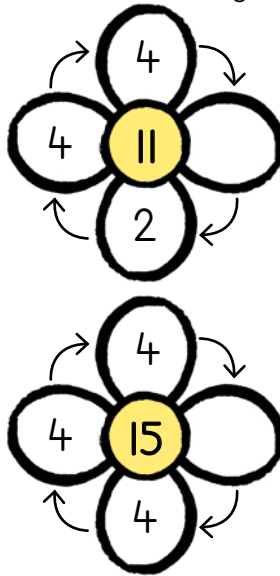
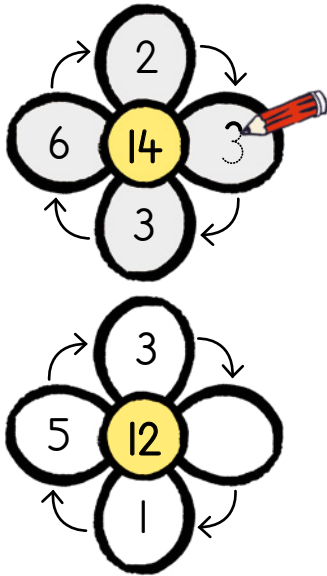
6	5	4		3	9		
$\underline{\hspace{2cm}}$	$+$	$\underline{\hspace{2cm}}$	$+$	$\underline{\hspace{2cm}}$	$=$	$\underline{\hspace{2cm}}$	$\underline{\hspace{2cm}}$

3	8	3		7	5		
$\underline{\hspace{2cm}}$	$+$	$\underline{\hspace{2cm}}$	$+$	$\underline{\hspace{2cm}}$	$=$	$\underline{\hspace{2cm}}$	$\underline{\hspace{2cm}}$

3 Ngwala dipalo tšeo di tlogo pele ga tše. Write the number that comes before.	Ngwala dipalo tšeo di tlogo morago ga tše. Write the number that comes after.
____ 22 ____ 45 ____ 69 ____ 88	30 ____ 55 ____ 79 ____ 99 ____

4 Hwetša palo yeo e tlogetšwego. Palo yeo e lego gare ke palomoka.

The number in the middle is the total. Find the missing number.



5 Rarolla o be o khalare.

Solve and colour.

$13 - 0 = \underline{\quad}$ 		$17 - \underline{\quad} = 7$	
$11 - 8 = \underline{\quad}$		$15 - 3 = \underline{\quad}$	
$19 - \underline{\quad} = 10$		$12 - \underline{\quad} = 7$	
$11 - 9 = \underline{\quad}$		$16 - 8 = \underline{\quad}$	
$14 - 3 = \underline{\quad}$		$12 - \underline{\quad} = 8$	
$16 - \underline{\quad} = 9$		$14 - \underline{\quad} = 8$	



MMETSE
WA HLOGO
MENTAL MATHS

GO BALA
KA GO TSHELA
SKIP COUNTING

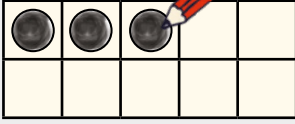
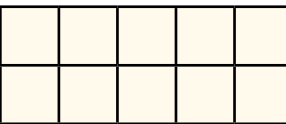
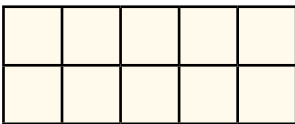
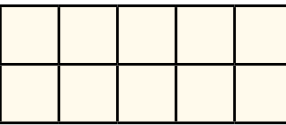
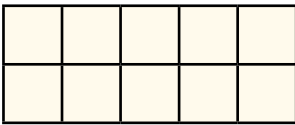
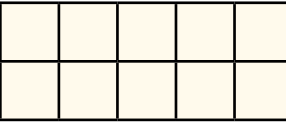
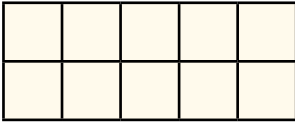
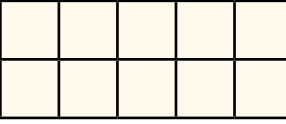
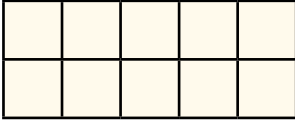
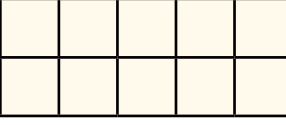
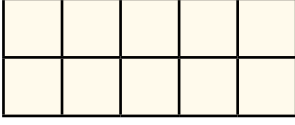
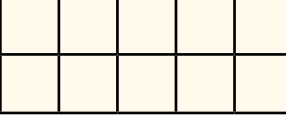
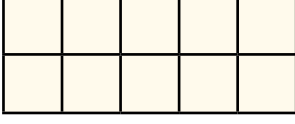
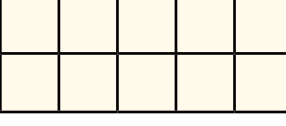
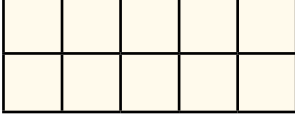
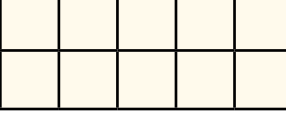
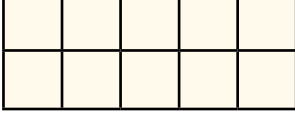
PAPADI
GAME

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

MATLAKALATŠHOMELO
WORKSHEETS

1 Ngwala lefokopalo o be o khalare dipoloko go bontšha dipalo.

Write a number sentence and draw dots in the ten frames to show the numbers.

13	 $10 + 3$	 
16	 $10 + 6$	 
11		 
15		 
19		 
12		 
17		 
14		 
18		 
20		 

2 Bala o eya pele.

Count forwards.

33	34	35	36						42
----	----	----	----	--	--	--	--	--	----

78	79								
----	----	--	--	--	--	--	--	--	--

20	22	24	26						
----	----	----	----	--	--	--	--	--	--

3 Bala o boela morago.

Count backwards.

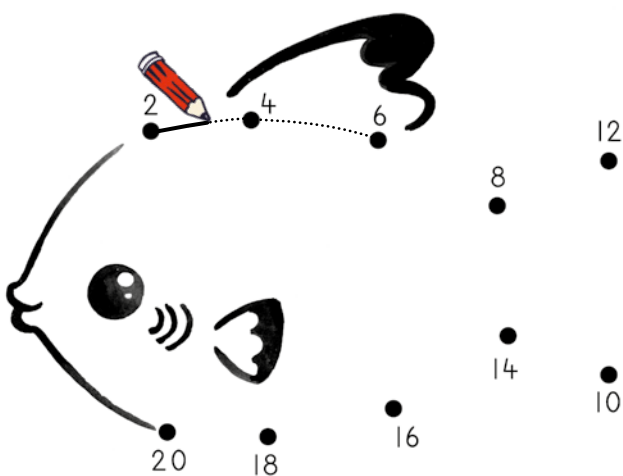
50	49	48	47						
----	----	----	----	--	--	--	--	--	--

26	25								
----	----	--	--	--	--	--	--	--	--

42	40	38	36						
----	----	----	----	--	--	--	--	--	--

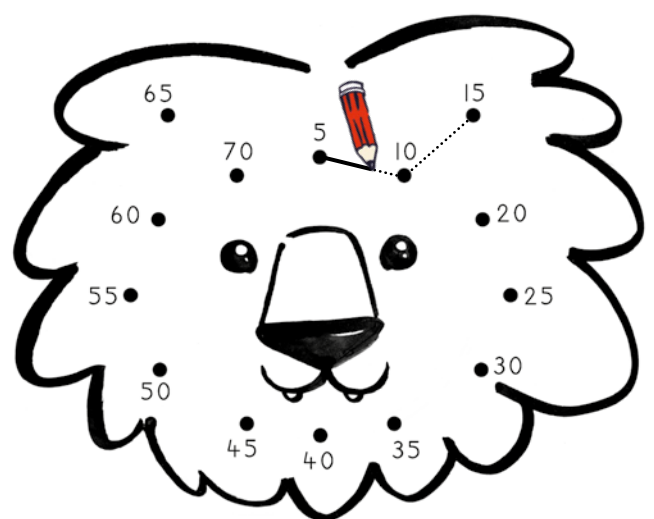
4 Kopantšha marontho ka go bala ka bo2.

Join the dots by counting in 2s.



5 Kopantšha marontho ka go bala ka bo5.

Join the dots by counting in 5s.



MMETSE
WA HLOGO
MENTAL MATHS

GO BALA
KA GO TSHELA
SKIP COUNTING

PAPADI
GAME

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

MATLAKALATŠHOMELO
WORKSHEETS

I Feleletša paterone. Swaya mapokisi a maleba.

Complete the pattern. Tick the correct boxes.

34	36	38	40	42	44	46	48	50	52
----	----	----	----	----	----	----	----	----	----

Bala o eya pele

Count forwards

Bala o boela morago

Count backwards

ka bol

in 1s

ka bo2

in 2s

ka bo5

in 5s

71	70	69	68	67	66	65	64	63	62
----	----	----	----	----	----	----	----	----	----

Bala o eya pele

Count forwards

Bala o boela morago

Count backwards

ka bol

in 1s

ka bo2

in 2s

ka bo5

in 5s

45	50								90
----	----	--	--	--	--	--	--	--	----

Bala o eya pele

Count forwards

Bala o boela morago

Count backwards

ka bol

in 1s

ka bo2

in 2s

ka bo5

in 5s

10		30		50					
----	--	----	--	----	--	--	--	--	--

Bala o eya pele

Count forwards

Bala o boela morago

Count backwards

ka bol

in 1s

ka bo2

in 2s

ka ma10

in 10s

2 Khalara dipalo tše godimo ga tšhate ya 100.

Colour these numbers on the 100 square.

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

Talamorogo go yeo e lego
godimo ka 10 go feta 5

10 more than 5

Talamorogo go yeo e lego
tlase ka 5 go 50

5 less than 50

Talamorogo go yeo e lego
godimo ka 4 go feta 20

4 more than 20

Talamorogo go yeo e tlogo
ka morago ga 41

comes after 41

Talaleratadima go yeo e lego
godimo ka 10 go feta 66

10 more than 66

Talaleratadima go pedifatšo
ya 8

double 8

Talaleratadima go yeo e lego
godimo ka 2 go feta 54

2 more than 54

Khubedu go yeo e lego tlase
ka 10 go 71

10 less than 71

Khubedu go yeo e lego
magareng ga 86 le 88

in between 86 and 88

Talaleratadima go yeo e tlogo
ka morago ga 25

comes after 25

Khubedu go yeo e lego godimo
ka 3 go feta 80

3 more than 80

Talamorogo go yeo e lego
godimo ka 10 go feta 23

10 more than 23

Khubedu go yeo e tlogo pele
ga 80

comes before 80

Khubedu go yeo e lego tlase
ka 2 go 90

2 less than 90

Talaleratadima go yeo e lego
magareng ga 35 le 37

in between 35 and 37

Khubedu go yeo e lego tlase
ka 10 go 96

10 less than 96

MMETSE
WA HLOGO
MENTAL MATHS

GO BALA
KA GO TSHELA
SKIP COUNTING

PAPADI
GAME

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

MATLAKALATŠHOMELO
WORKSHEETS

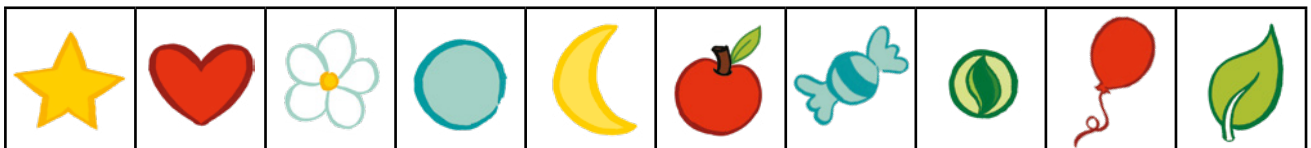
1 Nyalantšha.

Match.

Mothalophetšo
Finishing line

bo2 2 nd	bo7 7 th	bo4 4 th	bo10 10 th	bo1 1 st	bo3 3 rd	bo8 8 th	bo9 9 th	bo6 6 th	bo5 5 th
------------------------	------------------------	------------------------	--------------------------	------------------------	------------------------	------------------------	------------------------	------------------------	------------------------

2



Thala sebopego seo e lego sa ...

Draw the shape that is ...

mathomo 1 st		bošupa seventh	
bosenyane ninth		bo3 3 rd	
bo6 6 th		bo5 5 th	
bone fourth		bo8 8 th	
bo10 10 th		bobedi second	
pele ga before		morago ga after	

3

Thala sediko go kolobe ya botshelela go tloga go la ngele.

Circle the sixth pig from the left.



Thala sediko go segwagwa sa bosenyane go tloga go la go ja.

Circle the ninth frog from the right.



Thala sediko go legotlo la boraro go tloga go la go ja.

Circle the third mouse from the right.



Thala sediko go mmutla wa bohlano go tloga go la ngele.

Circle the fifth rabbit from the left.



Thala sediko go katse ya mathomo go tloga go la ngele.

Circle the first cat from the left.



Thala sediko go maribiši a ma4 go tloga go la go ja.

Circle 4 owls, starting from the right.



Thala sediko go dirurubele tše 7 go tloga go la ngele.

Circle 7 butterflies, starting from the left.



Thala sediko go dithutlwa tše 2 go tloga go la go ja.

Circle 2 giraffes, starting from the right.



Thala sediko go maganse a ma4 go tloga go la go ja.

Circle 4 swans, starting from the right.



Thala sediko go ditau tše 8 go tloga go la ngele.

Circle 8 lions, starting from the left.



MMETSE
WA HLOGO
MENTAL MATHS

GO BALA
KA GO TSHELA
SKIP COUNTING

PAPADI
GAME

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

LETLAKALATŠHOMELO
WORKSHEET

Papadi: Bingo Game: Bingo

Tswalela mahlo a gago o šupe palo godimo ga tšhate ya 100. Khupetša palo yeo ka sebaledi ge e le gore o na le yona godimo ga poroto ya gago ya Bingo. Ge go se na yoo a nago le palo yeo, dumelela moraloki wa 2 a kgethe palo ye nngwe.

Close your eyes and point to a number on the 100 square. Cover that number with a counter if you have it on your Bingo board. If neither of you has the number, let Player 2 choose another number.

1

54

Nka khupetša 54!
I can cover 54!

Ibhodi ye Bhingo 3
Bingo board 3

43	15	47
54	6	28
31	67	84

Ibhodi ye Bhingo 2
Bingo board 2

51	48	23
88	62	15
1	35	74

2

Ga ke na 54 godimo ga poroto ya ka.
I don't have 54 on my board.

Le nna ke na le 15 godimo ga poroto ya ka.
I also have 15 on my board.

Nka khupetša 15!
I can cover 15!

Ibhodi ye Bhingo 3
Bingo board 3

43	15	47
54	6	28
31	67	84

Ibhodi ye Bhingo 2
Bingo board 2

51	48	23
88	62	15
1	35	74

3

15

Ibhodi ye Bhingo 3
Bingo board 3

43	15	47
54	6	28
31	67	84

Ibhodi ye Bhingo 2
Bingo board 2

51	48	23
88	62	15
1	35	74

4

Ibhodi ye Bhingo 3
Bingo board 3

43	15	47
54	6	28
31	67	84

Ibhodi ye Bhingo 2
Bingo board 2

51	48	23
88	62	15
1	35	74

Motho wa mathomo wa go khupetša dipalo ka moka godimo ga poroto ya Bingo ya gagwe ke mofenyi.

The first person to cover all the numbers on their Bingo board is the winner.

Poroto ya Bingo 1

Bingo board 1

33	2	42
64	58	99
14	76	27

Poroto ya Bingo 2

Bingo board 2

51	48	23
88	62	15
1	35	74

Poroto ya Bingo 3

Bingo board 3

93	15	47
54	6	28
31	67	84

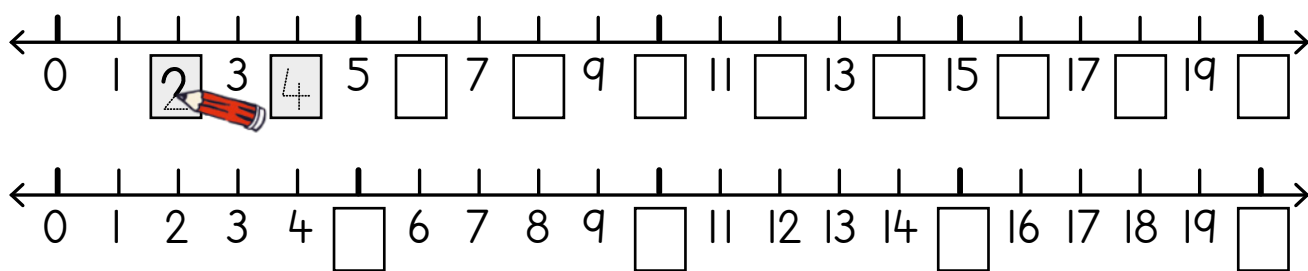
Poroto ya Bingo 4

Bingo board 4

39	64	4
76	91	42
21	53	19

1 Tlatša dipalo tšeo di tlogetšwego mo methalopalong.

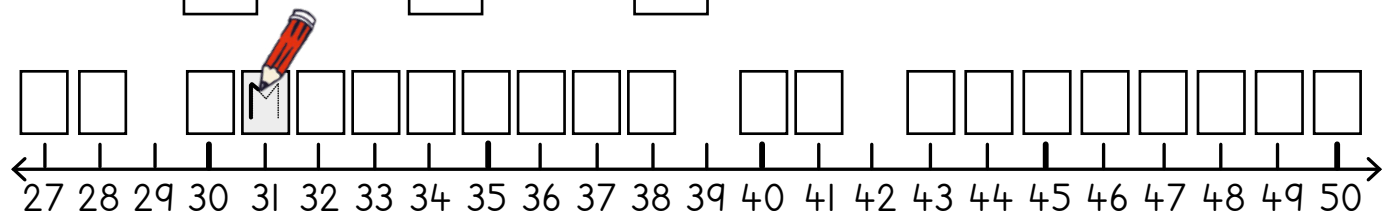
Fill in the missing numbers on the number lines.



