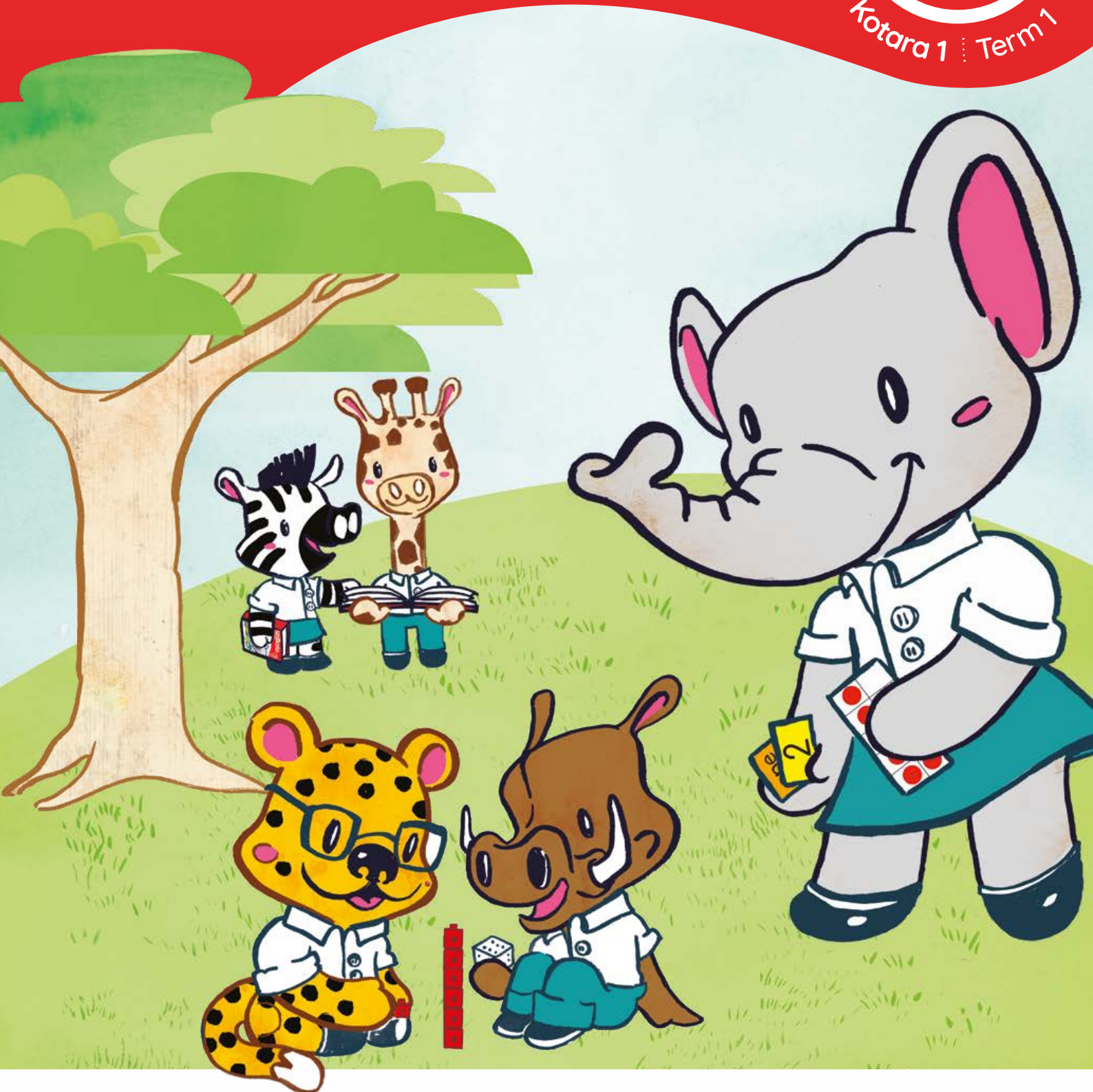


Mmetse

Mathematics

1

Kotara 1 : Term 1





Kotara 1 : Term 1



**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.

Artist: Mary-Anne Hampton

www.fundawande.org

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Version 3: 2025



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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 48 a go ruta ka Kotara ya 1. 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 KGOPOLLO
CONCEPT DEVELOPMENT

PAPADI
GAME

MATLAKALATŠHOMELO
WORKSHEETS

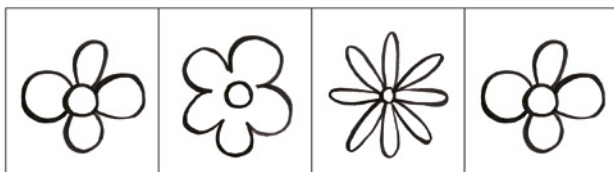
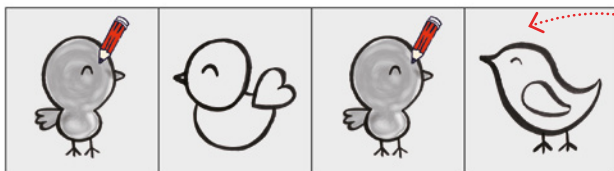
Mmetse wa Hlogo ke mošongwana wa mathomo wa letšatši le lengwe le le lengwe. Morutiši o tla eta mošongwana wo pele. Papadi ye e ka ralokwa letšatši lefe goba lefe la beke.

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 48 days of teaching in Term 1. 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.



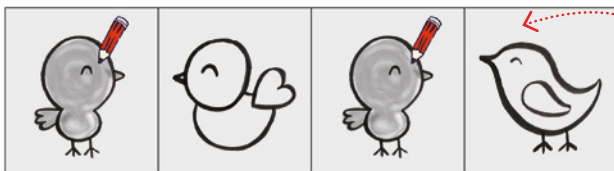
Mental Maths is the first activity every day. The teacher will lead this activity. You can play the game any day of the week.

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

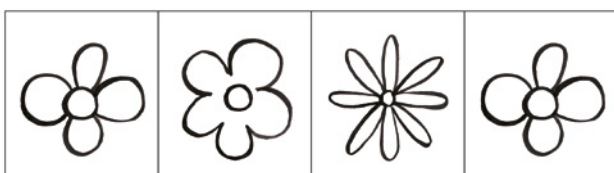


All the other pages in the book are for learners to work on independently or in groups with guidance and support from the teacher. They may be worksheets or games that will consolidate the concepts covered that day. Games are presented using cartoons of learners to show how the game should be played.

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.



- 1 Itlwaetše go tlatša rejistara ya dipalo tša masome.
Thala lerontho la gago ka foreiming.

Practise completing the base ten register. Draw your dot in a frame.