2 Tlatša dipalo mothalopalong o be o ngwale ditlhaka tšeo di tlogetšwego.

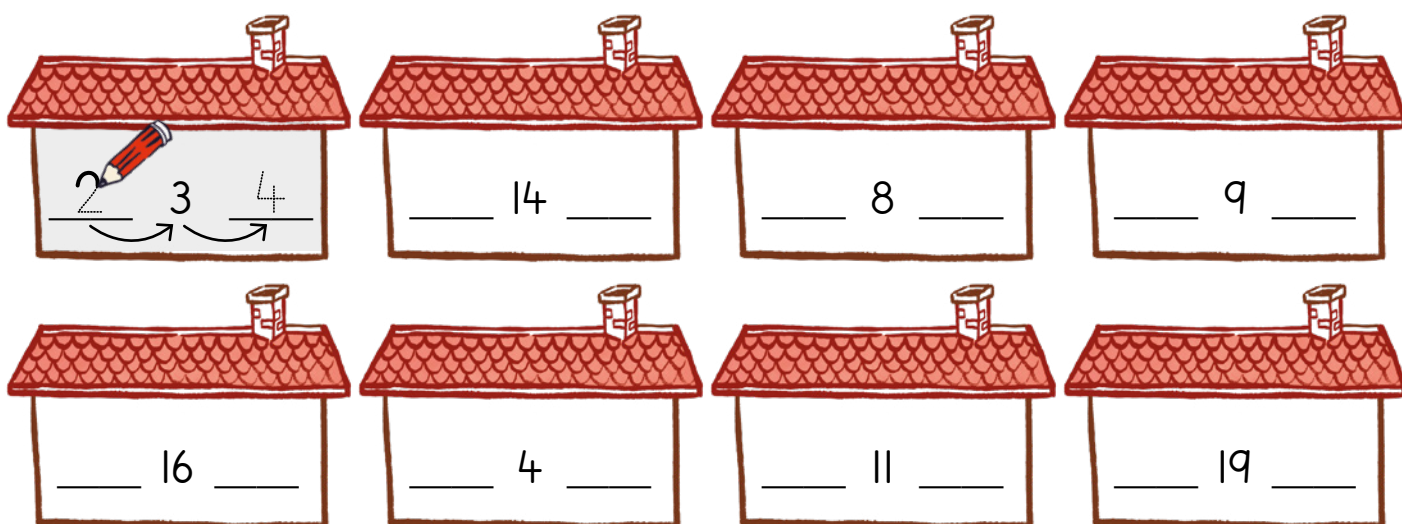
Write the correct letters above the correct numbers on the number line.

31 → M	30 → A	32 → O	27 → L	33 → G	37 → W
36 → Š	35 → T	34 → E	43 → S	28 → E	38 → E
40 → M	45 → K	47 → P	44 → E	41 → O	49 → N
48 → E	50 → G	46 → E			



3 Ngwala palo yeo e tlogo pele le morago ga palo yeo e filwego.

Write the number that comes **before** and **after**.



1 Thala sediko go mmutla wa bone go tloga go la go ja.
Circle the fourth rabbit from the right.



Thala sediko go legotlo la bobedi go tloga go la ngele.
Circle the second mouse from the left.



Thala sediko go mapedibidi, o thome go la go ja.
Circle 3 swans, starting from the right.



Thala sediko go ditau tše tshela go tloga go la ngele.
Circle 6 lions, starting from the left.



Thala sediko go leribiši la mathomo go tloga go la go ja.
Circle the first owl from the right.



2 Bala o eya pele.

Count forwards.

53	54			57					62
56			62	64				72	

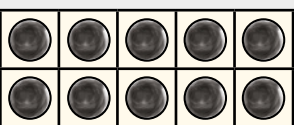
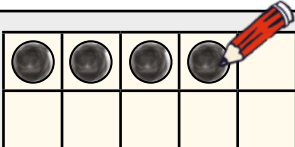
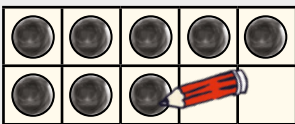
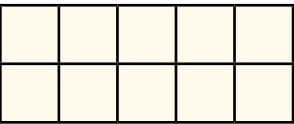
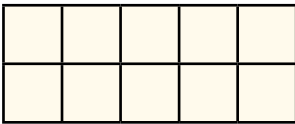
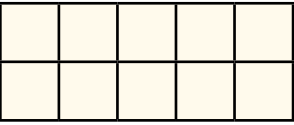
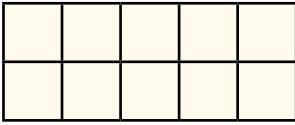
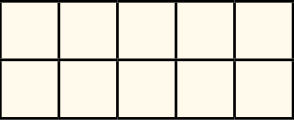
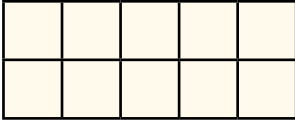
3 Bala o boela morago.

Count backwards.

44	43	42							
72	71			68					

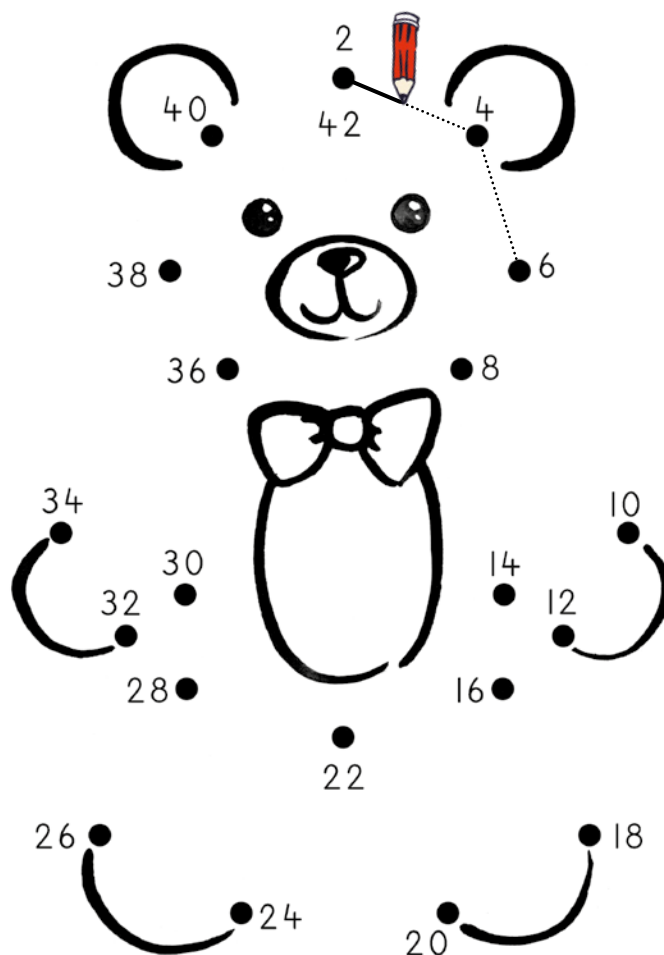
4 Ngwala lefokopalo o be o khalare dipoloko go bontšha dipalo.

Write the number sentence and draw dots in the ten frames to show the numbers.

14	 $10 + 4$	 
18	 $10 + 8$	 
16		 
11		 
20		 

5 Bala ka bo2 gore o feleletše seswantšho.

Count in 2s to complete the picture.



MMETSE
WA HLOGO
MENTAL MATHS

1, 2, 3 BONTŠHA
1, 2, 3 SHOW

PAPADI
GAME

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

MATLAKALATŠHOMELO
WORKSHEETS

1 Khalara dikhoine tše.

Colour in the coins.

Dikhoine tša R1 R1 coins	Dikhoine tša R2 R2 coins	Dikhoine tša R5 R5 coins
		

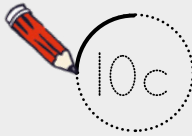
2 Thala mothalo o nyalanye tekano ya tšhelete le seswantšho sa yona.

Draw a line from the amount of money to the matching picture.

R10	
50c	
R5	
R1	
20c	

3 Thala dikhoine tša go dira tekano ya ditšhelete tšeo di filwego.

Draw coins to make the amounts.

	20c	 
	30c	 
	40c	
	50c	
	50c	
	R5	
	R10	

MMETSE
WA HLOGO
MENTAL MATHS

1, 2, 3 BONTŠHA
1, 2, 3 SHOW

PAPADI
GAME

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

MATLAKALATŠHOMELO
WORKSHEETS

I Thala dikhoine tšeo o ka di šomišago go dira tekano ya ditšhelete tše.

Draw coins to make up these amounts.

30c	 10c 10c 10c	 20c 10c	
40c			
60c			
80c			
R7	 R2 R1 R2 R2	 R2 R5	 R1 R1 R1 R1 R1 R1 R1
R3			
R16			

2 Na go na le bokae?

How much money is there?

 +  =  <u>R2</u>	 +  =  <u>R10</u>
 +  = _____	 +  = _____
 +  = _____	 +  = _____
 +  +  = _____	 +  +  = _____
 +  +  +  = _____	
 +  +  = _____	

3 Swaya go bontšha boleng bja go swana.

Tick to show the same amount.

	 ☐  ☐  ☒  ☐  ☐  ☐
	 ☐  ☐  ☒  ☐  ☐
	 ☐  ☐  ☐
	 ☐  ☐  ☐

MMETSE
WA HLOGO
MENTAL MATHS

1, 2, 3 BONTŠHA
1, 2, 3 SHOW

PAPADI
GAME

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

MATLAKALATŠHOMELO
WORKSHEETS

I Na o tla lefela bokae?

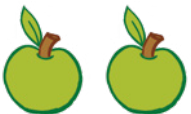
How much will you pay?

O reka You buy	O lefela You pay
 R10  R5	 $R10 + R5 = R15$
 R7  R10	
 R7  R10	
 R8  R3	
 R12  R7	
 R5  R5  R5	

2 Šomiša lenaneo la ditheko go balela tšhentšhi ge o lefela ka R10.

Use the price list to work out the change if you pay with R10.

	50c		R2
	R5		R1

	O lefela You pay	Tšhentšhi Change
	 $R1 + R2 = R3$	 $R10 - R3 = R7$
	_____	_____
	_____	_____

3 Ke reka apole ya R2, namune ya R2 le juse ya R6. Na ke swanetše go lefela bokae?

I buy an apple for R2, an orange for R2 and juice for R6. How much must I pay?



_____ + _____ + _____ = _____

Ke na le R15, sesi wa ka o na le R5. Buti wa ka o na le R1. Na tšhelete ya rena ke bokae ge e hlakane ka moka?

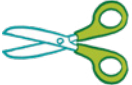
I have R15 and my sister has R5. My brother has R1. How much money do we have altogether?



_____ + _____ + _____ = _____

I Na o šalelwa ke bokae ge o lefela ka R20?

How much change will you get if you pay with R20?

O reka You buy	Tšhentšhi Change
 R5 +  R7 =  R12	 R20 - R12 = R8
 R10 +  R3 = _____	R20 - _____ = _____
 R8 +  R7 = _____	R20 - _____ = _____
 R10 +  R5 = _____	R20 - _____ = _____
 R15 +  R3 = _____	R20 - _____ = _____
 R12 +  R8 = _____	R20 - _____ = _____
 R13 +  R7 = _____	R20 - _____ = _____

2 Na ke šaletšwe ke bokae?

How much money do I have left over?

Ke na le R10. Ke reka juse ya R7.

I have R10. I buy juice for R7.

_____ - _____ = _____



Ke na le R15. Ke reka namune ya R4.

I have R15. I buy an orange for R4.

_____ - _____ = _____



3

	Ke bokae? What is the cost?	Tšhentšhi ke bokae? How much change?
Ke na le R20. Ke reka sebakadišane sa R6 le puku ya R5. I have R20. I buy a toy for R6 and a book for R5. 	R6 + R5 = R11	R20 - R11 = R9
Ke na le R14. Ke reka puku ya R5 le paluni ya R4. I have R14. I buy a book for R5 and a balloon for R4. 		
Ke na le R17. Ke reka kgwele ya R4 le paluni ya R4. I have R17. I buy a ball for R4 and a balloon for R4. 		

LETLAKALATŠHOMELO
WORKSHEET

LETLAKALATŠHOMELO
WORKSHEET

1 Na go na le bokae?

How much money is there?

 +  +  = _____	 +  +  = _____
 +  = _____	 +  = _____
 +  +  +  +  = _____	
 +  +  +  = _____	

2 Rarolla marara ka go ngwala lefokopalo.

Solve the problem by writing the number sentence.

Ke na le R12, sesi wa ka o na le R8. Buti wa ka o na le R3.
Na re na le bokae ka moka ge e hlakana?

I have R12 and my sister has R8. My brother has R3. How much money do we have altogether?



_____ + _____ + _____ = _____

Ke reka apola ya R7, namune ya R6 le juse ya R10. Na ke swanetše go lefela bokae?

I buy an apple for R7, an orange for R6 and juice for R10. How much must I pay?



_____ + _____ + _____ = _____

3

Sipho o na le R10. O reka mafela a R7. Na o swanetše go hwetša tšhentšhi ya bokae?

Sipho has R10. He buys mealies for R7. How much change must he get?



Ngwala lefokopalo.

Write the number sentence.

4

O na le R10.

You have R10.

O lefela

You pay

Tšhentšhi

Change



R4



R5

___ + ___ = ___

___ - ___ = ___



R7



R2



R5



R1

5

Hlakantšha.

Add.



R5



R10

R5 + R10 = ___



R2



R1

R2 + R1 = ___



R10



R5

R10 + R5 = ___



R5



R5

R5 + R5 = ___



R3



R2

R3 + R2 = ___



R5



R10

R5 + R10 = ___



R5



R5

R5 + R5 = ___



R3



R2

R3 + R2 = ___

MMETSE
WA HLOGO
MENTAL MATHS

GO PEDIFATŠA
DOUBLING

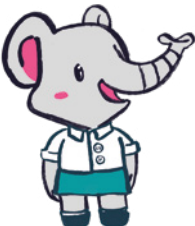
PAPADI
GAME

KGODIŠO YA KGOPOLO
CONCEPT DEVELOPMENT

MATLAKALATŠHOMELO
WORKSHEETS

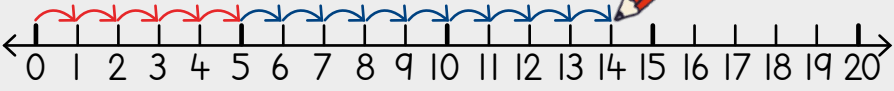
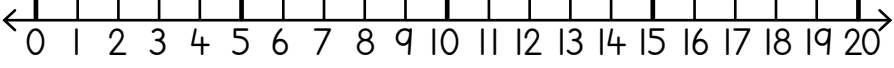
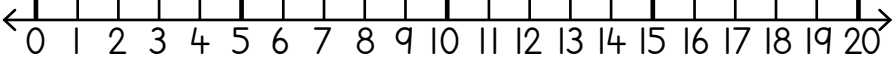
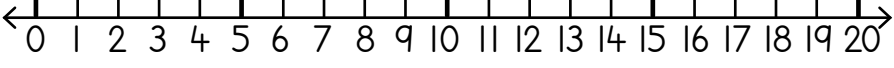
I Feleletša tafola. Ngwala mafokopalo a mane a go fapafapana ka tafola ye nngwe le ye nngwe ya dipalo.

Complete the table. Write four different number sentences.

 <table border="1" data-bbox="312 566 544 730"> <tr> <td colspan="2">16</td> </tr> <tr> <td>7</td> <td>9</td> </tr> </table>	16		7	9	 $\underline{7} + \underline{9} = \underline{16}$ $\underline{9} + \underline{7} = \underline{16}$	 $\underline{16} - \underline{9} = \underline{7}$ $\underline{16} - \underline{7} = \underline{9}$
16						
7	9					
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5	8					
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11						
	7					
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8	9					
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6	8					

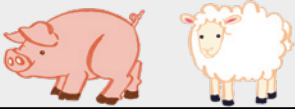
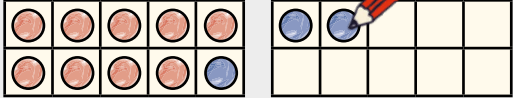
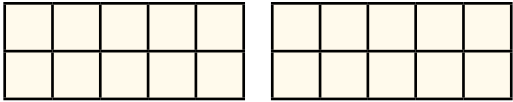
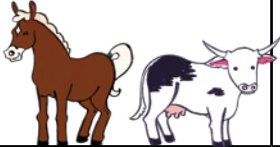
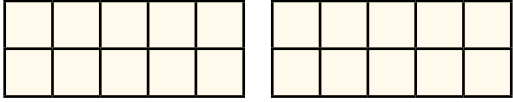
2 Hlakantšha o be o ntšhe.

Add and subtract.

 $6 + 7 = 13$	 $5 + 9 = 14$
 $17 - 9 = \underline{\quad}$	 $14 - 6 = \underline{\quad}$
 $8 + \underline{\quad} = 12$	 $9 + \underline{\quad} = 18$
 $15 - \underline{\quad} = 8$	 $11 - \underline{\quad} = 4$

3 Rarolla marara a.

Solve the problems.

Go na le dikolobe tše 9 le dinku tše 3. Na go na le diphoofole tše kae? There are 9 pigs and 3 sheep. How many animals are there? 	 $9 + 3 = 12$
Go na le dikgogo tše 6 le mebutla ye 7 ka polaseng. Na go na le diphoofole tše kae? There are 6 chickens and 7 rabbits on the farm. How many animals are there? 	 $\underline{\quad} + \underline{\quad} = \underline{\quad}$
Go na le diphoofole tše 12, tše 4 ke dipere. Tše dingwe ka moka ke dikgomo. Na go na le dikgomo tše kae? There are 12 animals and 4 are horses. The rest are cows. How many cows are there? 	 $\underline{\quad} - \underline{\quad} = \underline{\quad}$

MMETSE
WA HLOGO
MENTAL MATHS

GO PEDIFATŠA
DOUBLING

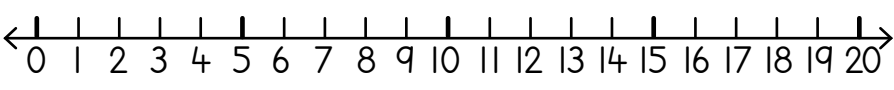
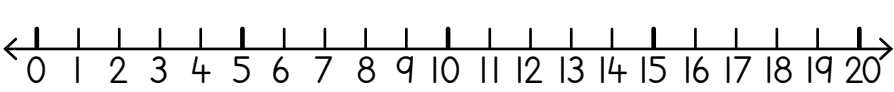
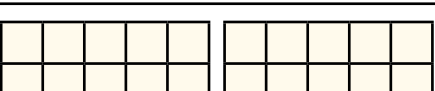
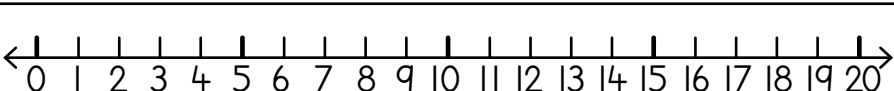
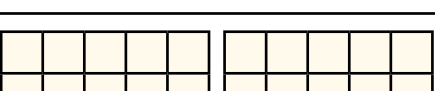
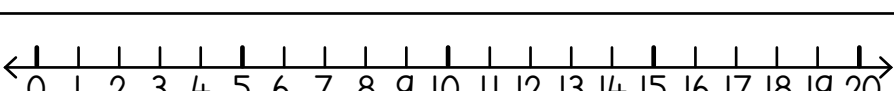
PAPADI
GAME

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

LETLAKALATŠHOMELO
WORKSHEET

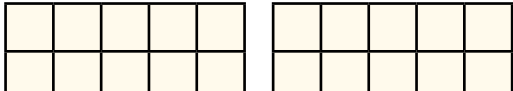
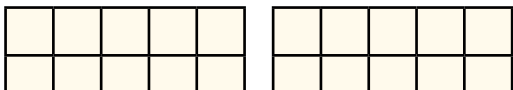
1 Hlakantšha o be o ntšhe.