Rejistara ya phapoši

Class register



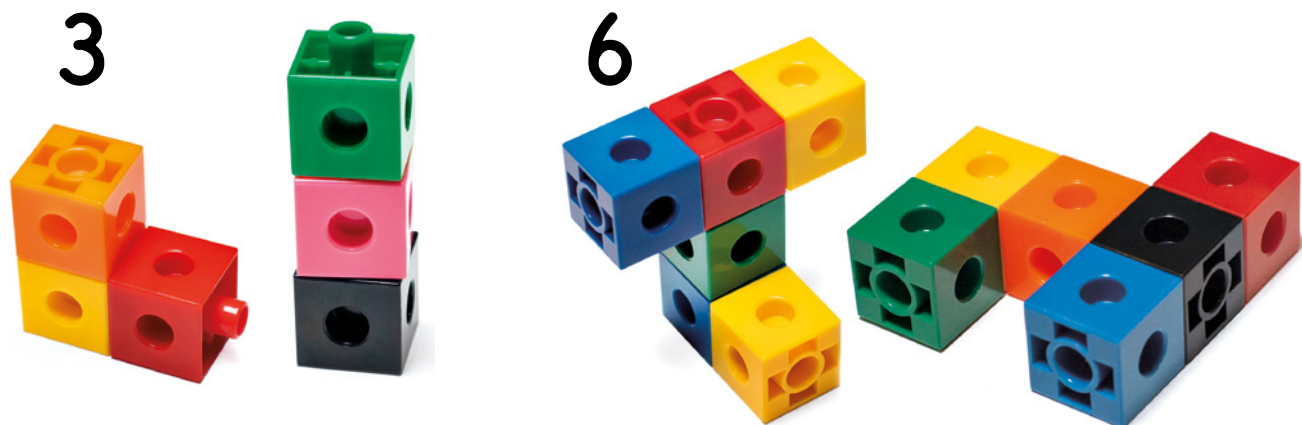


REJISTARA
REGISTER

AGA DIBOEGO TŠA PALO
BUILD NUMBER SHAPES

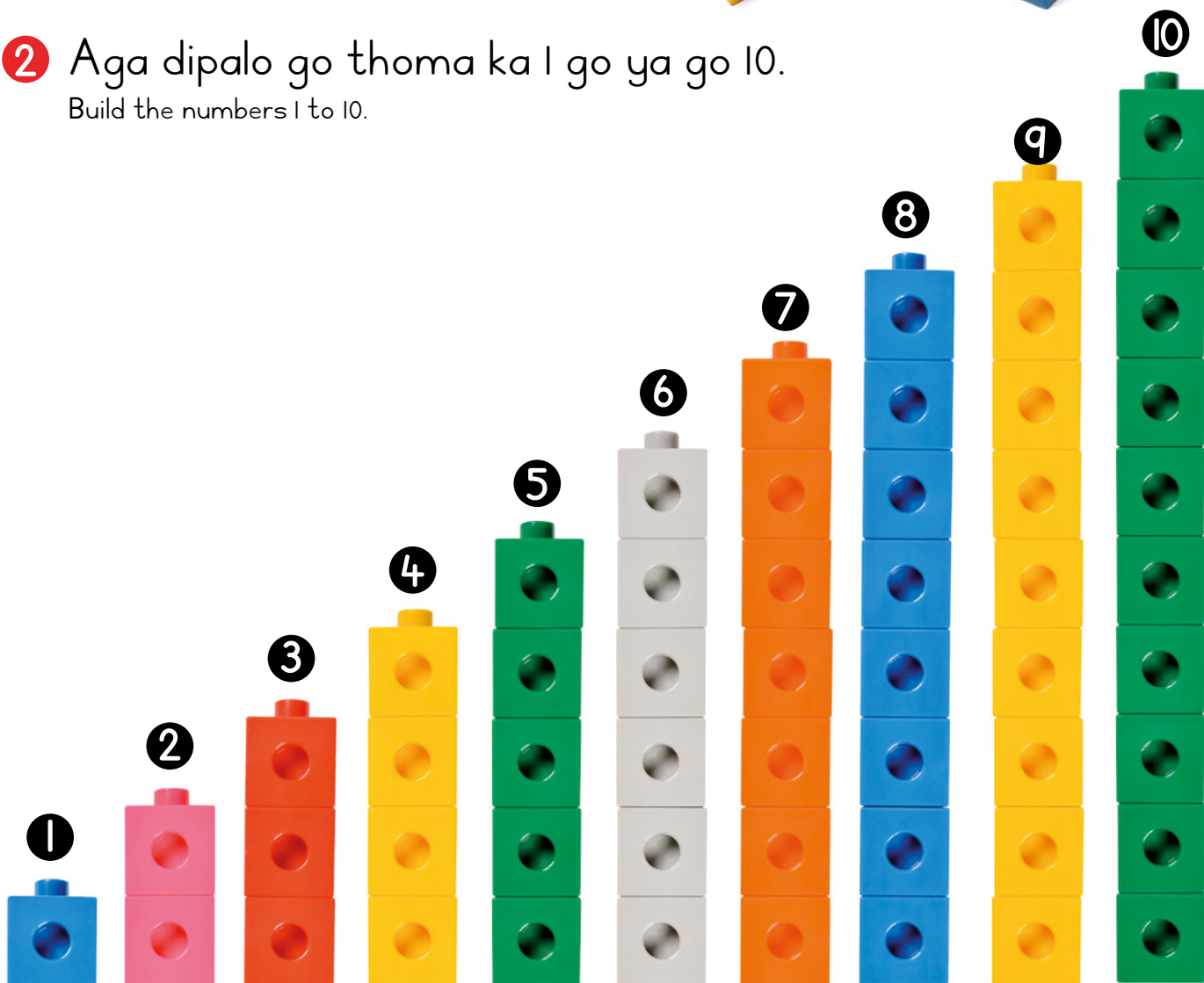
- 1 Šomiša dipoloko go aga dipalo tšeo di dirilwego ka ditsela tša go fapafapana.

Use blocks to build numbers made in different ways.



- 2 Aga dipalo go thoma ka 1 go ya go 10.

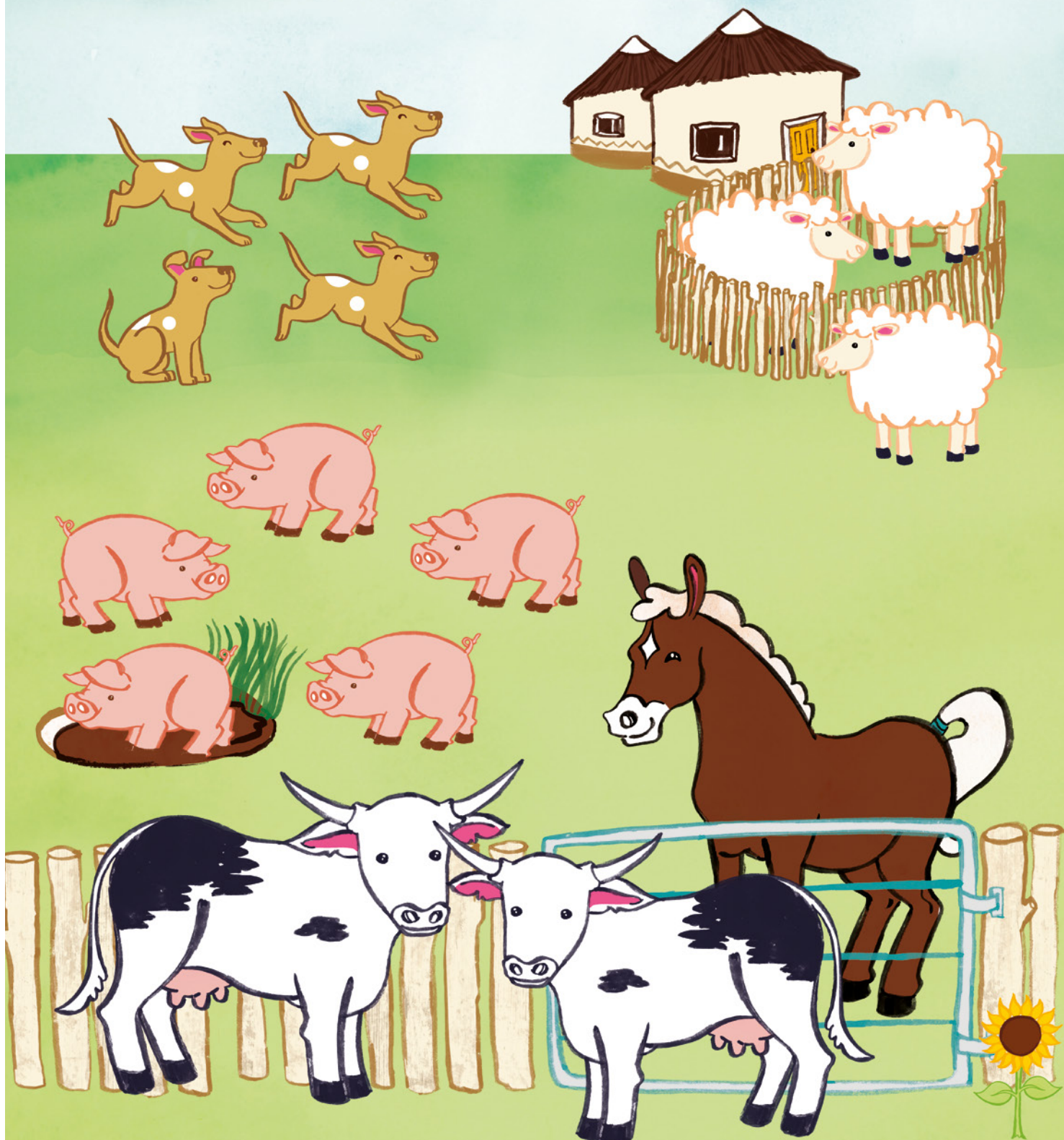
Build the numbers 1 to 10.





1 Bala diphoofolo tšeo di lego mo seswantšhong.
Na o bona tše kae?

Count the animals in the picture. How many do you see?









MMETSE
WA HLOGO
MENTAL MATHS

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

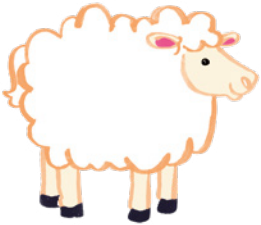
KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

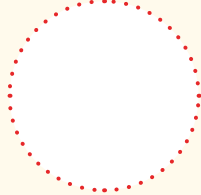
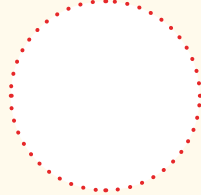
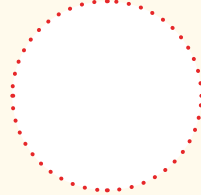
PAPADI
GAME

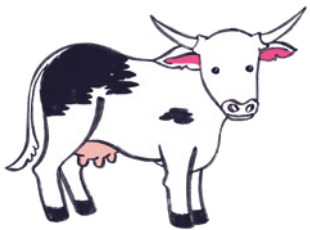
MATLAKALATŠHOMELO
WORKSHEETS

Nyalanya o be o hlaole.