Add and subtract.

 $5 + 10 = \underline{\quad}$	 $6 + 11 = \underline{\quad}$
 $20 - 8 = \underline{\quad}$	 $15 - 6 = \underline{\quad}$
 $5 + \underline{\quad} = 11$	 $9 + \underline{\quad} = 13$
 $17 - \underline{\quad} = 8$	 $12 - \underline{\quad} = 6$

2 Rarolla marara a.

Solve the problems.

Go na le maribiši a 8 le mapedibidi a 7. Na go na le dinonyana tše kae? There are 8 owls and 7 ducks. How many birds are there? 	 $\underline{\quad} + \underline{\quad} = \underline{\quad}$
Go na le matšoba a 13, a 8 ke a mapinki. A mangwe ka moka ke a makhubedu. Na ke matšoba a makae a makhubedu? There are 13 flowers. 8 flowers are pink. The rest are red. How many flowers are red? 	 $\underline{\quad} - \underline{\quad} = \underline{\quad}$

Papadi: Moswaso wa go hlakantšha

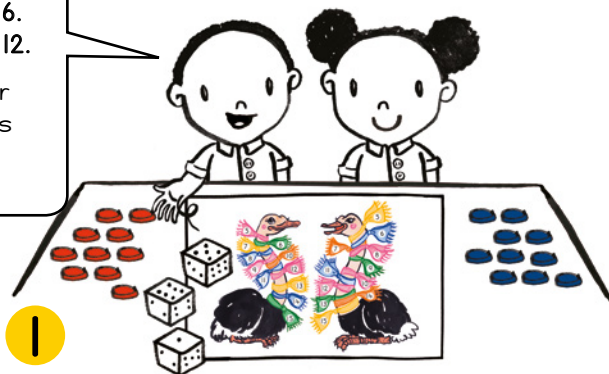
Game: Addition fun

Dira lefokopalo ka go šomiša palo yeo e bontšhitšwego godimo ga letaese. Motho wa mathomo yoo a khupetšago dipalo ka moka godimo ga mpšhe ya gagwe ke mofenyi.

Throw the dice and use the numbers to make a number sentence. Solve the number sentence. The person who covers all the numbers on their ostrich first wins.

Lefokopalo la ka
ke $1 + 5 + 6$.
Ke hwetša 12.

My number
sentence is
 $1 + 5 + 6$.
I get 12.



1

Ee! O ka khupetša 12.
Ke sebaka sa ka.

Yes! You can cover the 12.
My turn.



2

Ke hwetša $3 + 2 + 4 = 9$.

I get $3 + 2 + 4 = 9$.



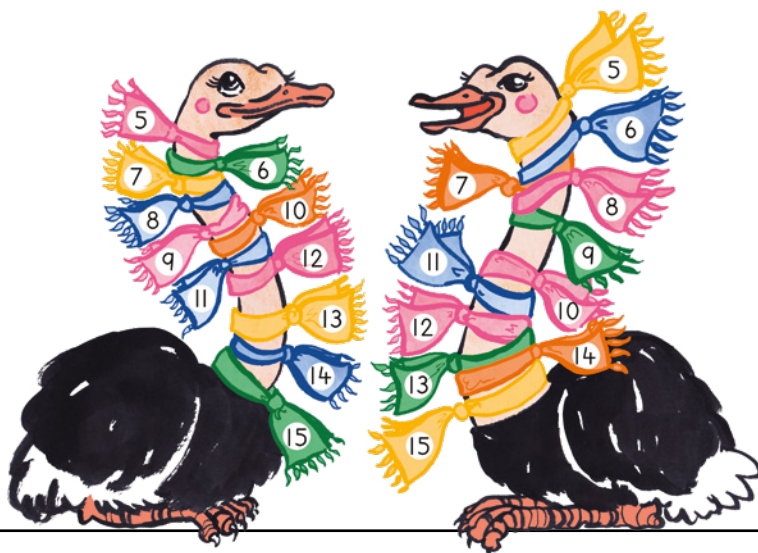
3

Ee! O ka khupetša 9.
Go raloka nna bjale.

Yes! You can cover
the 9. My turn.



4



MMETSE
WA HLOGO
MENTAL MATHS

GO PEDIFATŠA
DOUBLING

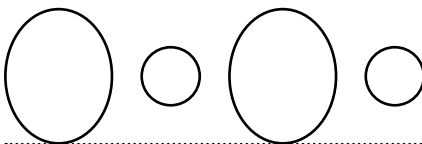
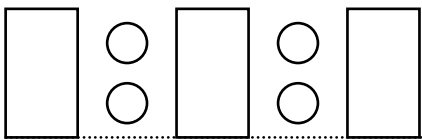
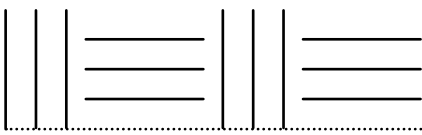
PAPADI
GAME

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

MATLAKALATŠHOMELO
WORKSHEETS

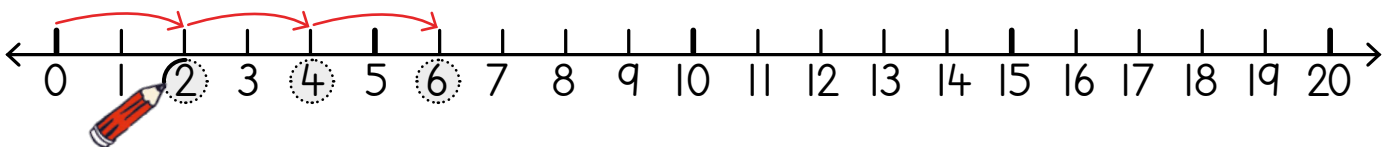
1 Tšwetša dipaterone pele.

Continue the patterns.



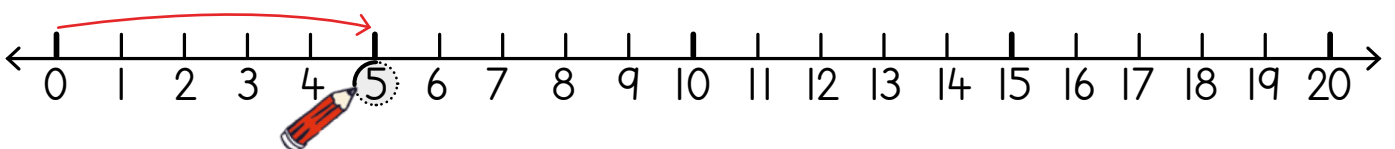
2 Bala ka bo2. Thala sediko go dipalo tšeo o di bolelago.

Count in 2s. Circle the numbers you say



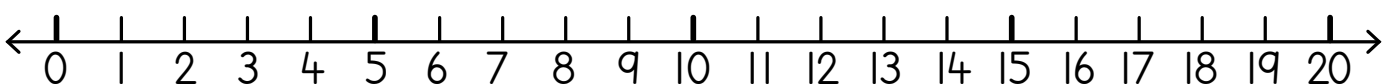
Bala ka bo5. Thala sediko go dipalo tšeo o di bolelago.

Count in 5s. Circle the numbers you say



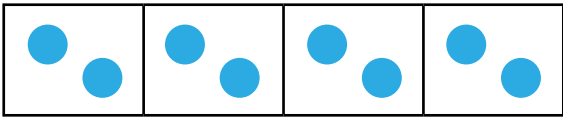
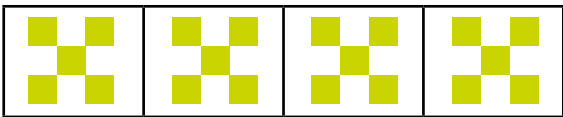
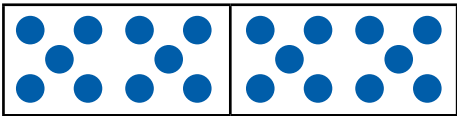
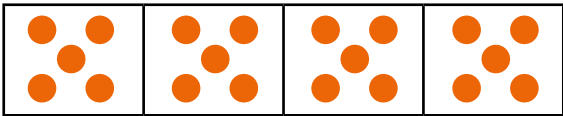
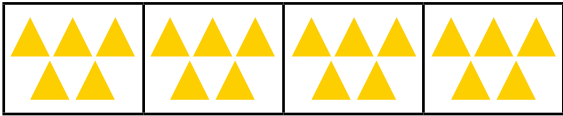
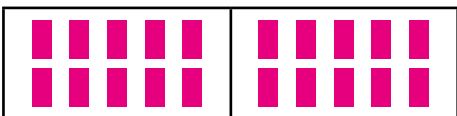
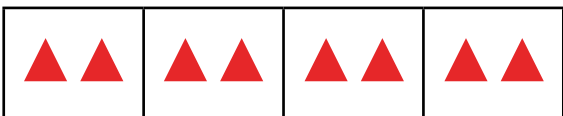
Bala ka ma10. Thala sediko go dipalo tšeo o di bolelago.

Count in 10s. Circle the numbers you say



3 Bala o be o ngwale mafokopalo.

Count and write the number sentences.

dikhutlotharo triangles   $2 + 2 + 2 = 6$	didiko circles  $___ + ___ + ___ + ___ = ___$
dikhutlonnethwi rectangles  $___ + ___ + ___ = ___$	dikhutlonne squares  $___ + ___ + ___ + ___ = ___$
didiko circles  $___ + ___ = ___$	didiko circles  $___ + ___ + ___ + ___ = ___$
dikhutlonne squares  $___ + ___ + ___ = ___$	dikhutlotharo triangles  $___ + ___ + ___ + ___ = ___$
dikhutlonnethwi rectangles  $___ + ___ = ___$	dikhutlotharo triangles  $___ + ___ + ___ + ___ = ___$

MMETSE
WA HLOGO
MENTAL MATHS

GO PEDIFATŠA
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KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

MATLAKALATŠHOMELO
WORKSHEETS

I Feleletša paterone. Swaya mapokisi a maleba.

Complete the pattern. Tick the correct boxes.

72	74	 76	78		82				90
----	----	--	----	--	----	--	--	--	----

Bala o eya pele Count forwards						Bala o boela morago Count backwards				
ka bol in 1s			ka bo2 in 2s				ka bo5 in 5s			

29		27					22		
----	--	----	--	--	--	--	----	--	--

Bala o eya pele Count forwards						Bala o boela morago Count backwards				
ka bol in 1s			ka bo2 in 2s				ka bo5 in 5s			

15		25					50		
----	--	----	--	--	--	--	----	--	--

Bala o eya pele Count forwards						Bala o boela morago Count backwards				
ka bol in 1s			ka bo2 in 2s				ka bo5 in 5s			

		30		50		70			
--	--	----	--	----	--	----	--	--	--

Bala o eya pele Count forwards						Bala o boela morago Count backwards				
ka bol in 1s			ka bo2 in 2s				ka mal0 in 10s			

2 Feleletša paterone. Swaya mapokisi a maleba.

Complete the pattern. Tick the correct boxes.

48	50	52	54	56	58	60	62	64	66
----	----	----	----	----	----	----	----	----	----

Bala o eya pele Count forwards					Bala o boela morago Count backwards				
ka bol		ka bo2		ka bo5					
in 1s		in 2s		in 5s					

13		15							22
----	--	----	--	--	--	--	--	--	----

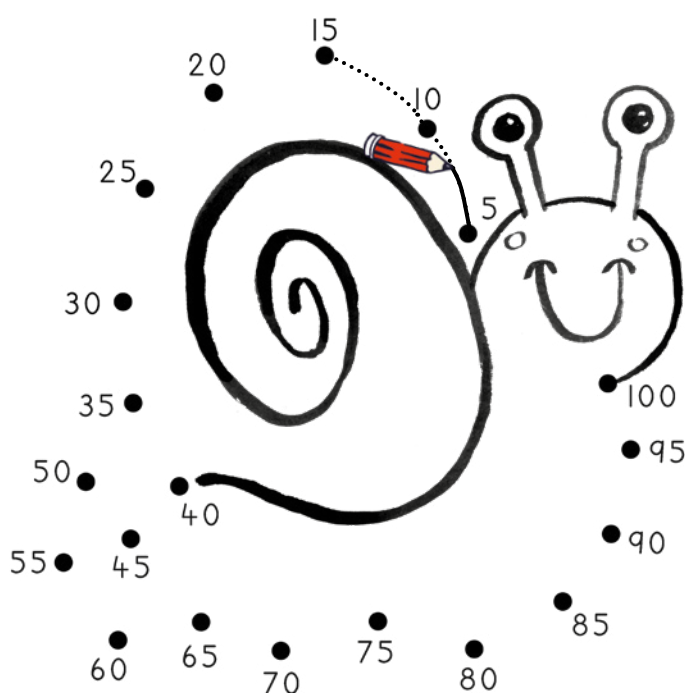
Bala o eya pele Count forwards					Bala o boela morago Count backwards				
ka bol		ka bo2		ka bo5					
in 1s		in 2s		in 5s					

		40	45			60			
--	--	----	----	--	--	----	--	--	--

Bala o eya pele Count forwards					Bala o boela morago Count backwards				
ka bol		ka bo2		ka bo5					
in 1s		in 2s		in 5s					

3 Kopantšha marontho ka go bala ka bo5.

Join the dots by counting in 5s.



1 Lebelela kerafo ya diswantšho ya palo ya dimabole tšeo di badilwego ka mokotleng. E ahlaahle le mogwera wa gago.

Study the pictograph about the number of marbles that have been counted in a bag. Discuss it with your partner.

Senotlelo

Key



= 1

Mebala ya dimabole
Marble colours

khubedu red	serolana yellow	talamorogo green	talaleratadima blue	tšhweu white

2 Feleletša paterone. Swaya mapokisi a maleba.

Complete the patterns. Tick the correct boxes.

	40	45	50					75	
--	----	----	----	--	--	--	--	----	--

Bala o eya pele Count forwards					Bala o boela morago Count backwards				
ka bol in 1s			ka bo2 in 2s			ka bo5 in 5s			

46	44			38	36	34			
----	----	--	--	----	----	----	--	--	--

Bala o eya pele Count forwards					Bala o boela morago Count backwards				
ka bol in 1s			ka bo2 in 2s			ka bo5 in 5s			

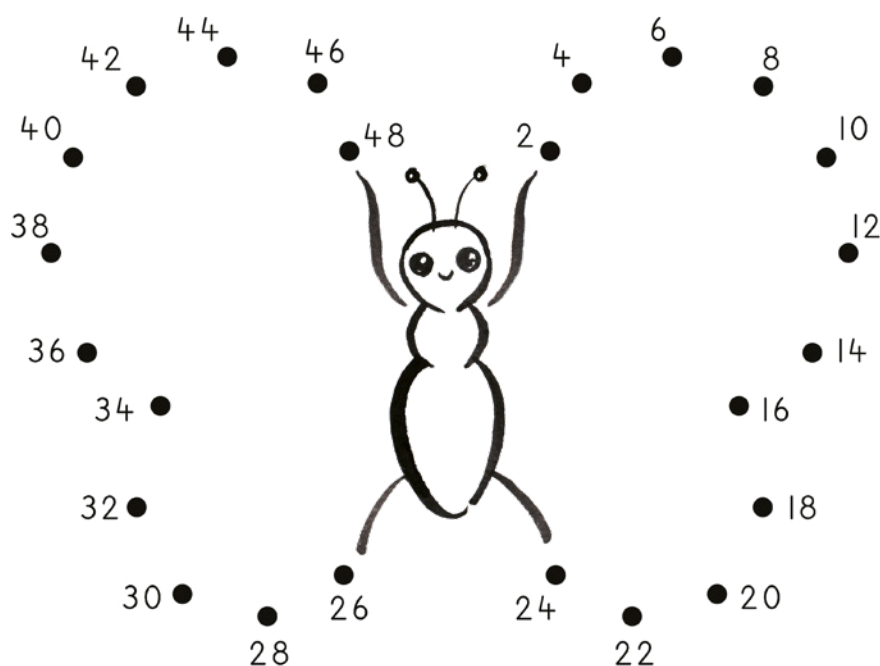
3 Feleletša tafola. Ngwala mafokopalo a mane a go fapafapana ka tafola ye nngwe le ye nngwe ya dipalo.

Complete the table. Write four different number sentences.

 <table border="1" data-bbox="327 338 558 506"> <tr> <td colspan="2">12</td> </tr> <tr> <td>5</td> <td></td> </tr> </table>	12		5		$\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$	$\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$
12						
5						
 <table border="1" data-bbox="327 598 558 766"> <tr> <td colspan="2"></td> </tr> <tr> <td>4</td> <td>7</td> </tr> </table>			4	7	$\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$	$\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$
4	7					
 <table border="1" data-bbox="327 860 558 1028"> <tr> <td colspan="2">14</td> </tr> <tr> <td></td> <td>8</td> </tr> </table>	14			8	$\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$	$\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$
14						
	8					
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9	8					

4 Kopantšha marontho ka go bala ka bo2.

Count in 2s and join the dots.



MMETSE
WA HLOGO
MENTAL MATHS

MEŠONGWANA
YA NAKO
TIME ACTIVITIES

PAPADI
GAME

KGODIŠO YA KGOPOL
CONCEPT DEVELOPMENT

MATLAKALATŠHOMELO
WORKSHEETS

I Lebelela diswantšho. Na ke mosegare goba ke bošego?
Swaya lepokisi o be o latiše lentšu.