Match and sort.



				
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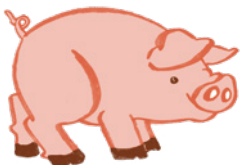
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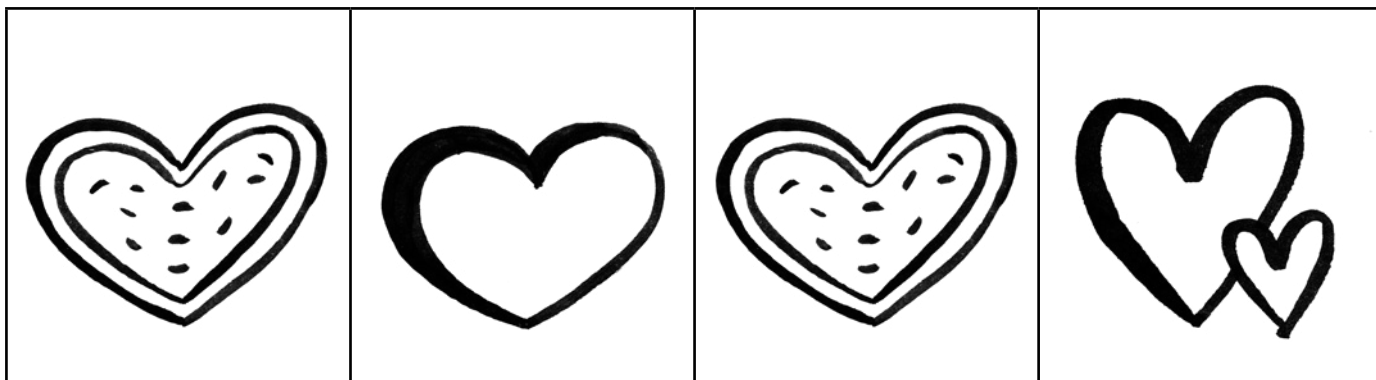
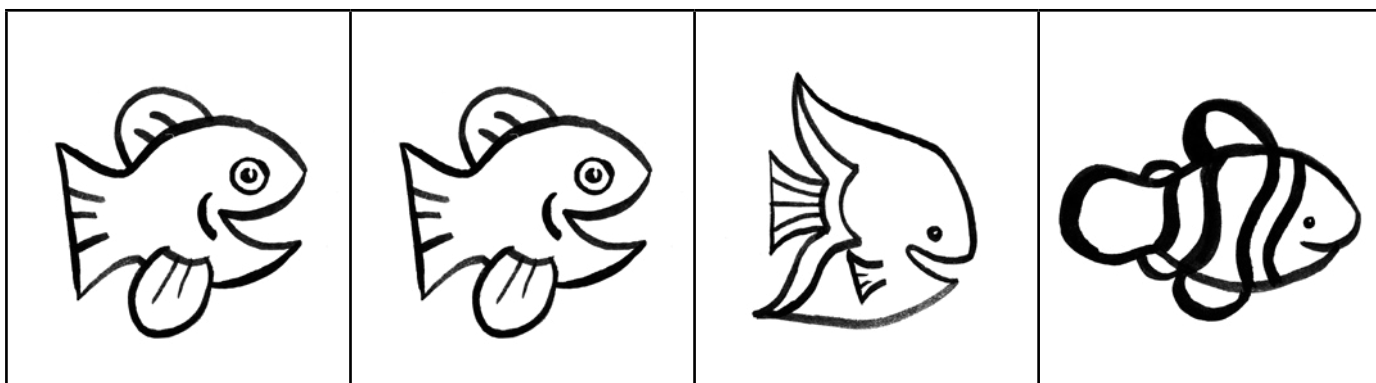
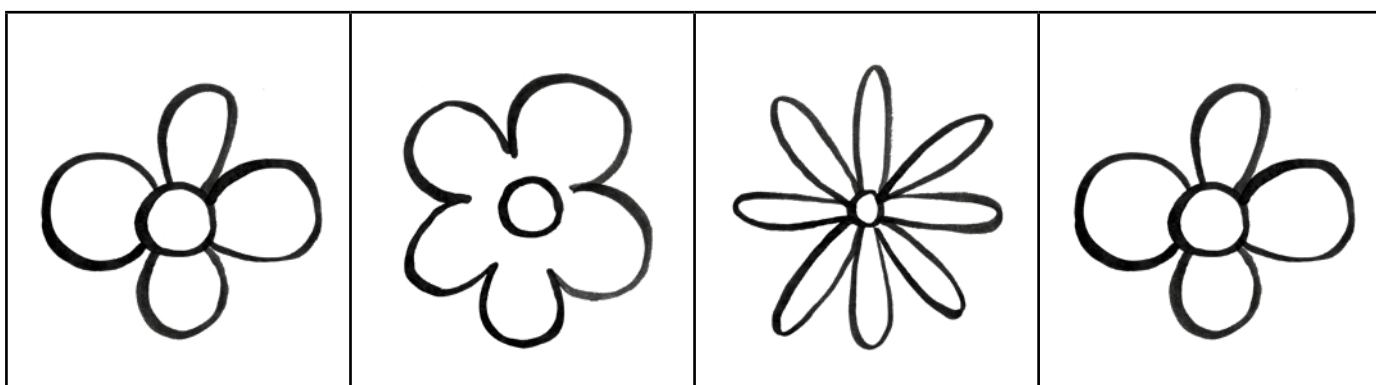
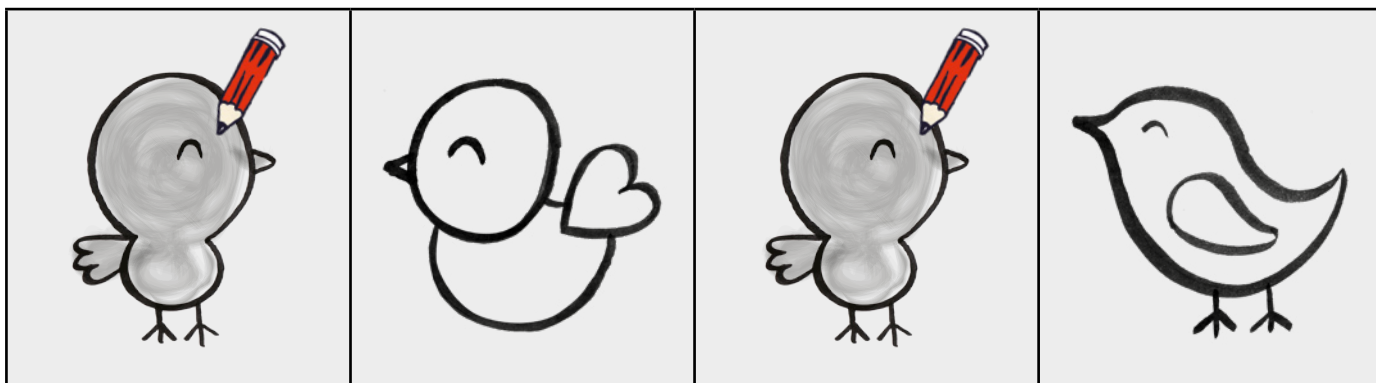
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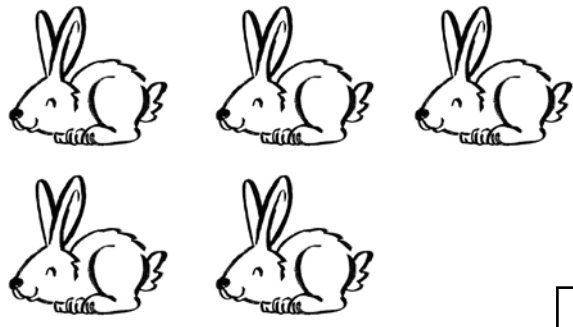
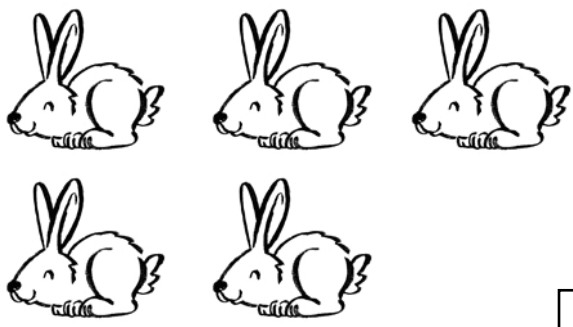
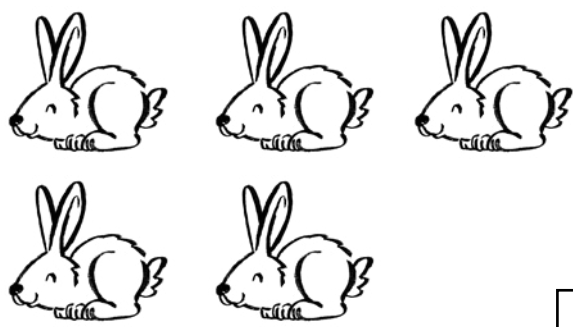
I Khalara diswantšho tše pedi tšeo di swanago.

Colour two pictures that are the **same**.



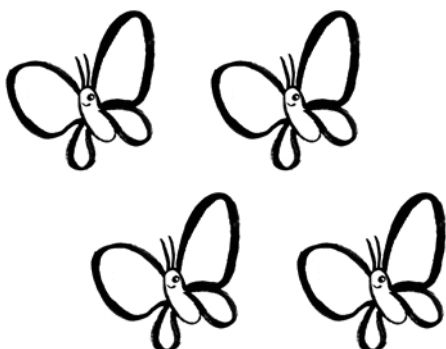
2 Khalara palo ya maleba.

Colour the correct number.

 1	 3
 5	 2

3 Bala.

Count.

 2	 3
 4	 1





MMETSE
WA HLOGO
MENTAL MATHS

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

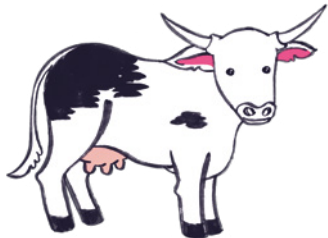
KGODIŠO YA KGOPOLO
CONCEPT DEVELOPMENT

PAPADI
GAME

MATLAKALATŠHOMELO
WORKSHEETS

Ke dife tše ntši, ke dife tše nnyane?

Which is **more** and which is **less**?



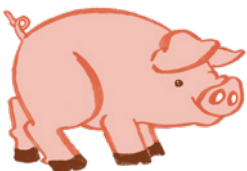
Ke dife tše ntši, ke dife tše nnyane?

Which is **more** and which is **less**?



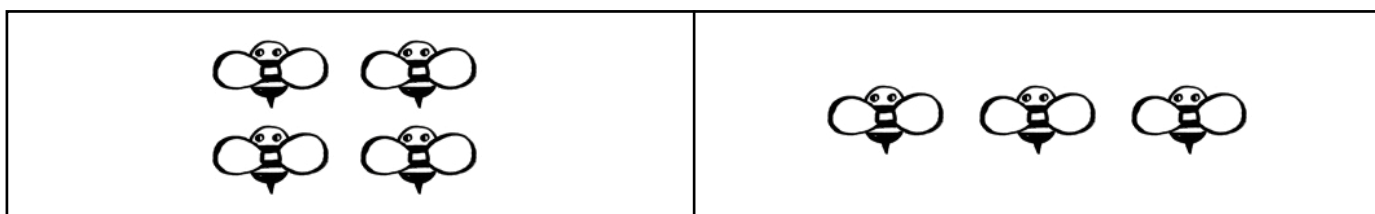
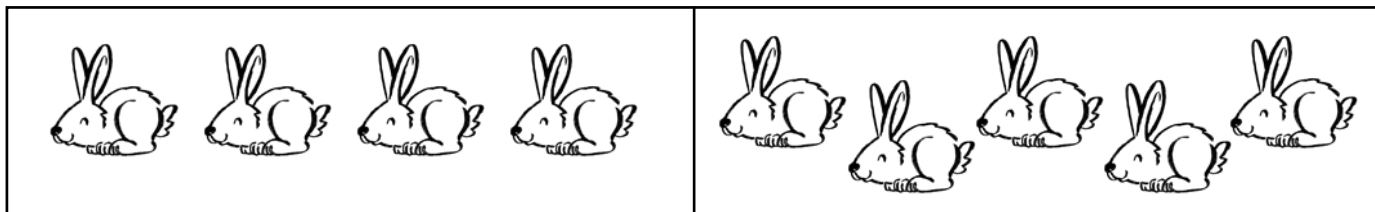
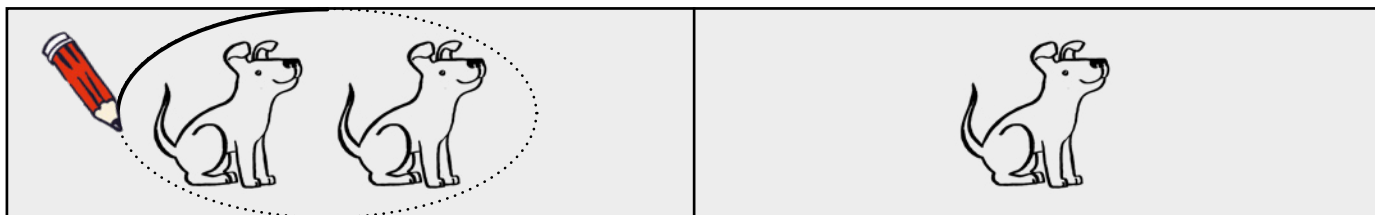
Ke dife tše ntši, ke dife tše nnyane?

Which is **more** and which is **less**?



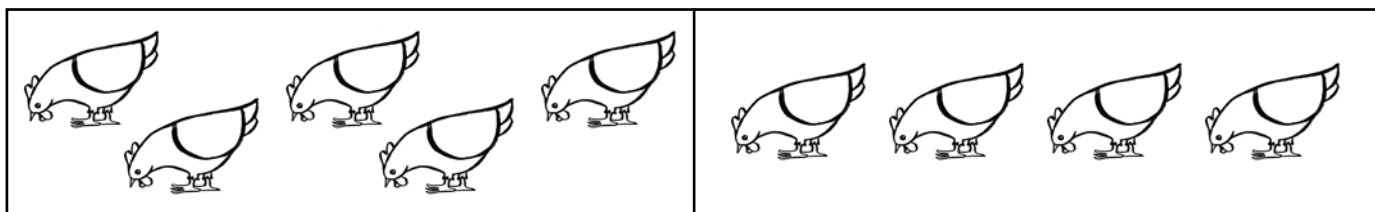
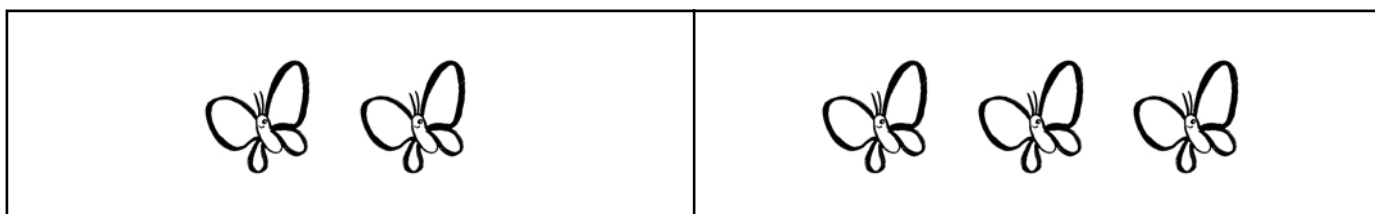
1 Thala sediko go sete ya tše ntši.

Circle the set with **more**.



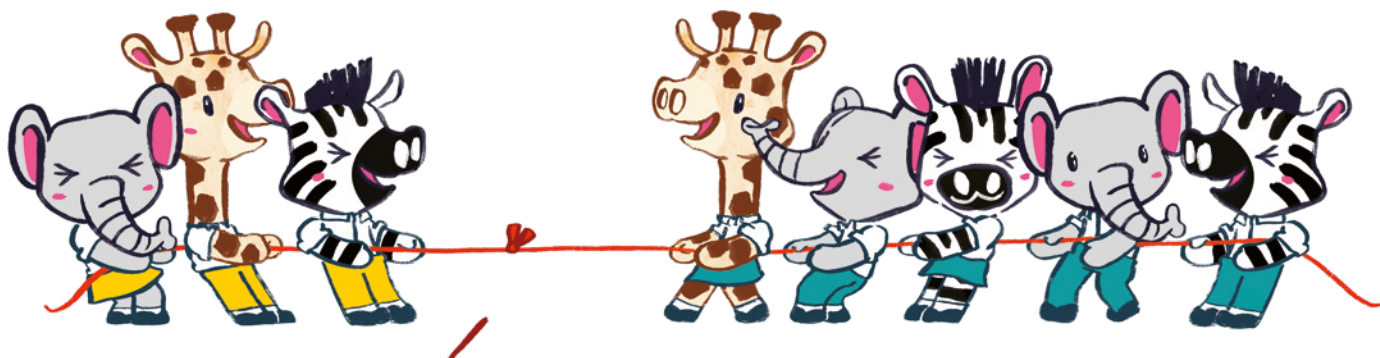
2 Thala sediko go sete ya tše nnyane.

Circle the set with **less**.