Look at the pictures. Is it day or night? Tick the box and trace the word.



mosegare bošego
day night

mosegare bošego
day night



mosegare bošego
day night

mosegare bošego
day night



mosegare bošego
day night

mosegare bošego
day night

2 Thala selo seo:

Draw something:

o se dirilego maabane.
you did yesterday.

o se dirago lehono.
you are doing today.

o tlogo go se dira gosasa.
you will do tomorrow.

I Latišiša dikgwedi tša ngwaga. Khalara kgwedi ya matswalo a gago.

Trace the months of the year. Colour in your birthday month.

Pherekong January		Dibokwane February	
Hlakola March		Moranang April	
Mopitlo May		Phupu June	
Mosegamanye July		Phato August	
Lewedi September		Diphalane October	
Dibatsela November		Manthole December	

2 Latišiša matšatši a beke. Boledišana le mogwera wa gago ka seo bana ba se dirago letšatši le lengwe le le lengwe.

Trace the days of the week. Talk to your friend about what the children are doing.

Mošupologo
Monday



Labobedi
Tuesday



Laboraro
Wednesday



Labone
Thursday



Labohlano
Friday



Mokibelo
Saturday



Lamorena
Sunday



MMETSE
WA HLOGO
MENTAL MATHS

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CONCEPT DEVELOPMENT

MATLAKALATŠHOMELO
WORKSHEETS

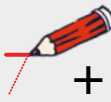
I Rarolla mararantšu.

Solve the word problems.

10 dikhutlonne 10 squares 3 dikhutlotharo 3 triangles	13 103 10 + 3 = 13
Ke dibopego tše kae? How many shapes are there?	
Go na le dinose tše 4 ka serapeng le dikgopa tše 7. Na go na le dikhunkhwane tše kae ka serapeng? There are 4 bees and 7 snails in the garden. How many creatures are there in the garden?	+ =
Go na le dikgopa tše 6 ka serapeng. Go na le ditšhošane tše 5 ka serapeng. Na go na le dikhunkhwane tše kae ka serapeng? There are 6 snails and 5 ants in the garden. How many creatures are there in the garden?	+ =
Go na le dinose tše 13 ka serapeng. Tše 7 di a fofa. Na go šetše dinose tše kae? There are 13 bees in the garden. 7 fly away. How many bees are left?	- =
Go na le dikgopa tše 16 ka serapeng. Go na le dinose tše 9 ka serapeng. Na phapano ke eng magareng ga palo ya dikgopa le palo ya dinose? There are 16 snails and 9 bees in the garden. What is the difference between the number of snails and the number of bees?	- =
Go na le ditšhošane tše 18 godimo ga letlakala. Ditšhošane tše 9 di ya go nyaka dijo. Na go šetše ditšhošane tše kae godimo ga letlakala? There are 18 ants on the leaf. 9 ants go to find food. How many ants are left on the leaf?	- =

2 Anegela mogwera wa gago kanegelo ya go hlakantšha ka ga dimabole. Ngwala lefokopalo.

Tell your partner an addition story about the marbles. Write the number sentence.

	Lefokopalo Number sentence
 Ke na le dimabole tšhe 7 tšhe dikhubedu le tšhe 8 tšhe ditalaleratadima. Na ke na le dimabole tšhe kae ge di hlakana ka moka? I have 7 red marbles and 8 blue marbles. How many marbles do I have altogether?	 $\underline{7} + \underline{8} = \underline{15}$
	$\underline{\quad} + \underline{\quad} = \underline{\quad}$
	$\underline{\quad} + \underline{\quad} = \underline{\quad}$
	$\underline{\quad} + \underline{\quad} = \underline{\quad}$
	$\underline{\quad} + \underline{\quad} = \underline{\quad}$

3 Anegela mogwera wa gago kanegelo ya go ntšha ka ga dimabole. Ngwala lefokopalo.

Tell your partner a subtraction story about the marbles. Write the number sentence.

	Isivakalisi manani Number sentence
 Ke be ke na le dimabole tšhe 11. Ka fa mogwera wa ka tšhe 5. Na ke šaletšwe ke dimabole tšhe kae? I had 11 marbles. I gave 5 to my friend. How many marbles do I have left?	 $\underline{11} - \underline{5} = \underline{6}$
	$\underline{\quad} - \underline{\quad} = \underline{\quad}$
	$\underline{\quad} - \underline{\quad} = \underline{\quad}$
	$\underline{\quad} - \underline{\quad} = \underline{\quad}$
	$\underline{\quad} - \underline{\quad} = \underline{\quad}$

MMETSE
WA HLOGO
MENTAL MATHS

MEŠONGWANA
YA NAKO
TIME ACTIVITIES

PAPADI
GAME

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

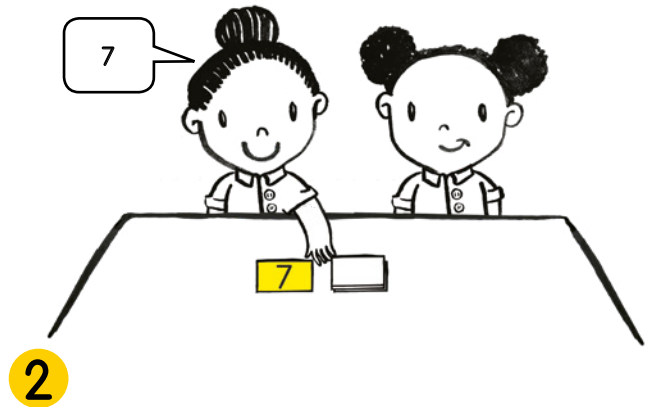
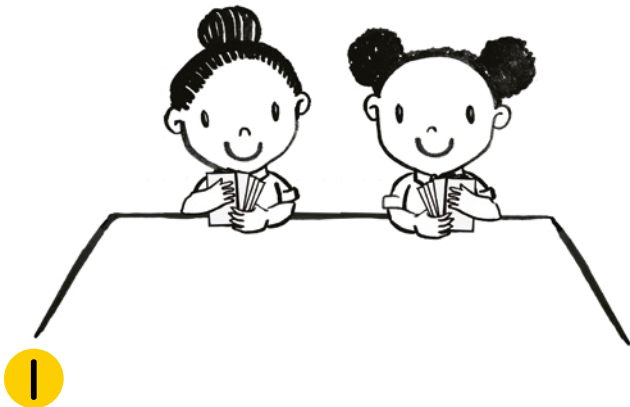
LETLAKALATŠHOMELO
WORKSHEET

Papadi: Dira palo ya ka!

Game: Make my number!

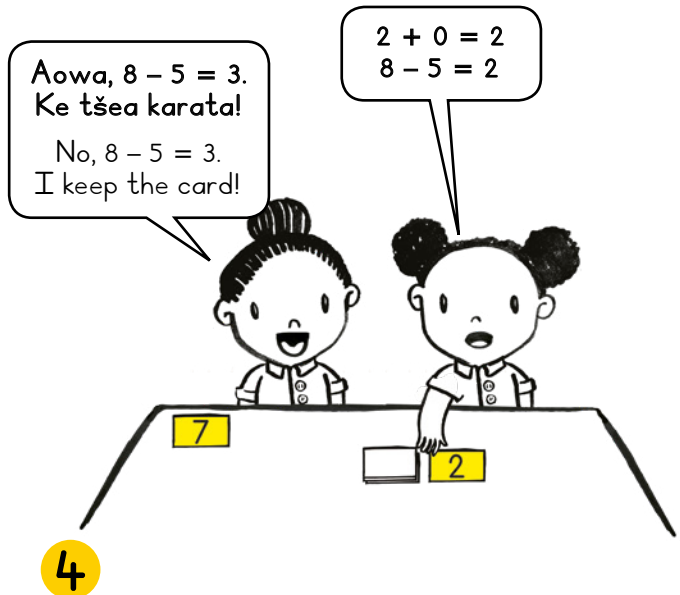
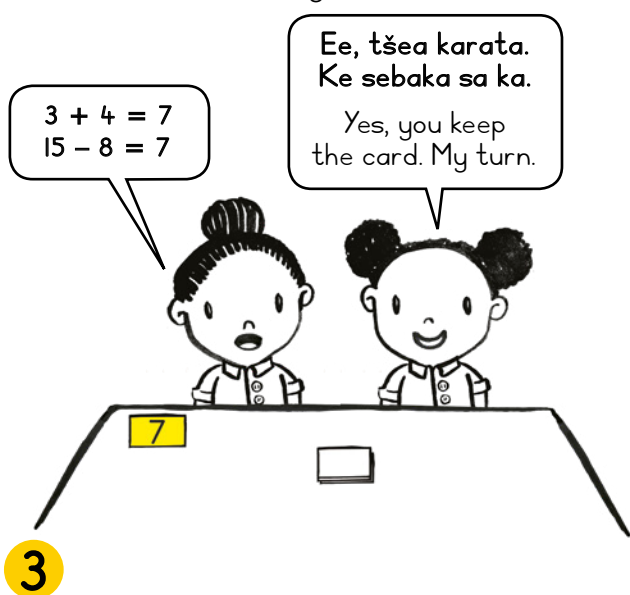
Ralokang ka dikarata tšha lena tšha dipalo tšha 0–10.

Play with your 0–10 number cards.



Ge o tšea karata, dira lefoko le tee la go hlakantšha le le le tee la go ntšha leo le lekanago le palo yeo e bontšhitšwego godimo ga karata.

When you pick up a card, make one addition sentence and one subtraction sentence that equal the number shown on your card.

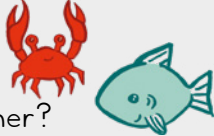
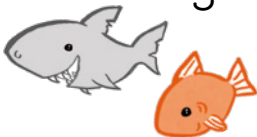
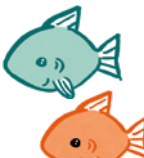


Tšwelang pele go fihlela dikarata ka moka di šomišwa. Moraloki yoo a nago le dikarata tšhe dintšhi ke mothopasefoka.

Keep going until all the cards are used. The player who kept the most cards wins.

Rarolla mararantšu. Ngwala dipalo ka gare ga tafola ya dipalo.

Solve the word problems. Write the numbers in the number table.

Go na le matlapakgerere a 11 le dihlapi tše 7 ka lewatleng. Na ke diphedi tše kae ge di hlakana ka moka? There are 11 crabs and 7 fish. How many creatures are there altogether? 	<table border="1"><tr><td colspan="2">18</td></tr><tr><td>11</td><td>7</td></tr></table>  $11 + 7 = 18$	18		11	7
18					
11	7				
Go na le dišaka tše 3 le maruarua a 9 ka lewatleng. Na ke tše kae ge di hlakana ka moka? There are 3 sharks and 9 fish. How many are there altogether? 	<table border="1"><tr><td colspan="2"></td></tr><tr><td></td><td></td></tr></table> $\underline{\quad} + \underline{\quad} = \underline{\quad}$				
Go na le dihlapi tše 16 ka lewatleng. Dihlapi tše 7 di a rutha, di a tloga. Na go šetše dihlapi tše kae? There are 16 fish. 7 fish swim away. How many fish are left? 	<table border="1"><tr><td colspan="2">16</td></tr><tr><td>7</td><td>9</td></tr></table>  $16 - 7 = 9$	16		7	9
16					
7	9				
Go na le maruarua a 11 ka lewatleng. A 6 a a rutha, a a tloga. Na go šetše maruarua a makae? There are 11 whales. 6 swim away. How many whales are left? 	<table border="1"><tr><td colspan="2"></td></tr><tr><td></td><td></td></tr></table> $\underline{\quad} - \underline{\quad} = \underline{\quad}$				
Go na le dihlapi tše 14 tše ditalaleratadima le tše 7 tša mmala wa namune ka lewatleng. Na phapano ke eng magareng ga palo ya dihlapi tše ditalaleratadima le palo ya dihlapi tša mmala wa namune? There are 14 blue fish and 7 orange fish. What is the difference between the number of blue fish and the number of orange fish? 	<table border="1"><tr><td colspan="2"></td></tr><tr><td></td><td></td></tr></table> $\underline{\quad} - \underline{\quad} = \underline{\quad}$				
Lwandile o na le distikara tše 20. O file mogwera wa gagwe distikara tše 10. Na go šetše distikara tše kae? Lwandile has 20 shells. She gives 10 shells to her friend. How many shells are left? 	<table border="1"><tr><td colspan="2"></td></tr><tr><td></td><td></td></tr></table> $\underline{\quad} - \underline{\quad} = \underline{\quad}$				

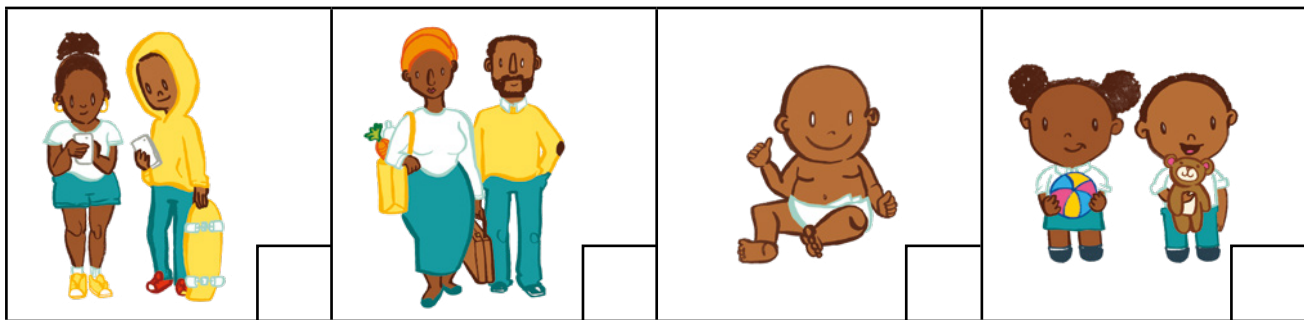
I Bolela le mogwera wa gago ka seo se diregago seswantšhong se sengwe le se sengwe. Swaya ka ✓ go seo se tšeago nako ye telele. Bea X go seo se tšeago nako ye kopana.

Talk to your friend about what is happening in each picture. Tick the activities that take a longer time and cross the activities that take a shorter time.

	
Go ya sekolong ka maoto. Walking to school.	Go ya sekolong ka koloi. Driving to school.
	
Go dira sangwetši. Making a sandwich.	Go dira khekhe. Making a cake.
	
Go šoma sekolong. Working at school.	Go raloka papadi ya kgwele ya maoto. Playing a game of soccer.
	
Go penta ntlo. Painting a house.	Go penta seswantšho. Painting a picture.

2 Ngwala dipalo 1-4 ka dipolokong go bontšha dikgato tša go gola ga motho.

Write the numbers 1-4 in the blocks to show the order in which a person grows.



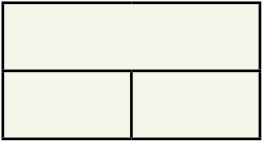
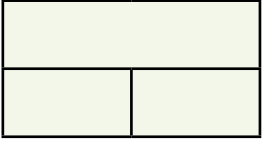
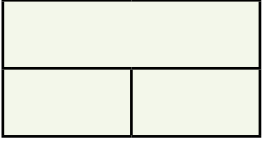
Swaya go bontšha seo o ka se dirago ka lebelo.

Tick to say which you would do fastest.



3 Rarolla mararantšu. Ngwala dipalo ka gare ga tafola ya dipalo.

Solve the word problems. Write the numbers in the number table.

Go na le matšoba a 9 a ma serolana le matšoba a ma2 a mapinki. Ngwala dipalo ka gare ga tafola ya dipalo. Na ke matšoba a makae ge a hlakana ka moka? There are 9 yellow flowers and 2 pink flowers. How many flowers are there altogether? 	 $\underline{\quad} + \underline{\quad} = \underline{\quad}$
Go na le matšoba a 13 a mmala wa namune. Go na le matšoba a 6 a matalaleratadima. Na ke matšoba a makae ge a hlakana ka moka? There are 13 orange flowers. There are 6 blue flowers. How many flowers are there altogether? 	 $\underline{\quad} + \underline{\quad} = \underline{\quad}$
Go na le matšoba a 15. Ke fa mma a 10. Na ke šaletšwe ke matšoba a makae? There are 15 flowers. I give 10 to my mom. How many flowers are left? 	 $\underline{\quad} - \underline{\quad} = \underline{\quad}$