3 Na se se lokile? Ka lebaka la eng?

Is this fair? Why?





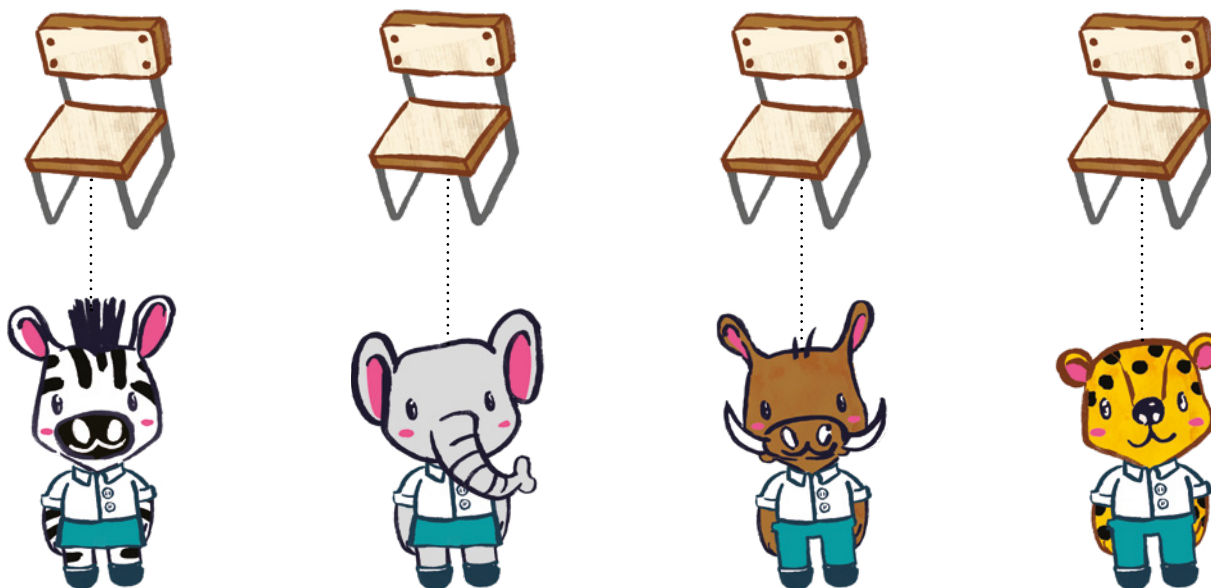
MMETSE
WA HLOGO
MENTAL MATHS

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KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

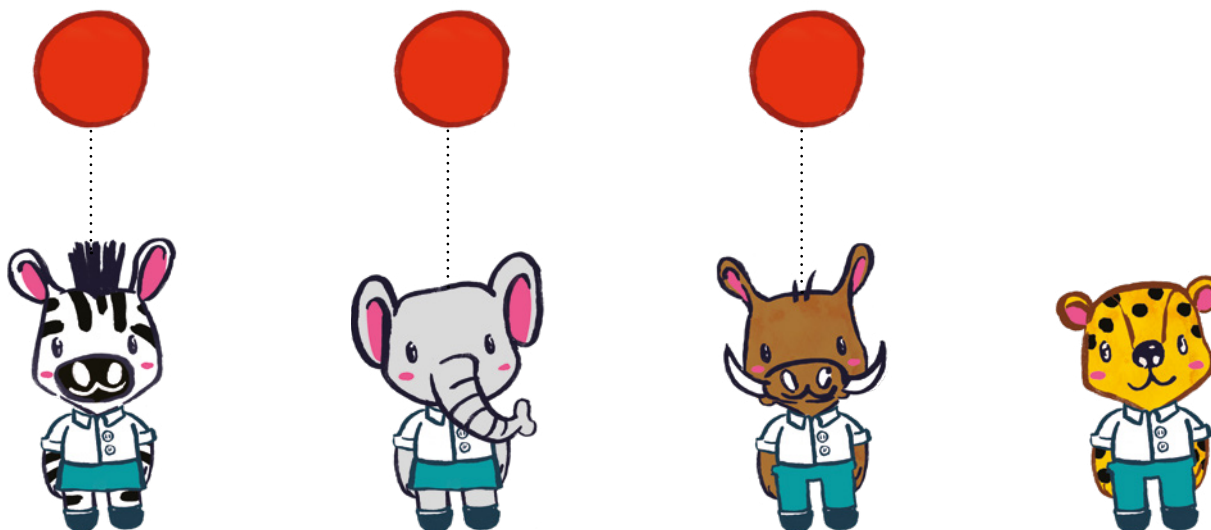
PAPADI
GAME

MATLAKALATŠHOMELO
WORKSHEETS



Palo ya ditulo e lekana le palo ya barutwana.

The number of chairs is the **same** as the number of learners.

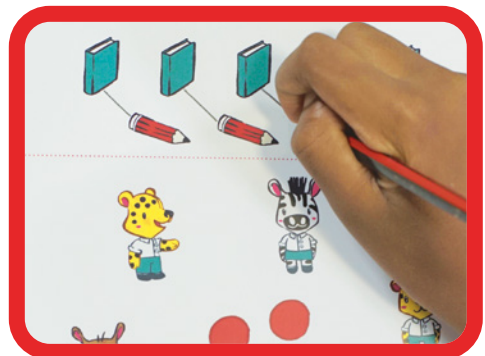
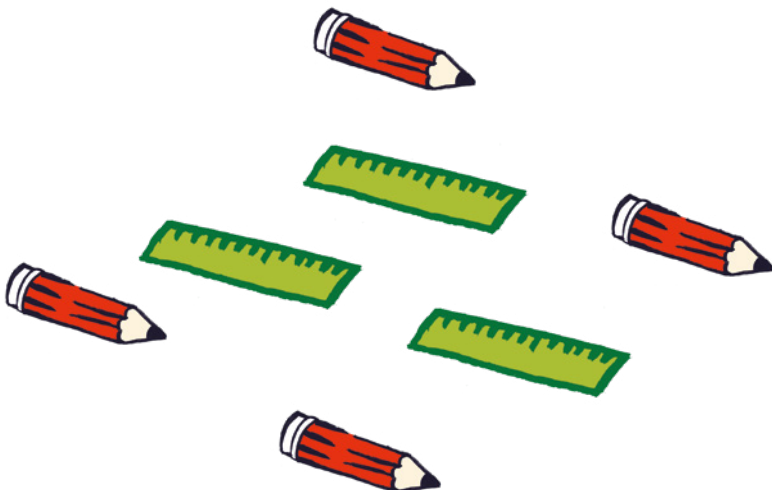
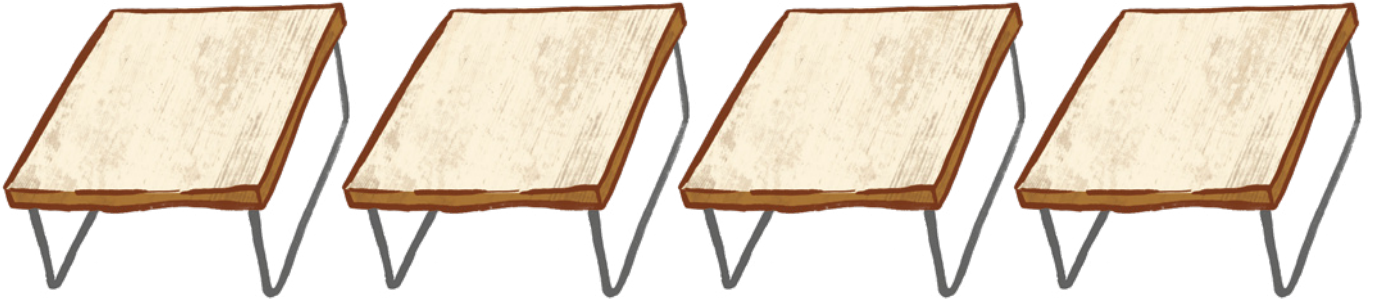
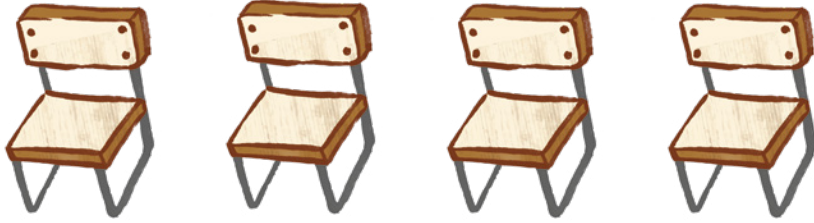


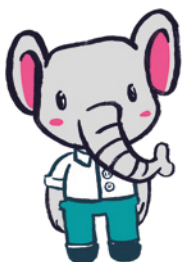
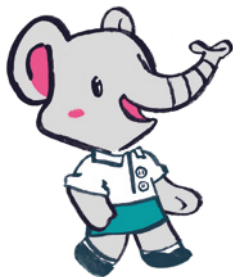
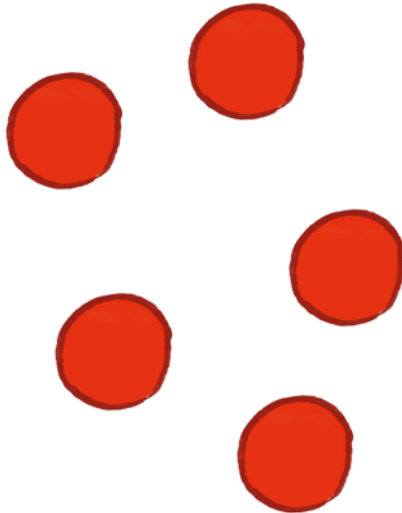
Go na le dikgwele tše nnyane go barutwana.

There are **less** balls **than** learners.

Go na le barutwana ba ba ntši go feta dikgwele.

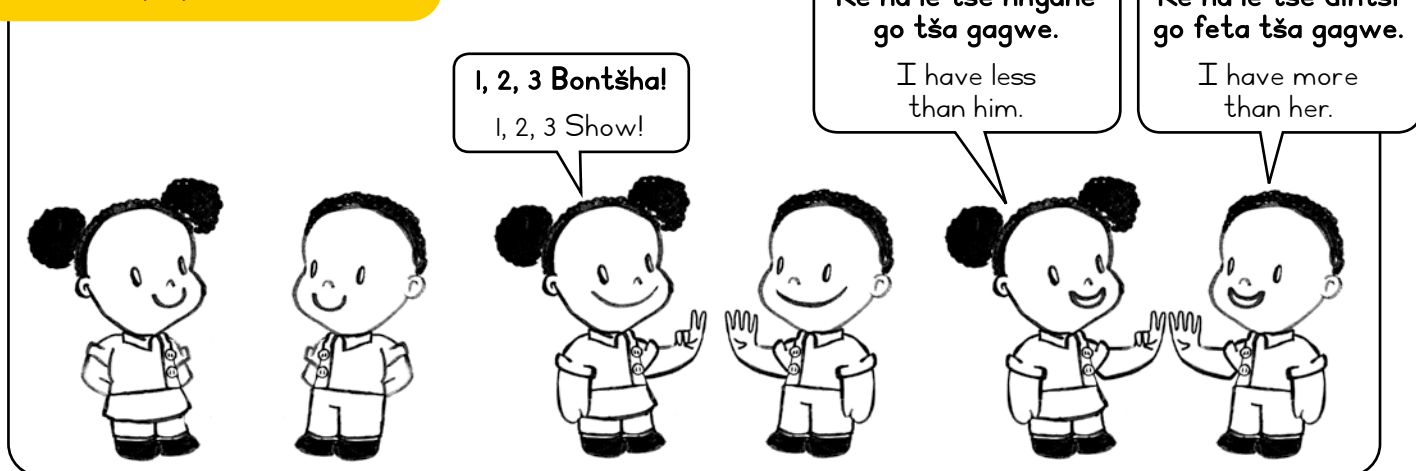
There are **more** learners **than** balls.





Papadi: 1, 2, 3 Bontšha

Game: 1, 2, 3 Show

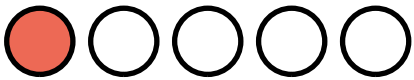
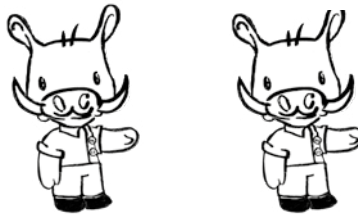
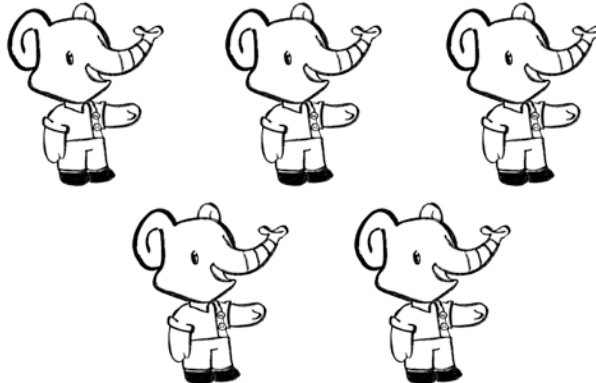


1 Ke afe mapokisi ao a nago le palo ya go lekana ya dilo? Swaya ka ✓ ka mapokising ao a nago le palo ya go lekana ya dilo.

Which boxes have the **same** number of objects? Put a tick ✓ in the boxes with the **same** number of objects.

2 Nyalanya diswantšho le palo ya go lekana ya marontho ao a khalarilwego.

Match the pictures to the **same** number of shaded dots.

Dipalo 1 go ya go 5

The numbers 1 to 5

MMETSE
WA HLOGO
MENTAL MATHS

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

KGODIŠO YA KGOPOLO
CONCEPT DEVELOPMENT

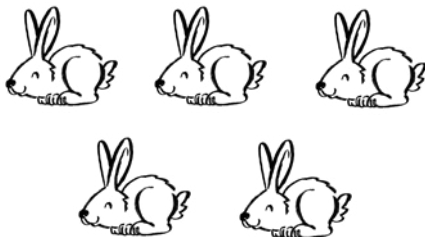
PAPADI
GAME

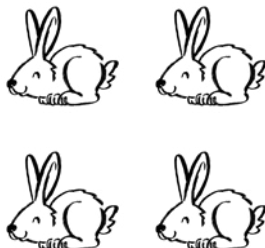
MATLAKALATŠHOMELO
WORKSHEETS

I Na ke mebutla ye mekae? Thala sediko go palo ya maleba.
How many rabbits? Circle the correct number.

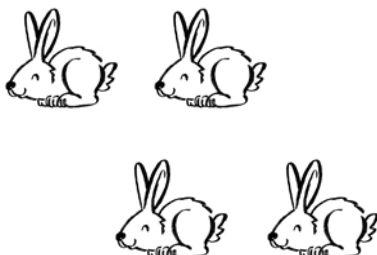
	1
	2
	3

	1
	2
	3

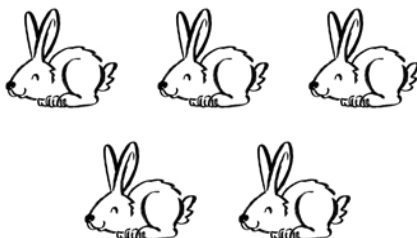
	3
	4
	5

	3
	4
	5

	2
	3
	4

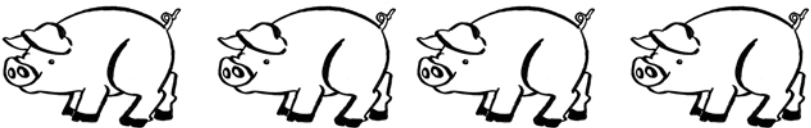
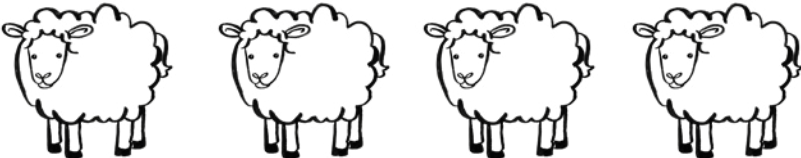
	2
	3
	4

	3
	2
	4

	6
	5
	7

2 Bala. Thala sediko go palo ya maleba.

Count. Circle the correct number.