Go ripa gare ka go lekana

Symmetry

MMETSE
WA HLOGO
MENTAL MATHS

FIZZ POP -
GO PEDIFATŠA
FIZZ POP - DOUBLING

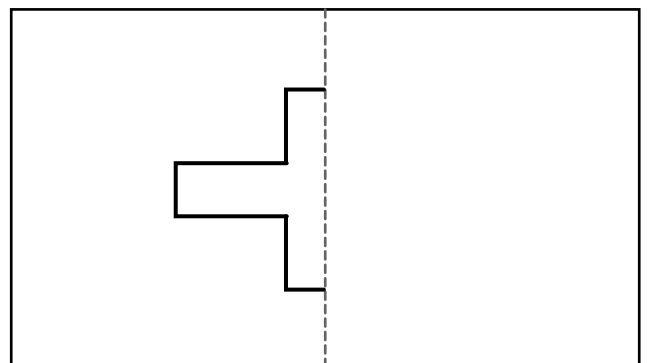
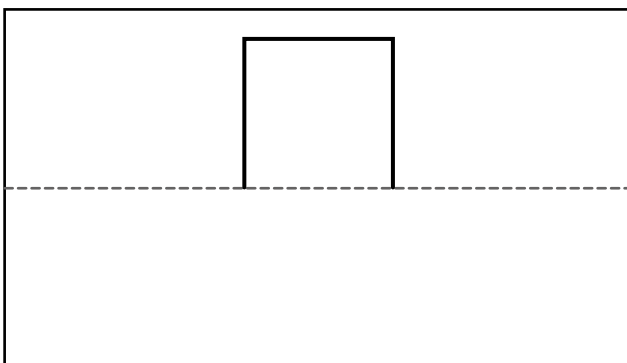
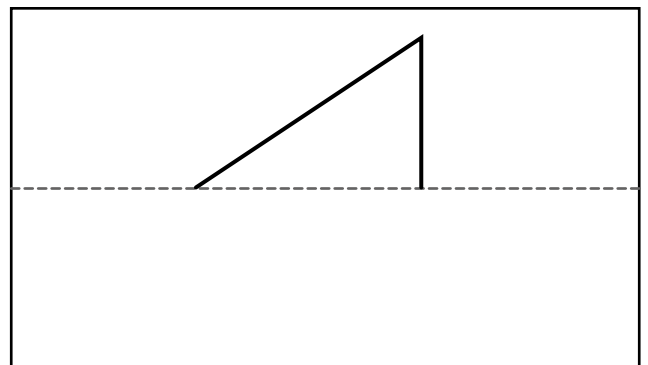
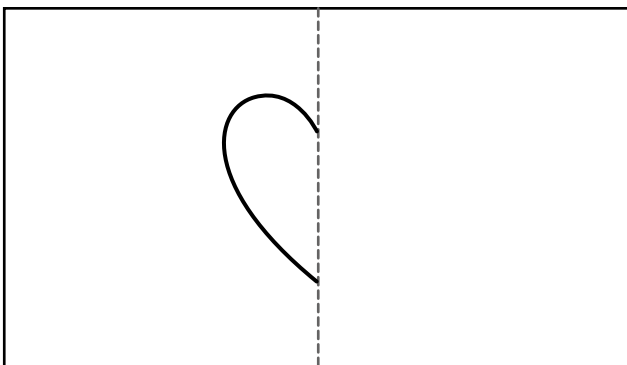
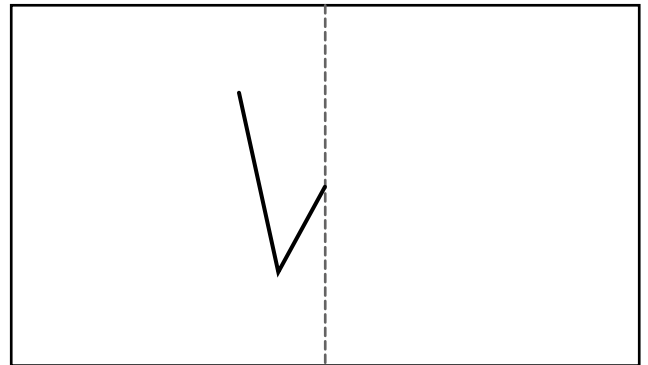
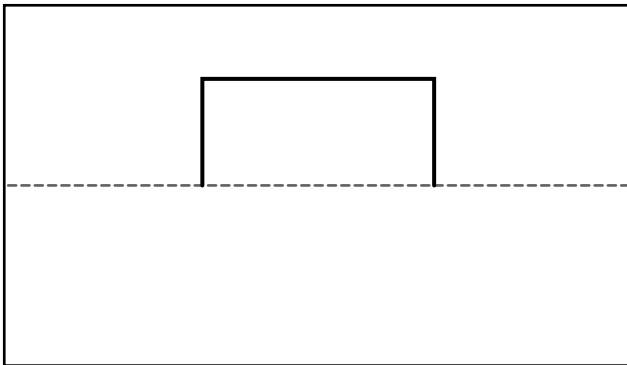
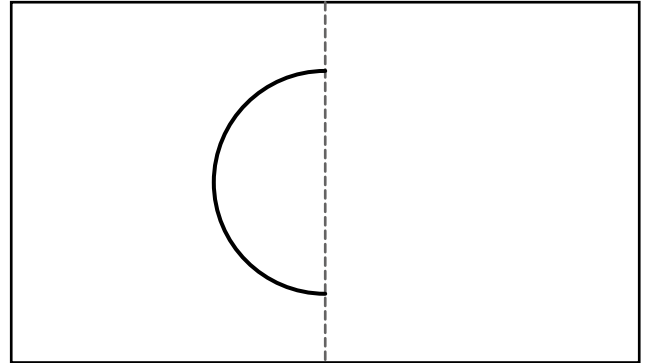
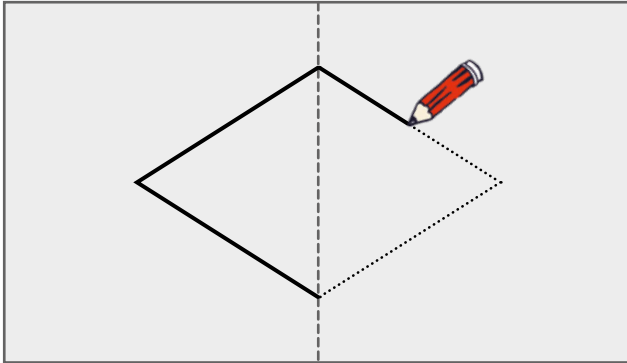
PAPADI
GAME

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

MATLAKALATŠHOMELO
WORKSHEETS

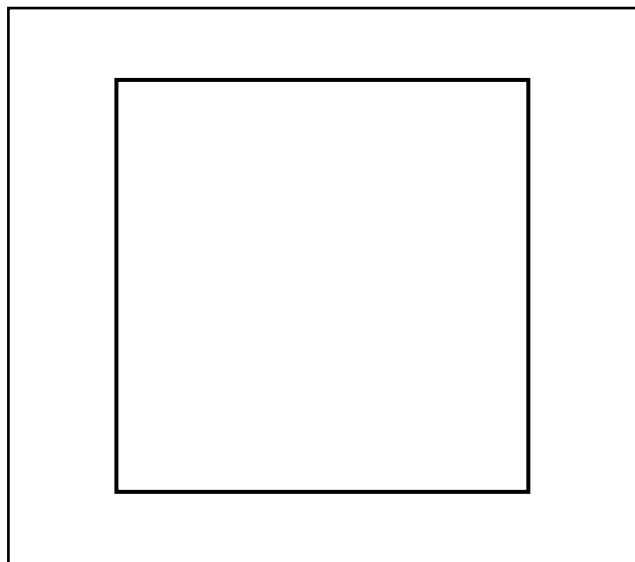
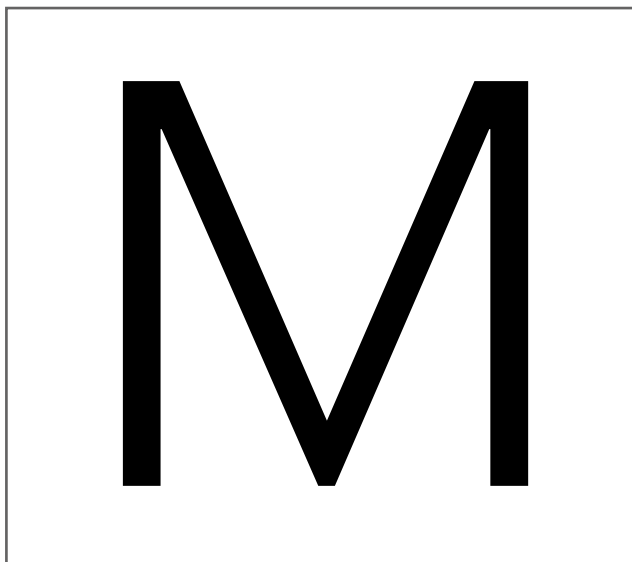
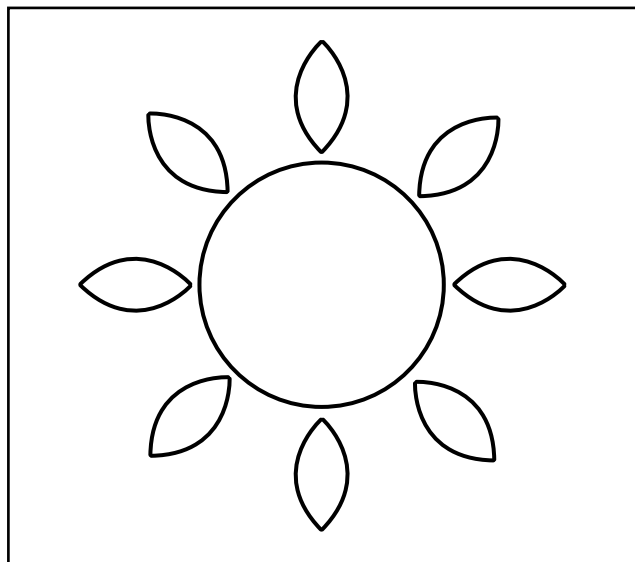
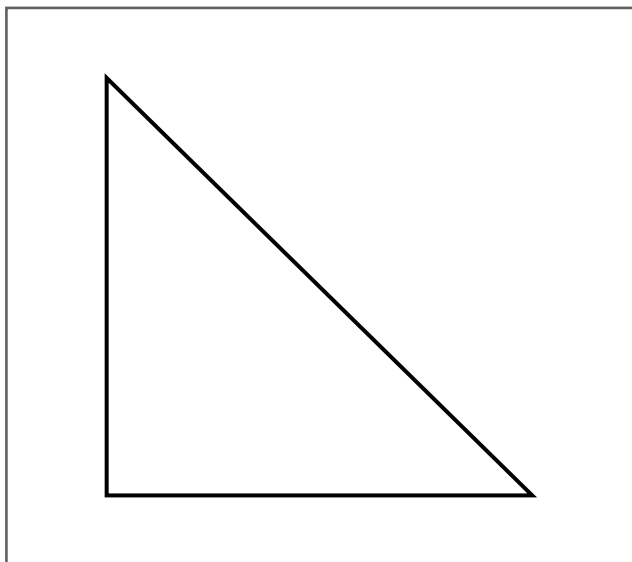
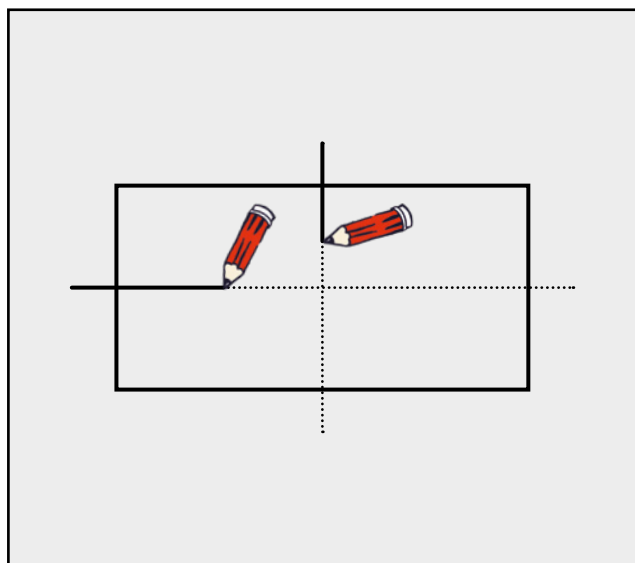
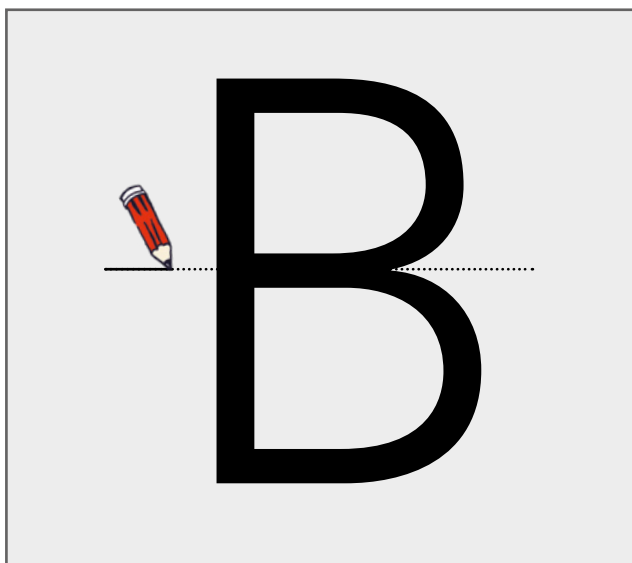
I Thala seripa se sengwe sa sebopego.

Draw the other half of these shapes.



2 Thala methalo ya go ripa gare ka go lekana.

Draw the lines of symmetry.



Go ripa gare ka go lekana Symmetry

MMETSE
WA HLOGO
MENTAL MATHS

FIZZ POP -
GO PEDIFATŠA
FIZZ POP - DOUBLING

PAPADI
GAME

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

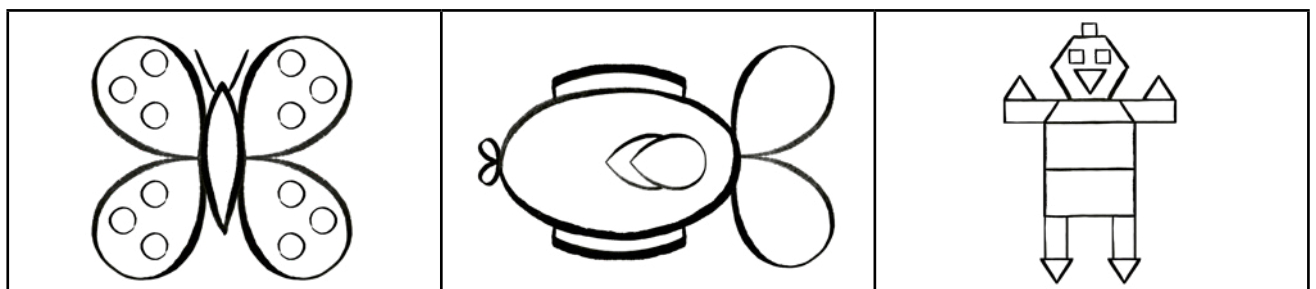
MATLAKALATŠHOMELO
WORKSHEETS

1 Khalara marontho go dira gore sethalwa se lekane ka bogare.

Colour the dots to make the drawing symmetrical.

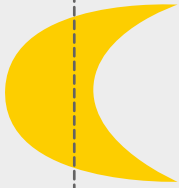
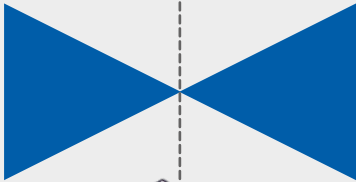
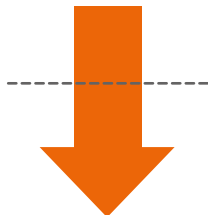
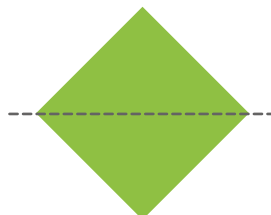
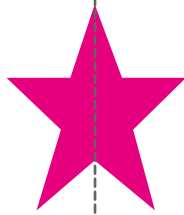
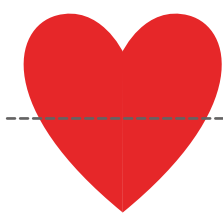
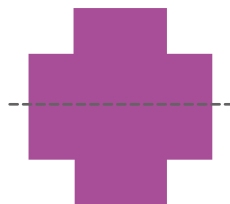
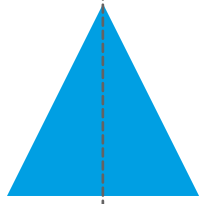
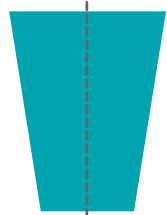
2 Thala mothalo wa go ripa gare ka go lekana go seswantšho se sengwe le se sengwe.

Draw a line of symmetry for each picture.



3 Ekaba mothalo wa marontho ke wa go ripa gare ka go lekana?
Swaya ka (✓) go ee goba aowa.

Is the dotted line a line of symmetry? Tick (✓) yes or no.

							
ee yes		aowa no		ee yes		aowa no	
							
ee yes		aowa no		ee yes		aowa no	
							
ee yes		aowa no		ee yes		aowa no	
							
ee yes		aowa no		ee yes		aowa no	
							
ee yes		aowa no		ee yes		aowa no	

MMETSE
WA HLOGO
MENTAL MATHS

FIZZ POP -
GO PEDIFATŠA
FIZZ POP - DOUBLING

PAPADI
GAME

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

MATLAKALATŠHOMELO
WORKSHEETS

1 Hlakantšha.

Add.

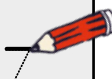
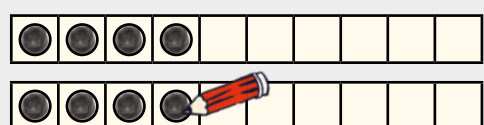
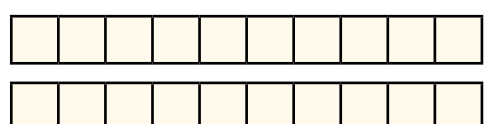
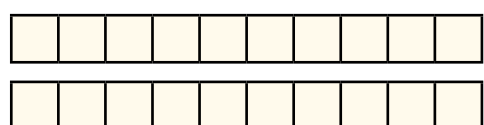
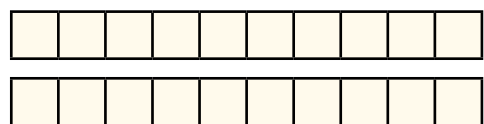
$2 + 2 =$		Pedifatšo ya 2 ke Double 2 is	
$6 + 6 =$		Pedifatšo ya 6 ke Double 6 is	
$9 + 9 =$		Pedifatšo ya 9 ke Double 9 is	
$3 + 3 =$		Pedifatšo ya 3 ke Double 3 is	

Ngwala dipedifatšo.

Write the doubles.

2 Thala marontho ka methaladi ye mebedi. Balela seripa.

Draw dots in two rows. Calculate half.

14		Seripa sa 14 ke Half of 14 is	
8		Seripa sa 8 ke Half of 8 is	
4		Seripa sa 4 ke Half of 4 is	
20		Seripa sa 20 ke Half of 20 is	
12		Seripa sa 12 ke Half of 12 is	

3 Rarolla o be o khalare.

Solve and colour.

Pedifatšo ya 10 ke 20.

Double 10 is 20.

Seripa sa 4 ke .

Half of 4 is ____.

Pedifatšo ya 5 ke .

Double 5 is ____.

Pedifatšo ya 7 ke .

Double 7 is ____.

Seripa sa 8 ke .

Half of 8 is ____.

Pedifatšo ya 8 ke .

Double 8 is ____.

Seripa sa 12 ke .

Half of 12 is ____.

Pedifatšo ya 6 ke .

Double 6 is ____.

Seripa sa 16 ke .

Half of 16 is ____.

Pedifatšo ya 9 ke .

Double 9 is ____.

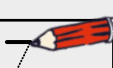
Seripa sa 6 ke .

Half of 6 is ____.

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

4 Feleletša ditafola tša dipalo go bontšha pedifatšo le seripa.

Complete the number tables to show double and half.