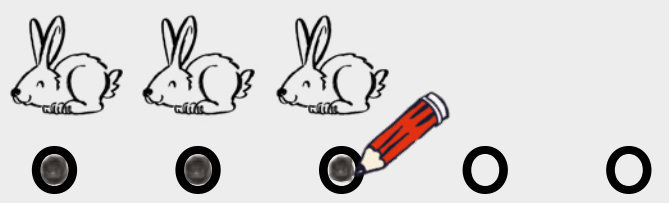
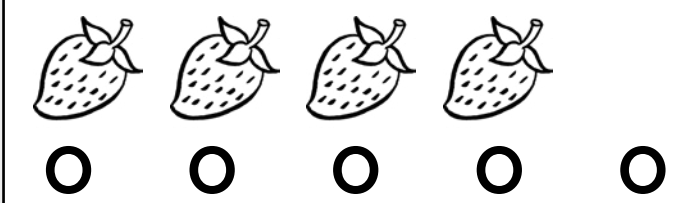
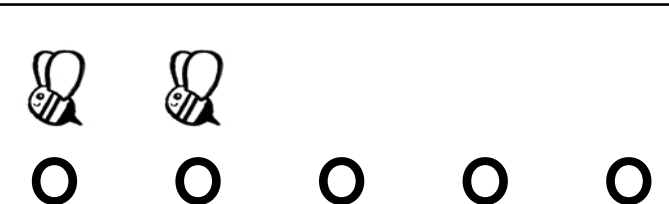
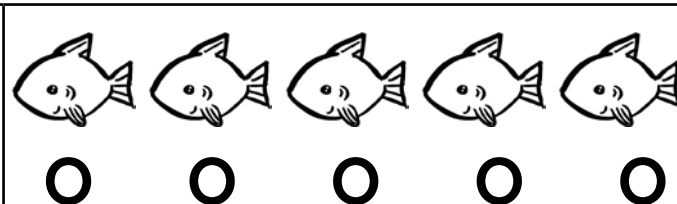
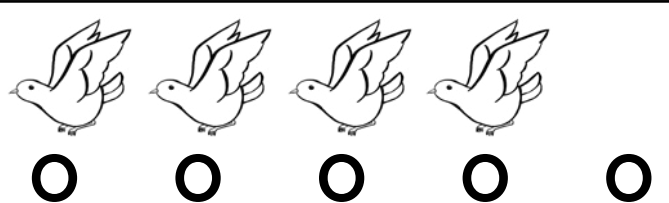
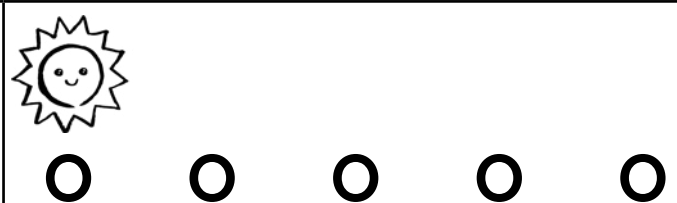
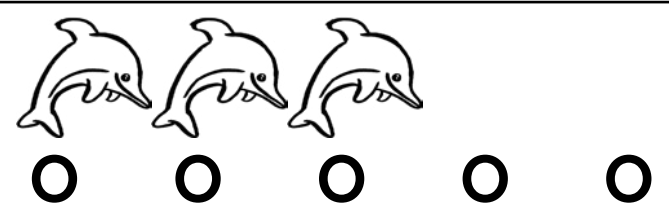
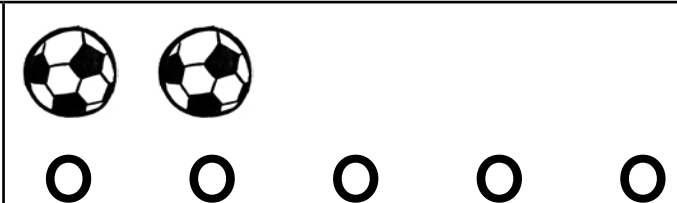
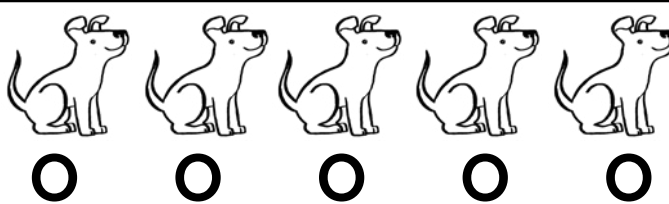
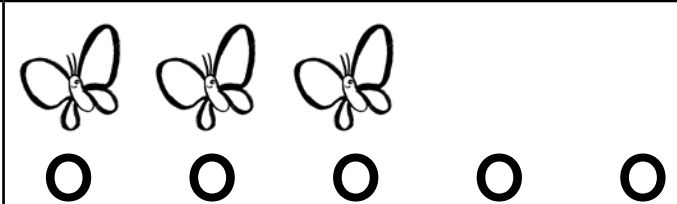
	 1 4 3 2 5
	1 4 3 2 5
	1 4 3 2 5
	1 4 3 2 5
	1 4 3 2 5
	1 4 3 2 5
	1 4 3 2 5

LETLAKALATŠHOMELO
WORKSHEET

LETLAKALATŠHOMELO
WORKSHEET

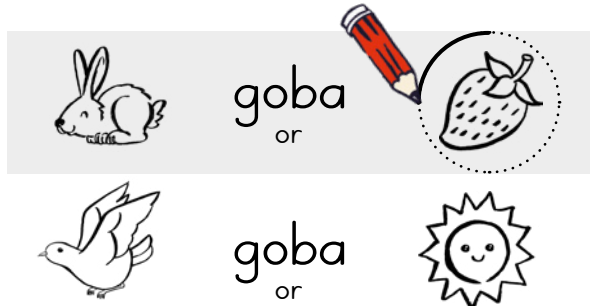
1 Khalara palo ya **O** ya go lekana le palo ya dilo.

Colour the **same** number of **O** as the number of objects.

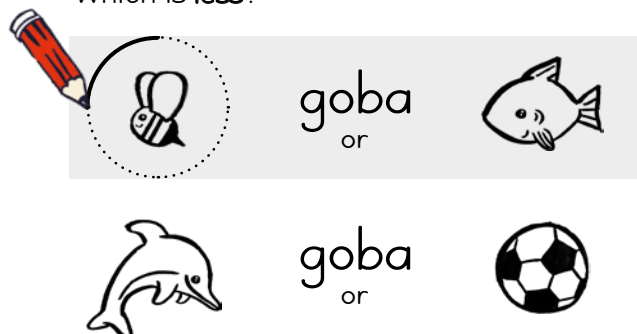
2 Ke dife tše ntši?

Which is **more**?



3 Ke dife tše nnyane?

Which is **less**?



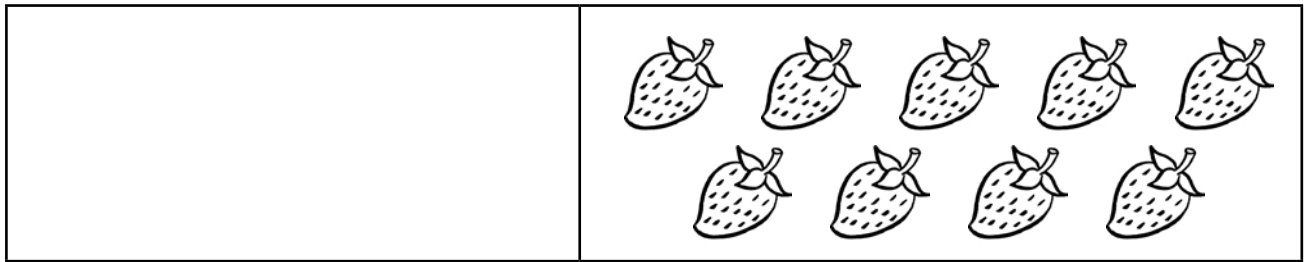
4 Thala khutlonne e
tee ye kgolo.

Draw one big square.



Khalara stroberi se tee.

Colour one strawberry.



5 Bala. Thala sediko go palo yeo e nepagetšego.

Count. Circle the correct number.

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

MMETSE
WA HLOGO
MENTAL MATHS

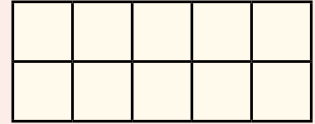
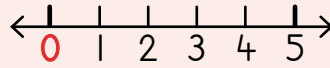
DIPALO 0-5
NUMBERS 0-5

KGODIŠO YA KGOPOLO
CONCEPT DEVELOPMENT

PAPADI
GAME

MATLAKALATŠHOMELO
WORKSHEETS

lefeela
zero

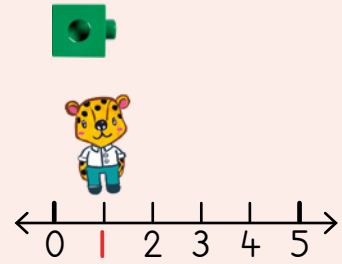
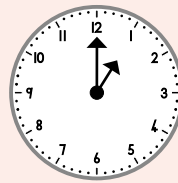
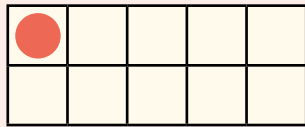


I Šomiša menwana ya gago go dira dipalo tše. Gatiša.
Use your fingers to make these numbers. Trace.

	0	
	1	1
	2	2
	3	3
	4	4
	5	5

tee

one



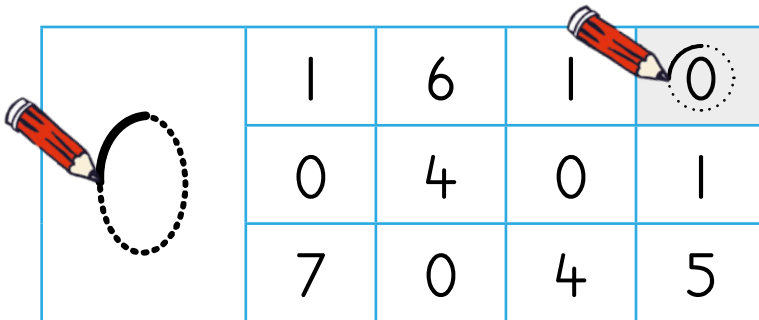
2 Khalara palo ya dipoloko.