14
 7

20

18

2
1 

8

6

Go pedifatša le go ripa gare

Doubling and halving

MMETSE
WA HLOGO
MENTAL MATHS

FIZZ POP -
GO PEDIFATŠA
FIZZ POP - DOUBLING

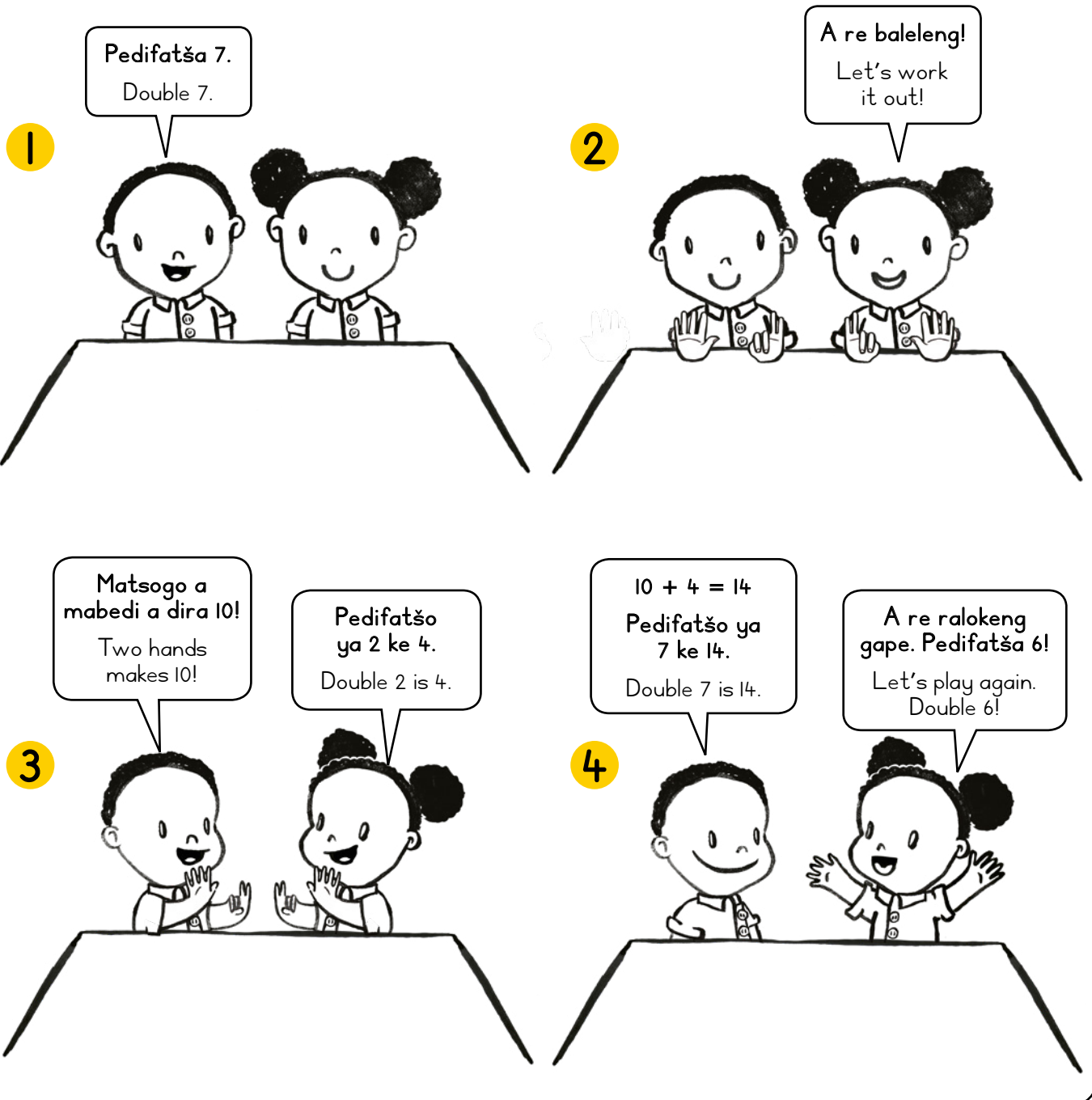
PAPADI
GAME

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

LETLAKALATŠHOMELO
WORKSHEET

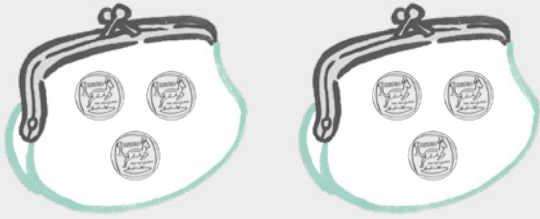
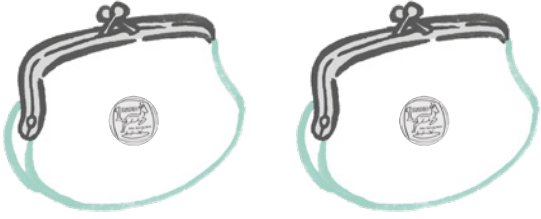
Papadi: Go pedifatša

Game: Doubling



1 Pedifatša tšhelete. Ke bokae ge e hlakana ka moka?

Double the money. How much altogether?

  $R3 + R3 = R6$	 $\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
 $\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$	 $\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

2 Aroganya tšhelete gabedi. O na le bokae?

Halve the money. What do you have?

  Seripa sa R4 ke <u>R2</u> . Half of R4 is <u>R2</u> .	 Seripa sa 20c ke <u> </u> . Half of 20c is <u> </u> .
 Seripa sa R20 ke <u> </u> . Half of R20 is <u> </u> .	 Seripa sa R10 ke <u> </u> . Half of R10 is <u> </u> .

1 Khalara marontho go dira gore sethalwa se lekane ka bogare.

Colour the dots to make the drawing symmetrical.

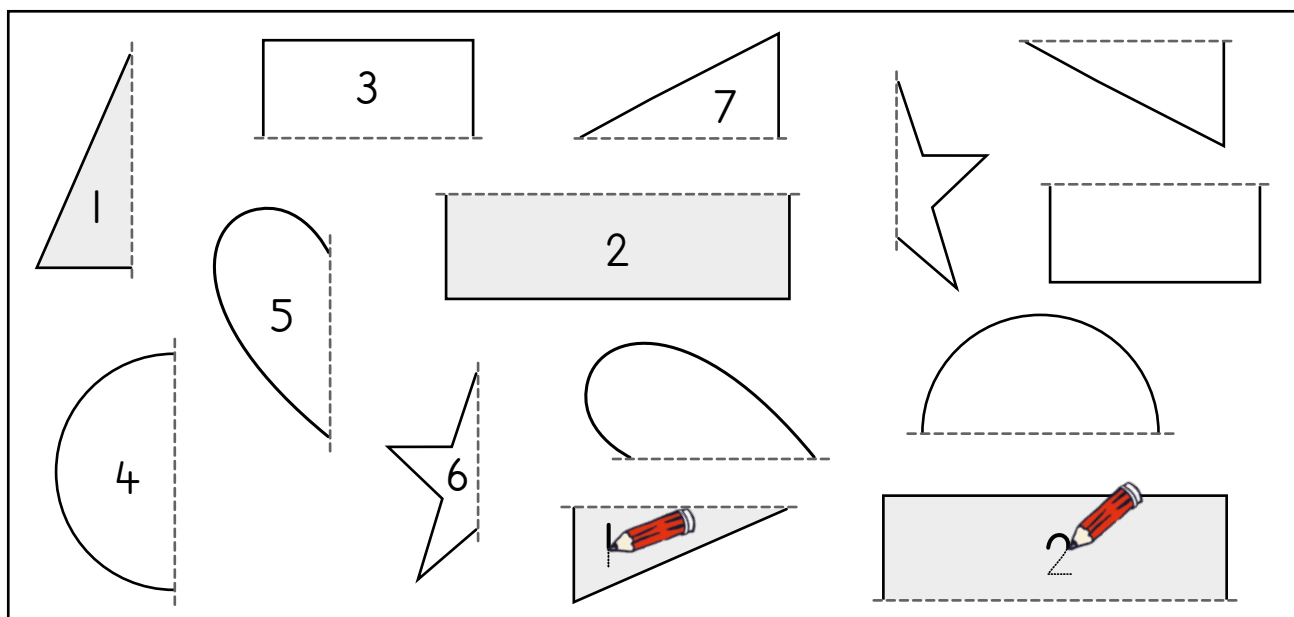
2 Feleletša ditafola tša dipalo go bontšha pedifatšo le seripa.

Complete the number tables to show double and half.

14	8		
		3	3
		5	5

- 3** Ngwala palo ya go swana ka gare ga diboepo tša go nyalelana go dira seboepo sa go ripa gare ka go lekana.

Write the same number in the shapes that match to make a symmetrical shape.



- 4** Pedifatša marontho. Feleletša mafokopalo.

Double the dots. Finish the number sentences.

Pedifatšo ya 3 ke ____. Double 3 is ____.	Pedifatšo ya 7 ke ____. Double 7 is ____.	Pedifatšo ya 5 ke ____. Double 5 is ____.
$3 + 3 = \underline{\quad}$	$7 + 7 = \underline{\quad}$	$5 + 5 = \underline{\quad}$

- 5** Aroganya marontho ka bogare. Feleletša mafokopalo.

Halve the dots. Finish the number sentences.

Seripa sa 12 ke ____. Half of 12 is ____.	Seripa sa 8 ke ____. Half of 8 is ____.	Seripa sa 16 ke ____. Half of 16 is ____.

MMETSE
WA HLOGO
MENTAL MATHS

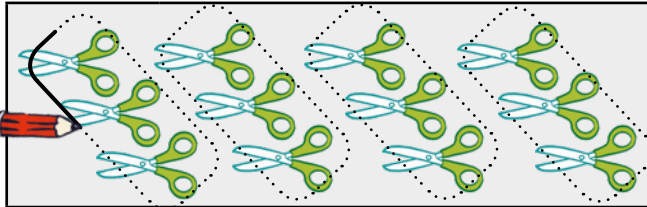
DITLEMAGANO
TŠA 10
BONDS OF 10

PAPADI
GAME

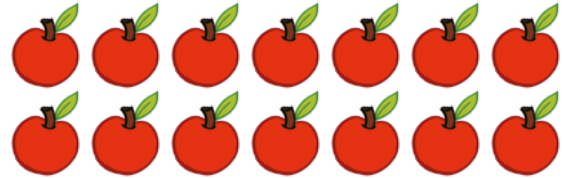
KGODIŠO YA KGOPOLO
CONCEPT DEVELOPMENT

MATLAKALATŠHOMELO
WORKSHEETS

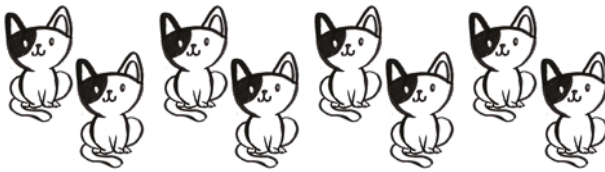
I Thala didiko go dira dihlopha. Na go na le dihlopha tše kae?
Circle to make groups. How many groups are there?



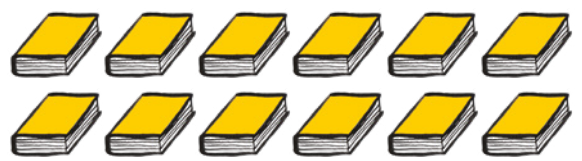
dihlopha tša 3
groups of 3



dihlopha tša 7
groups of 7



dihlopha tša 4
groups of 4



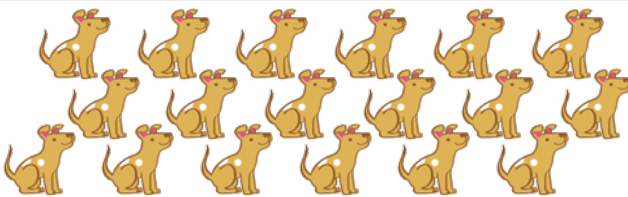
dihlopha tša 2
groups of 2



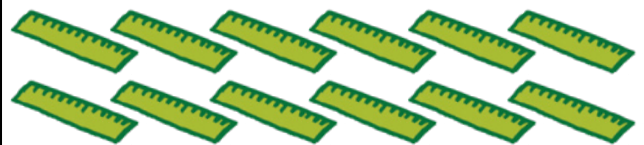
dihlopha tša 2
groups of 2



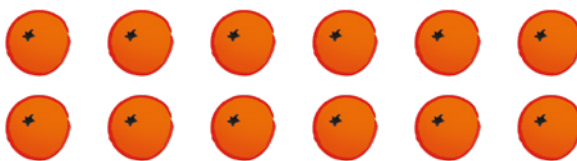
dihlopha tša 5
groups of 5



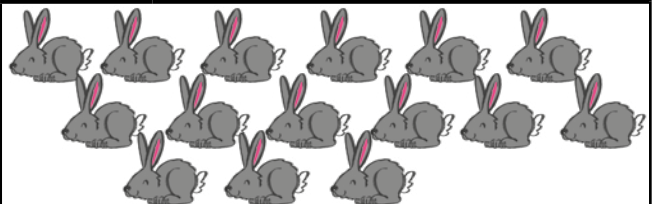
dihlopha tša 3
groups of 3



dihlopha tša 4
groups of 4



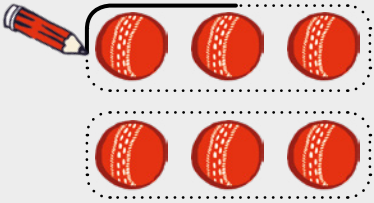
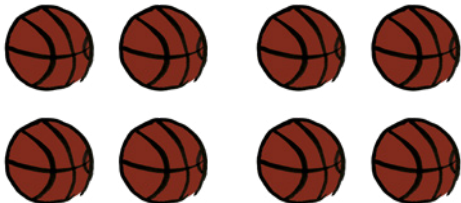
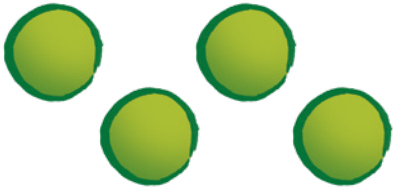
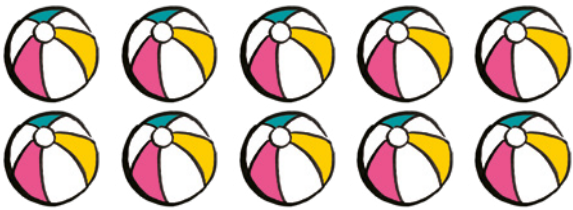
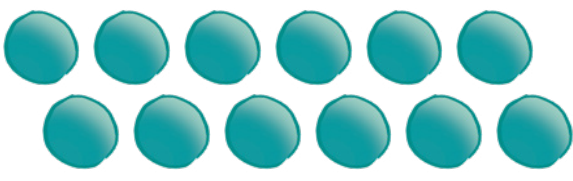
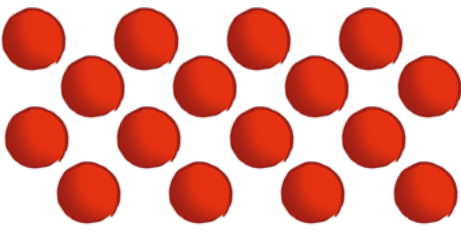
dihlopha tša 6
groups of 6



dihlopha tša 5
groups of 5

2 Thala didiko go dira dihlopha. Na go na le dihlopha tše kae?

Circle to make groups. How many groups are there?

	
 dihlopha tša 3 groups of 3	dihlopha tša 2 groups of 2
	
dihlopha tša 2 groups of 2	dihlopha tša 2 groups of 2
	
dihlopha tša 2 groups of 2	dihlopha tša 3 groups of 3
	
dihlopha tša 2 groups of 2	dihlopha tša 2 groups of 2
	
dihlopha tša 3 groups of 3	dihlopha tša 4 groups of 4

MMETSE
WA HLOGO
MENTAL MATHS

DITLEMAGANO
TŠA 10
BONDS OF 10

PAPADI
GAME

KGODIŠO YA KGOPOLO
CONCEPT DEVELOPMENT

MATLAKALATŠHOMELO
WORKSHEETS

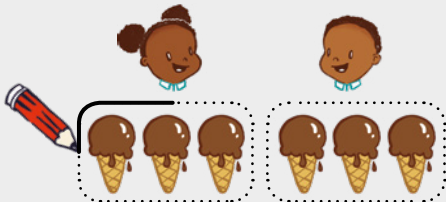
I Abela bana ka go lekana.

Share equally among the children.

Abela. Share.	Ngwana yo mongwe le yo mongwe o hwetša tše Each child gets

2 Abela bana ka go lekana.

Share equally among the children.

Abela. Share.	Ngwana yo mongwe le yo mongwe o hwetša tše Each child gets
	
	
	
	
	
	
	

MMETSE
WA HLOGO
MENTAL MATHS

DITLEMAGANO
TŠA 10
BONDS OF 10

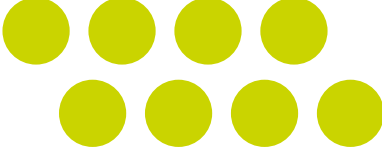
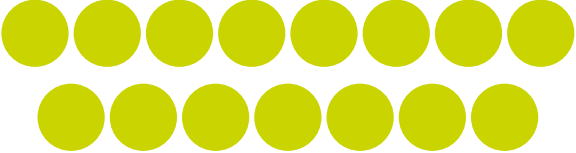
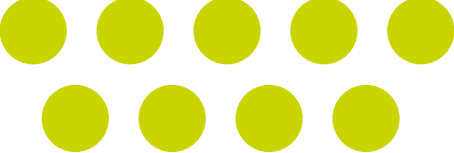
PAPADI
GAME

KGODIŠO YA KGOPOLO
CONCEPT DEVELOPMENT

MATLAKALATŠHOMELO
WORKSHEETS

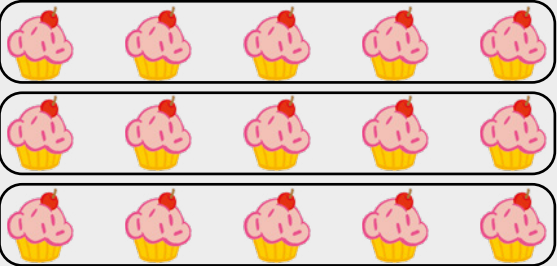
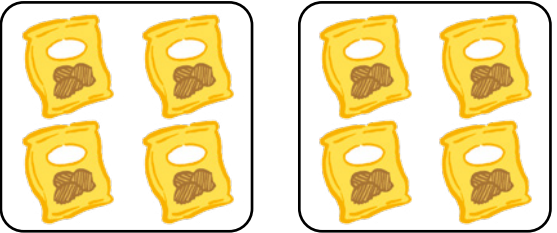
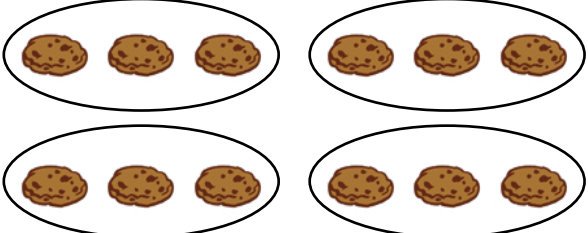
1 Thala didiko go dira dihlopha. Na go na le dihlopha tše kae?

Circle to make groups. How many groups are there?

      	
 dihlopha tša 2 groups of 2	dihlopha tša 4 groups of 4
	
dihlopha tša 5 groups of 5	dihlopha tša 3 groups of 3

2 Ngwala mafokopalo.

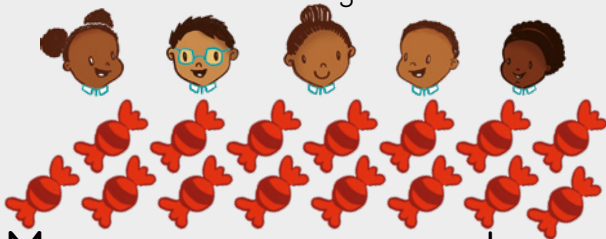
Write the number sentences.

	
 5 + 5 + 5 = 15	
	

3

Aba malekere magareng
ga bagwera ba ba 5.

Share the sweets among 5 friends.

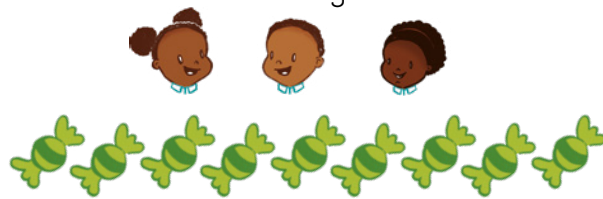


Mogwera yo mongwe le
yo mongwe o tla hwetša
malekere a 3.

Each friend will get 3 sweets.

Aba malekere magareng
ga bagwera ba ba 3.

Share the sweets among 3 friends.

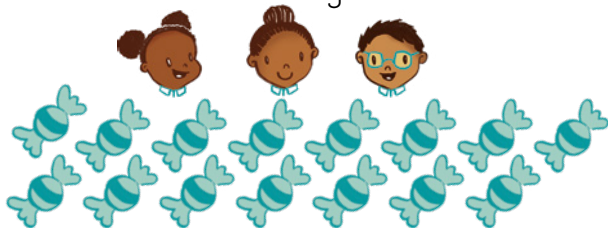


Mogwera yo mongwe le
yo mongwe o tla hwetša
malekere a _____.

Each friend will get _____ sweets.

Aba malekere magareng
ga bagwera ba ba 3.

Share the sweets among 3 friends.

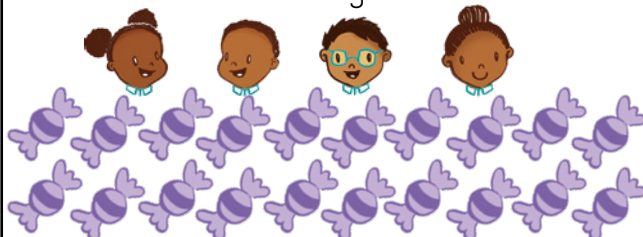


Mogwera yo mongwe le
yo mongwe o tla hwetša
malekere a _____.

Each friend will get _____ sweets.

Aba malekere magareng
ga bagwera ba ba 4.

Share the sweets among 4 friends.



Mogwera yo mongwe le
yo mongwe o tla hwetša
malekere a _____.

Each friend will get _____ sweets.

4

O na le dikuku tše 10 tšeo
di swanetšego go tsena ka
mapokising. Dikuku tše 5 di
tsena ka lepokising le lengwe
le le lengwe. Na o tla hloka
mapokisi a makae?

You have 10 cookies to put into boxes. 5 cookies
go in each box. How many boxes will you need?



Ke hloka
mapokisi a

I need



boxes.

O na le mae a 12 ao a
swanetšego go tsena ka
mapokising. Mae a 4 a tsena
ka lepokising le lengwe le
le lengwe. Na o tla hloka
mapokisi a makae?

You have 12 eggs to put into boxes. 4 eggs go
in each box. How many boxes will you need?



Ke hloka
mapokisi a

I need

boxes.

Go hlopha le go abela ka mašaledi

Grouping and sharing with remainders

MMETSE
WA HLOGO
MENTAL MATHS

DITLEMAGANO
TŠA 10
BONDS OF 10

PAPADI
GAME

KGODIŠO YA KGOPOLO
CONCEPT DEVELOPMENT

LETLAKALATŠHOMELO
WORKSHEET

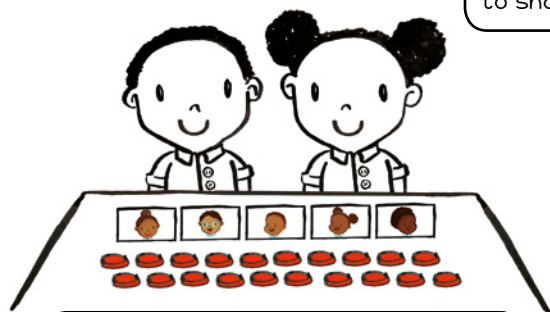
Papadi: Kabelo yeo e lokilego

Game: Fair share

Thoma papadi ka dibaledi tše 20.

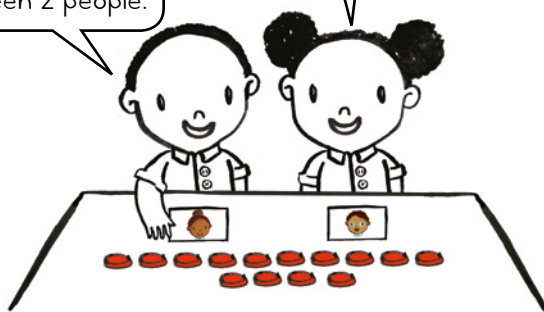
Start the game with 20 counters.

1



Ke be ke nepile, ga go na lešaledi.
I was right, no remainder.
Ke sebaka sa ka!
My turn!

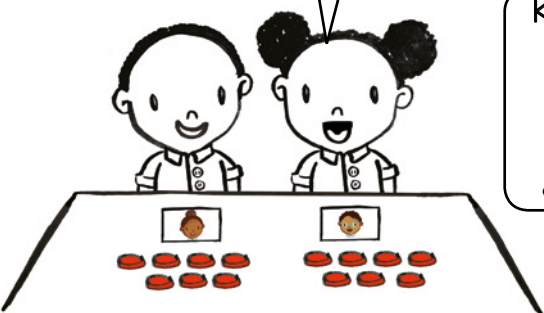
2



Nka ba abela ka go lekana ntle le ya go šala.
I can share them equally with none left over.

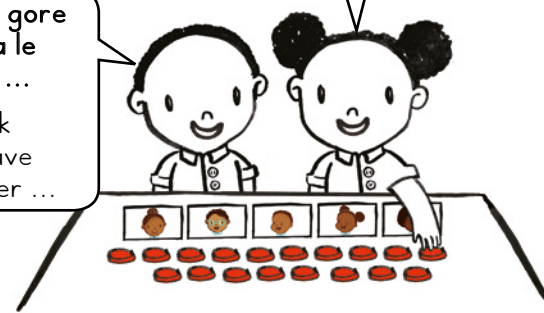
Ke go fa dibaledi tše 14 gore o abele batho ba babedi.
I'm giving you 14 counters to share between 2 people.

3



Ke nagana gore ke tla ba le lešaledi ...
I think I will have a remainder ...

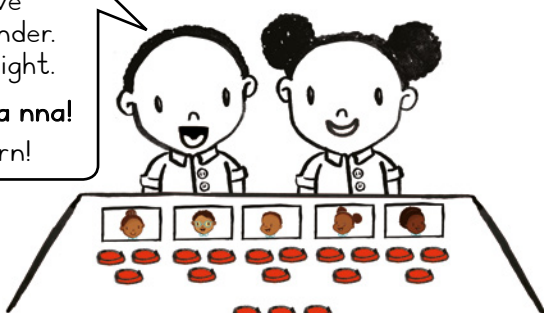
4



Abela batho ba ba 5 dibaledi tše 18.
Share 18 counters among 5 people.

Ke na le lešaledi.
Ke be ke nepile.
I have a remainder.
I was right.
Go raloka nna!
My turn!

5

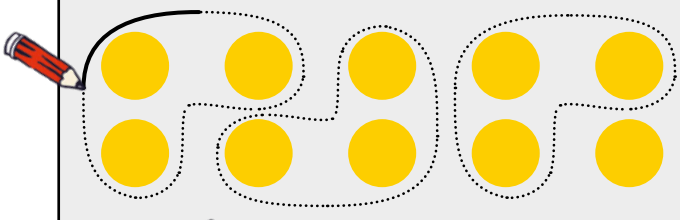
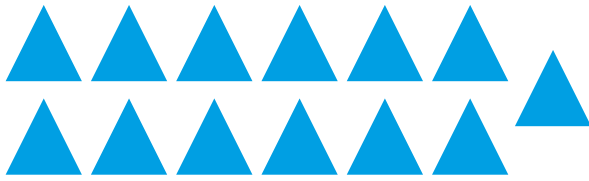
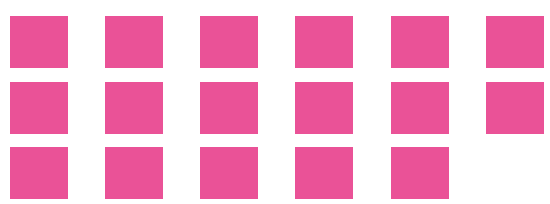


Tšwelang pele ka go raloka le fe yo mongwe le yo mongwe sebaka se se ntši sa go abela dibaledi tša go ba le mašaledi goba tša go hloka mašaledi.

Continue playing to give everyone lots of turns to share the counters with and without remainders.

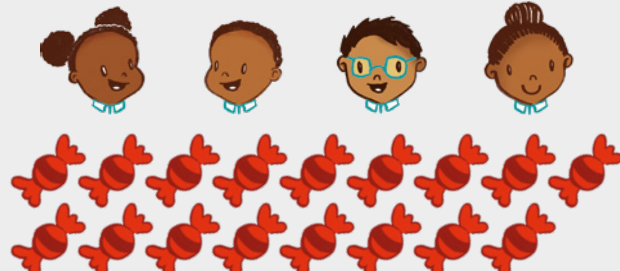
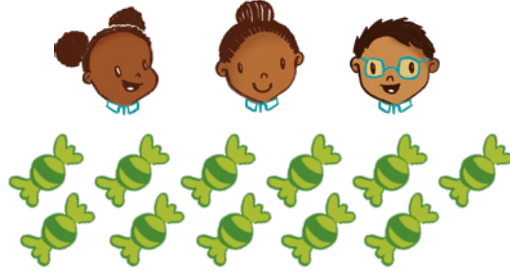
1 Thala didiko go dira dihlopha. Na go na le dihlopha tše kae?

Circle to make groups. How many groups are there?

			
	dihlopha tša 3 groups of 3		dihlopha tša 4 groups of 4
	tša go šala. left over.		tša go šala. left over.
			
	dihlopha tša 5 groups of 5		dihlopha tša 2 groups of 2
	tša go šala. left over.		tša go šala. left over.

2 Aba malekere ka go lekana.

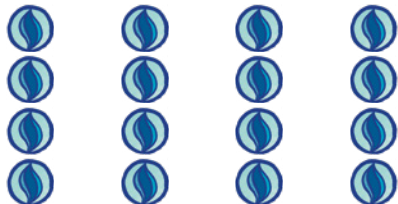
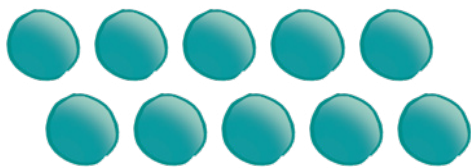
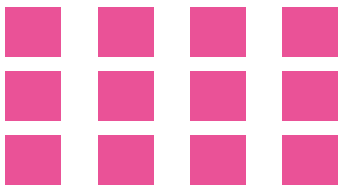
Share the sweets equally.

					
Mogwera yo mongwe le yo mongwe o hwetša malekere a Each friend gets		sweets.	Mogwera yo mongwe le yo mongwe o hwetša malekere a Each friend gets		sweets.
Go tla ba le lelekere le There will be		la go šala. left over.	Go tla ba le malekere a There will be		a go šala. left over.

1 O na le dilollipop tše 11 tše o di abelago mogwera wa gago. Na yo mongwe le yo mongwe o tla hwetša dilollipop tše kae? You have 11 lollipops that you share with your friend. How many lollipops will you each get?	O na le dipuku tše 15 tše o di swanetšego go tsena ka mapokising. Dipuku tše 4 di tsena ka le pokising le lengwe le le lengwe. Na o tla hloka mapokisi a makae? You have 15 books to put into boxes. 4 books go in each box. How many boxes will you need?				
Yo mongwe le yo mongwe o tla hwetša dilollipop tše You will each get			Ke hloka mapokisi a I need		
Go tla ba le dilollipop tše There will be		tša go šala. lollipops left over.	Ke tla ba le dipuku tše I will have		tša go šala. books left over.

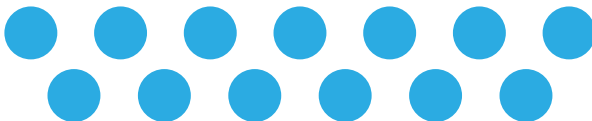
2 Thala didiko go dira dihlopha. Na go na le dihlopha tše kae?

Circle to make groups. How many groups are there?

	
dihlopha tša 4 groups of 4	dihlopha tša 2 groups of 2
	
dihlopha tša 6 groups of 6	dihlopha tša 3 groups of 3

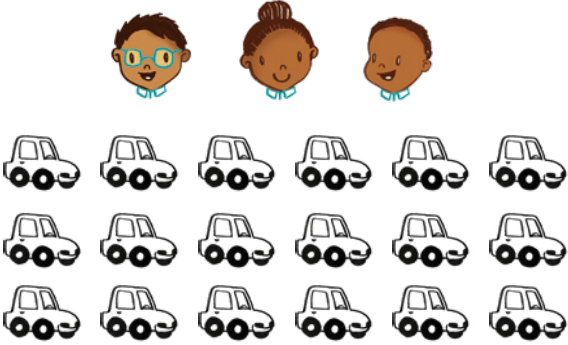
3 Thala didiko go dira dihlopha. Na go na le dihlopha tše kae?

Circle to make groups. How many groups are there?

			
	dihlopha tša 2 groups of 2		dihlopha tša 5 groups of 5
	tša go šala. left over.		tša go šala. left over.

4 Aba dikoloi ka go lekana.

Share the cars equally.

			
Ngwana yo mongwe le yo mongwe o hwetša dikoloi tše Each child gets		Ngwana yo mongwe le yo mongwe o hwetša dikoloi tše Each child gets	
	tša go šala. left over.		tša go šala. left over.

5 Ngwala mafokopalo.

Write the number sentences.

  	  
___ + ___ + ___ = ___	___ + ___ + ___ = ___

MMETSE
WA HLOGO
MENTAL MATHS

DIRA 10 O ŠOMIŠA
DIKARATA TŠA MARONTHO
MAKE 10 USING DOT CARDS

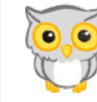
PAPADI
GAME

KGODIŠO YA KGOPOLO
CONCEPT DEVELOPMENT

MATLAKALATŠHOMELO
WORKSHEETS

1 Bala mahlo. Bala ka bo2.

Count the eyes. Count in 2s.

									
2	4								

Bala maoto. Bala ka bo2.

Count the legs. Count in 2s.

					
2	4				

Bala menwana. Bala ka bo5.

Count the fingers. Count in 5s.

						
5	10					

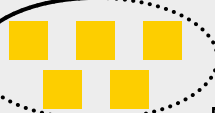
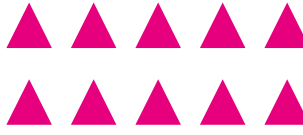
Bala dirurubele. Bala ka bo5.

Count the butterflies. Count in 5s.

				
5	10			

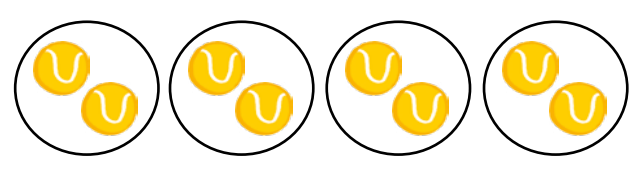
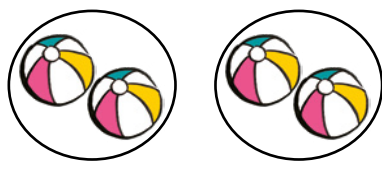
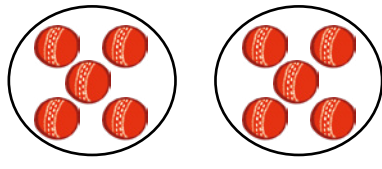
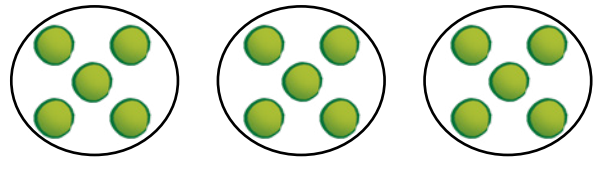
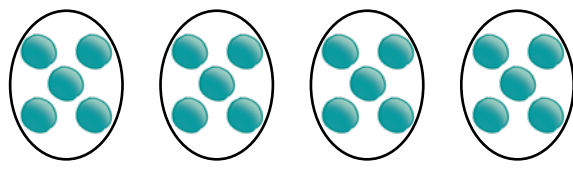
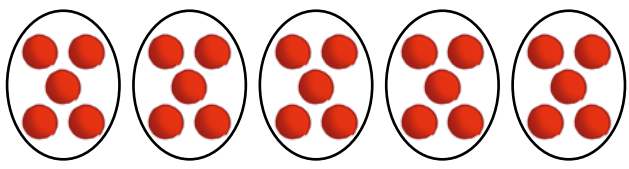
2 Thala didiko go dikologa bo5 go hwetša palo ya dibopego.

Draw circles around the 5s to work out how many shapes.

sehlopha se 1 sa 5 1 group of 5  5	dihlopha tše 2 tša 5 2 groups of 5 	dihlopha tše 3 tša 5 3 groups of 5 
---	---	---

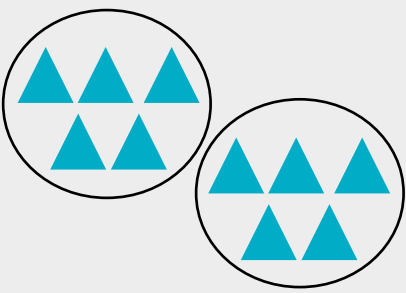
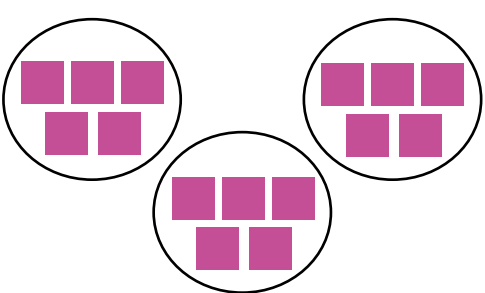
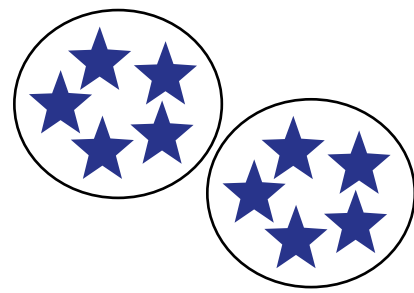
3 Ngwala lefokopalo o be o rarolle marara.

Write a number sentence and solve the problem.

  $2 + 2 + 2 = 6$	 $___ + ___ + ___ + ___ = ___$
 $___ + ___ = ___$	 $___ + ___ + ___ = ___$
 $___ + ___ = ___$	 $___ + ___ + ___ = ___$
 $___ + ___ + ___ + ___ = ___$	 $___ + ___ + ___ + ___ + ___ = ___$

4 Ngwala mafokopalo a diboego tše.

Write number sentences for these shapes.

  $5 + 5 = 10$	 $___ + ___ + ___ = ___$	 $___ + ___ = ___$
--	---	---

MMETSE
WA HLOGO
MENTAL MATHS

DIRA 10 O ŠOMIŠA
DIKARATA TŠA MARONTHO
MAKE 10 USING DOT CARDS

PAPADI
GAME

KGODIŠO YA KGOPOLO
CONCEPT DEVELOPMENT

MATLAKALATŠHOMELO
WORKSHEETS

1 Bala ditsebe.

Count the ears.

					
2	4				

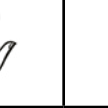
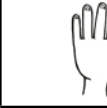
Bala dikhoine. Bala ka bo2.

Count the coins. Count in 2s.

					
2	4				

Bala menwana.

Count the fingers.

					
5	10				

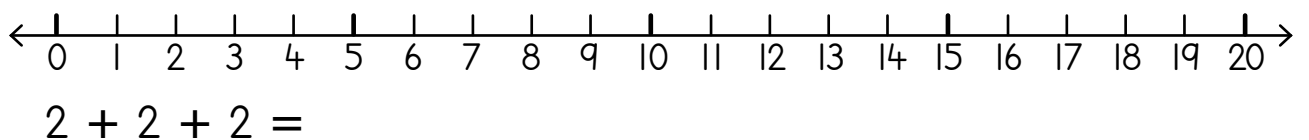
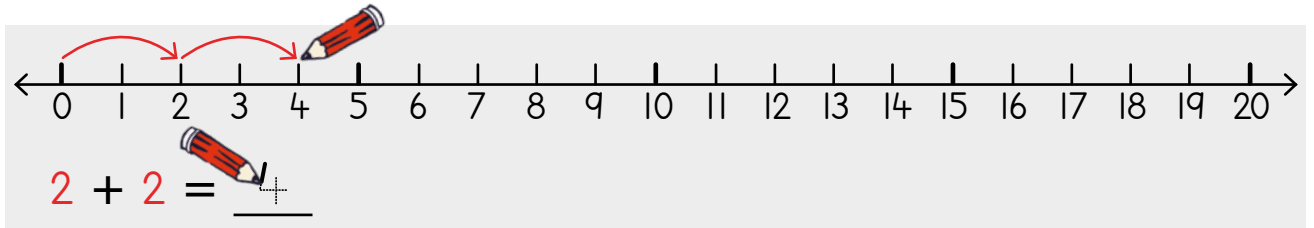
Bala dikhoine. Bala ka bo5.

Count the coins. Count in 5s.

					
5	10				

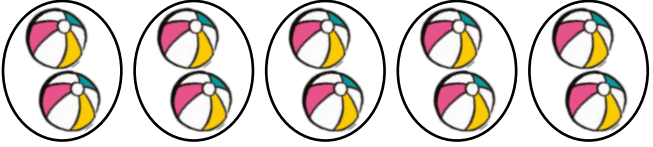
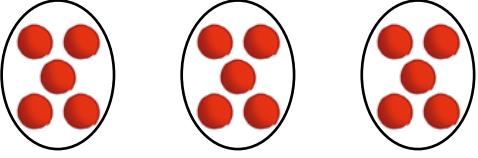
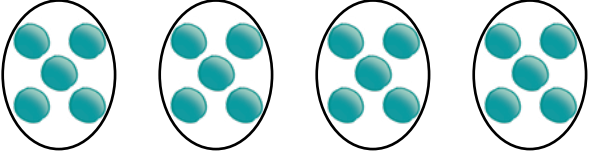
2 Bala mothalo palong ka bo2.

Count in 2s on the number line.



3 Ngwala mafokopalo o be o rarolle marara.

Write the number sentences and solve the problems.

  $2 + 2 + 2 + 2 = 8$	 $___ + ___ + ___ + ___ + ___ = ___$
 $___ + ___ + ___ = ___$	 $___ + ___ + ___ + ___ = ___$

4 Rarolla mararantšu.

Solve the word problems.

Nkazi o na le mekotla ye 7 ya go ba le malekere a ma2 ka mokotleng wo mongwe le wo mongwe. Na o na le malekere a makae ge a hlakana ka moka? Thala malekere ka gare ga mekotla.

Nkazi has 7 bags with 2 sweets in each bag. How many sweets does he have altogether?
Draw the sweets in the bags.

Ngwala lefokopalo.

Write the number sentence.



$___ + ___ + ___ + ___ + ___ + ___ + ___ = ___$

Lwandile o na le mapokisi a ma4. Lepokisi le lengwe le le lengwe le na le mebutla ye me5. Na go na le mebutla ye mekae ka moka ge e hlakana?

Lwandile has 4 boxes. Each box has 5 rabbits in it. How many rabbits are there altogether?



Ngwala lefokopalo.

Write the number sentence.

$___ + ___ + ___ + ___ = ___$

MMETSE
WA HLOGO
MENTAL MATHS

DIRA 10 O ŠOMIŠA
DIKARATA TŠA MARONTHO
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KGODIŠO YA KGOPOLO
CONCEPT DEVELOPMENT

MATLAKALATŠHOMELO
WORKSHEETS

1 Pedifatša dimabole.

Double the marbles.

 Pedifatšo ya 3 ke ____. Double 3 is <u>6</u>.	 Pedifatšo ya 1 ke ____. Double 1 is ____.
 Pedifatšo ya 4 ke ____. Double 4 is ____.	 Pedifatšo ya 2 ke ____. Double 2 is ____.
 Pedifatšo ya 6 ke ____. Double 6 is ____.	 Pedifatšo ya 5 ke ____. Double 5 is ____.

2 Abaganya dimabole ka go lekana magareng ga bagwera ba babedi.

Share the marbles equally between two friends.

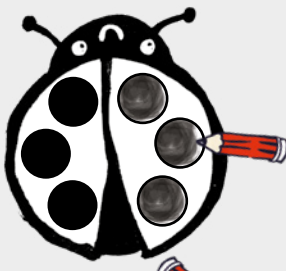
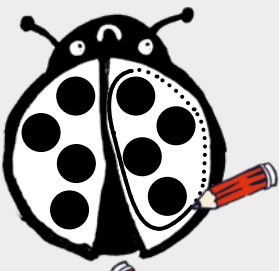
 Seripa sa 8 ke ____. Half of 8 is <u>4</u>.	 Seripa sa 6 ke ____. Half of 6 is ____.
 Seripa sa 2 ke ____. Half of 2 is ____.	 Seripa sa 10 ke ____. Half of 10 is ____.
 Seripa sa 4 ke ____. Half of 4 is ____.	 Seripa sa 12 ke ____. Half of 12 is ____.

3 Pedifatša marontho.

Double the dots.

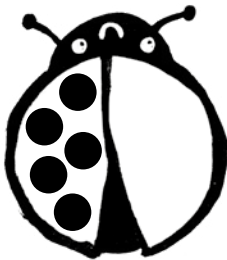
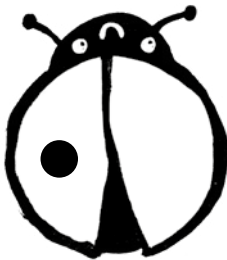
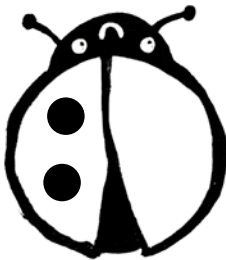
Ripa marontho ka bogare.

Halve the dots.

	
Pedifatšo ya 3 ke <u>6</u> . Double 3 is <u>6</u> .	Seripa sa 8 ke <u>4</u> . Half of 8 is <u>4</u> .
$3 + 3 = \underline{6}$	

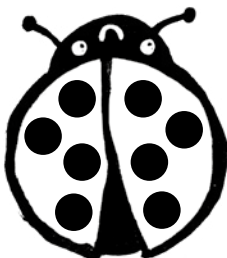
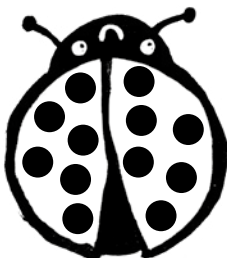
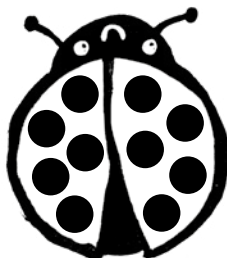
Pedifatša marontho.

Double the dots.

		
Pedifatšo ya 5 ke ____. Double 5 is ____.	Pedifatšo ya 1 ke ____. Double 1 is ____.	Pedifatšo ya 2 ke ____. Double 2 is ____.
$5 + 5 = \underline{\quad}$	$1 + 1 = \underline{\quad}$	$2 + 2 = \underline{\quad}$

Ripa marontho ka bogare.

Halve the dots.

		
Seripa sa 8 ke ____. Half of 8 is ____.	Seripa sa 12 ke ____. Half of 12 is ____.	Seripa sa 10 ke ____. Half of 10 is ____.

Go pedifatša le go ripa gare

Doubling and halving

MMETSE
WA HLOGO
MENTAL MATHS

DIRA 10 O ŠOMIŠA
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MAKE 10 USING DOT CARDS

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KGODIŠO YA KGOPOLO
CONCEPT DEVELOPMENT

MATLAKALATŠHOMELO
WORKSHEETS

1 Hlakantšha.

Add.

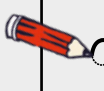
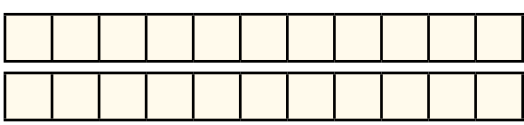
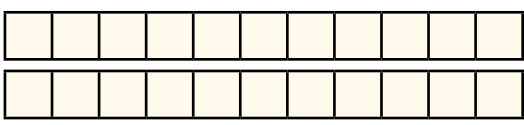
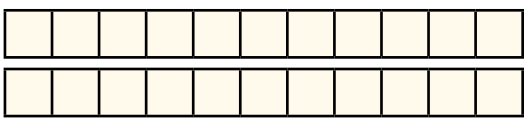
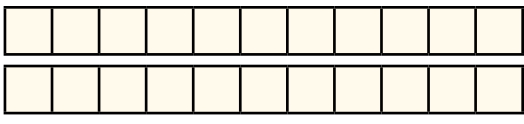
Ngwala dipedifatšo.

Write the doubles.

$4 + 4 =$		Pedifatšo ya 4 ke Double 4 is	
$8 + 8 =$		Pedifatšo ya 8 ke Double 8 is	
$3 + 3 =$		Pedifatšo ya 3 ke Double 3 is	
$7 + 7 =$		Pedifatšo ya 7 ke Double 7 is	
$2 + 2 =$		Pedifatšo ya 2 ke Double 2 is	

2 Thala marontho ka methaladi ye mebedi. Balela seripa.

Draw dots in two rows. Calculate half.

18		Seripa sa 18 ke Half of 18 is	
12		Seripa sa 12 ke Half of 12 is	
10		Seripa sa 10 ke Half of 10 is	
14		Seripa sa 14 ke Half of 14 is	
20		Seripa sa 20 ke Half of 20 is	

3 Bontšha pedifatšo le seripa ka go feleletša ditafola.

Complete the tables to show **double** and **half**.

6	
3 	3

8	

14	

10	
5 	5

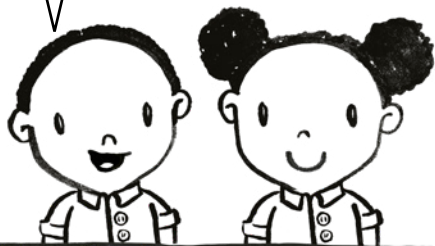
6	

9	

Papadi: Go pedifatša Game: Doubling

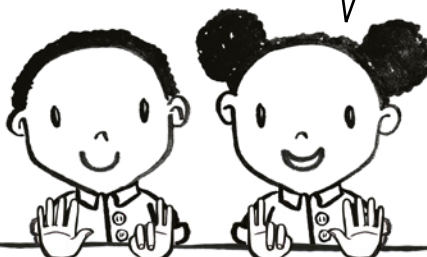
1

Pedifatša 7.
Double 7.



2

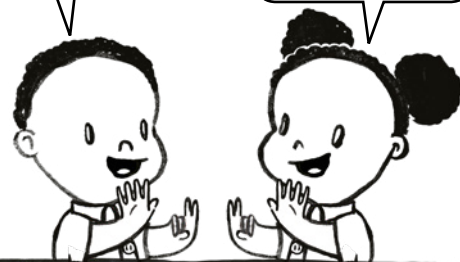
A re baleleng.
Let's work
it out!



3

Matsogo a
mabedi a dira 10!
Two hands
makes 10!

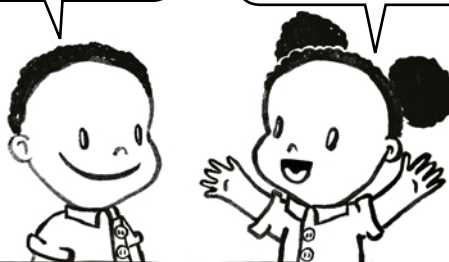
Pedifatšo
ya 2 ke 4.
Double 2 is 4.



4

$10 + 4 = 14$
Pedifatšo ya
7 ke 14.
Double 7 is 14.

A re ralokeng
gape. Pedifatša 9!
Let's play again.
Double 9!



1 Ngwala mafokopalo o be o rarolle marara a.

Write the number sentences and solve these problems.



___ + ___ + ___ + ___ + ___ + ___ + ___ = ___

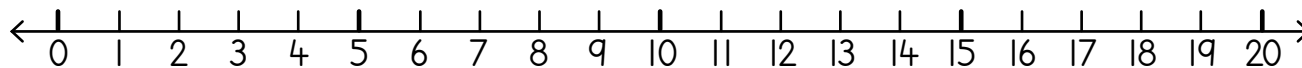


___ + ___ + ___ + ___ = ___

2 Bala ka bo2 mothaloalong.

Count in 2s on the number line.

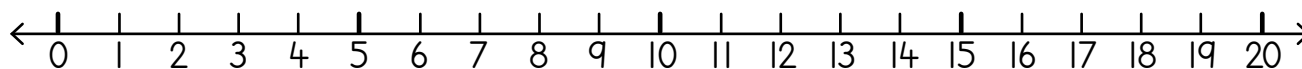
$$2 + 2 + 2 + 2 = \underline{\hspace{2cm}}$$



Bala ka bo5 mothaloalong.

Count in 5s on the number line.

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

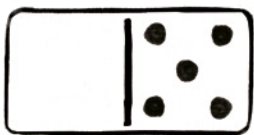


3 Pedifatša marontho.

Double the dots.

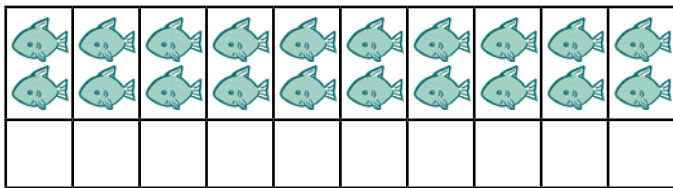
Ripa marontho ka bogare.

Halve the dots.

	
Pedifatšo ya 5 ke ____. Double 5 is ____.	Marontho a ____. ____ dots
$5 + 5 = \underline{\hspace{2cm}}$	Seripa sa 12 ke ____. Half of 12 is ____.

4 Bala dihlapi. Bala ka bo2.

Count the fish. Count in 2s.



Bala dikhoine. Bala ka bo5.

Count the coins. Count in 5s.



5 Ngwala mafokopalo o be o rarolle marara.

Write the number sentences and solve the problems.

 $___ + ___ + ___ + ___ = ___$	 $___ + ___ + ___ + ___ + ___ = ___$
 $___ + ___ + ___ = ___$	 $___ + ___ + ___ + ___ = ___$

6

Pedifatšo ya 7 ke ____. Double 7 is ____. $7 + 7 = ___$	Pedifatšo ya 4 ke ____. Double 4 is ____. $4 + 4 = ___$	Pedifatšo ya 9 ke ____. Double 9 is ____. $9 + 9 = ___$
Seripa sa 10 ke ____. Half of 10 is ____. 	Seripa sa 16 ke ____. Half of 16 is ____. 	Seripa sa 14 ke ____. Half of 14 is ____.





Bala Wande

Calculating with Confidence