Colour in the number of blocks.



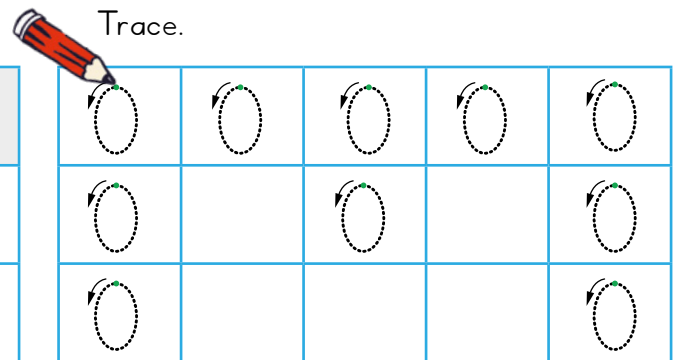
3 Thala sediko go mafeela ka moka (0).

Circle all the zeros.



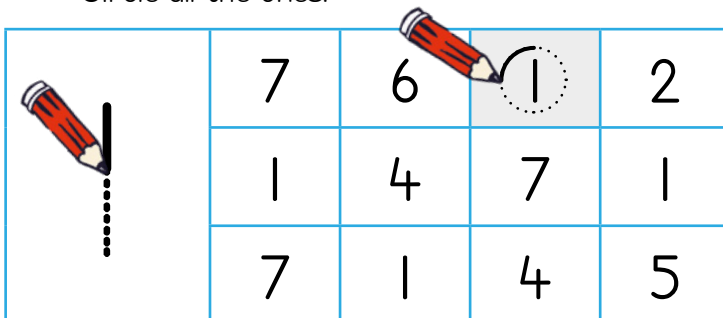
Gatiša.

Trace.



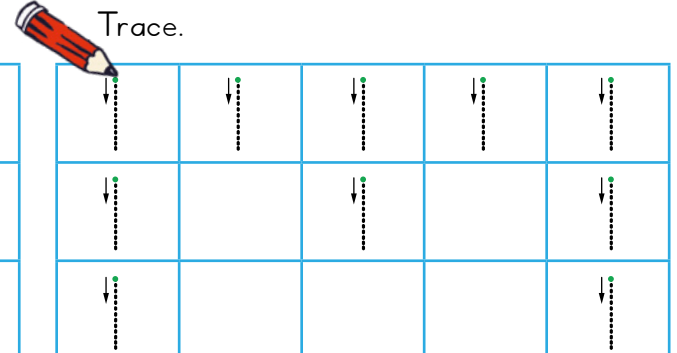
4 Thala sediko go botsee ka moka.

Circle all the ones.



Gatiša.

Trace.





MMETSE
WA HLOGO
MENTAL MATHS

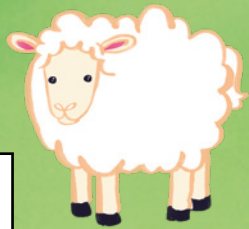
DIPALO 0-5
NUMBERS 0-5

KGODIŠO YA KGOPOLO
CONCEPT DEVELOPMENT

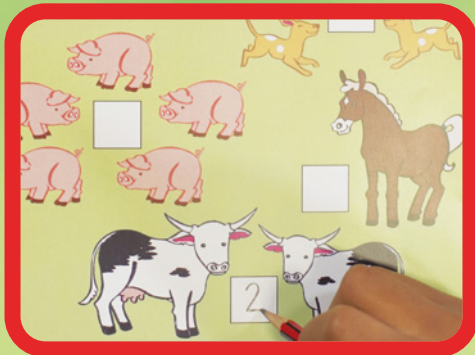
PAPADI
GAME

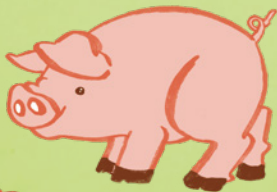
MATLAKALATŠHOMELO
WORKSHEETS

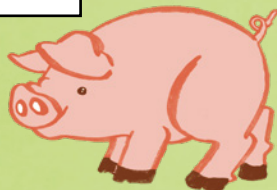
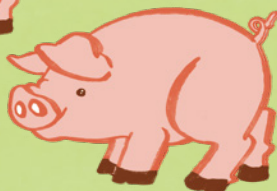




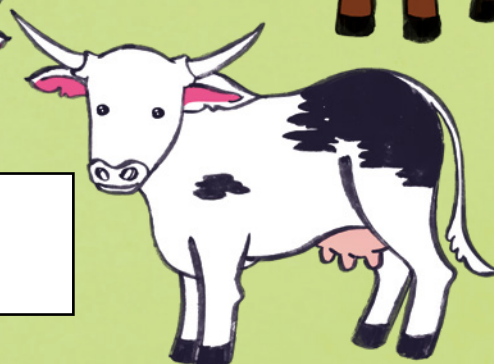
1	2	3	4	5











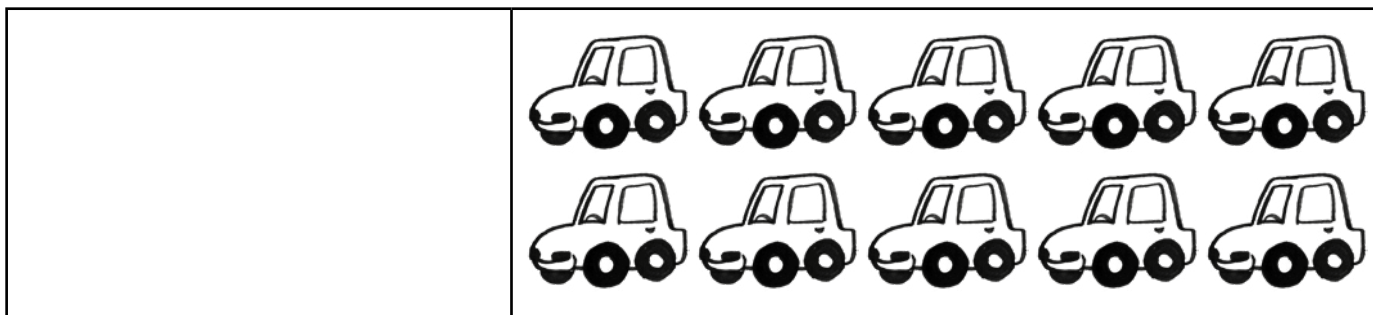
1 Thala didiko
tše 2.

Draw 2 circles.



Khalara dikoloi tše 2.

Colour 2 cars.



Thala sediko ga bopedi ka moka.

Circle all the twos.

Gatiša.

Trace.

	2	4	2	4		2	2	2	2	2
	4	3	7	1		2		2		2
	1	5	2	3		2				2

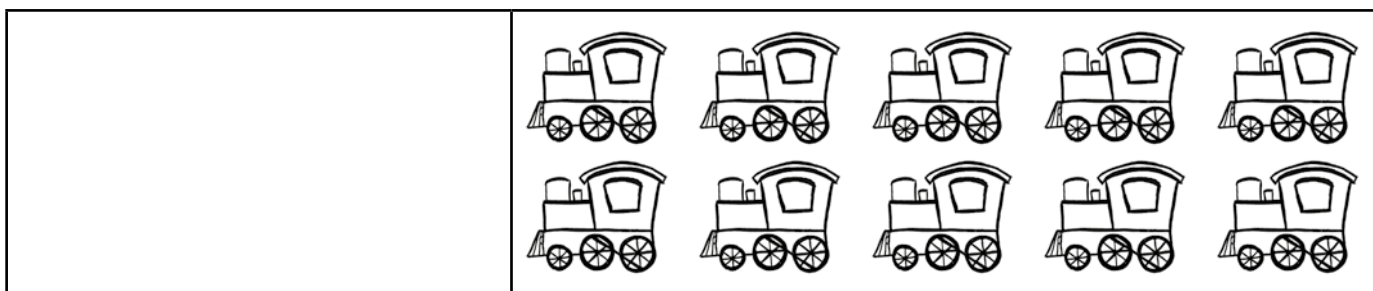
2 Thala dikhutlonne
tše 3.

Draw 3 squares.



Khalara diterene tše 3.

Colour 3 trains.



Thala sediko ga botharo ka moka.

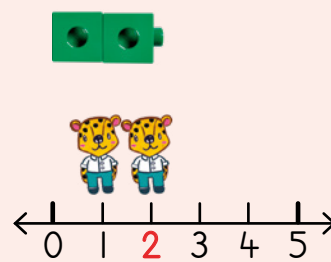
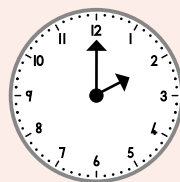
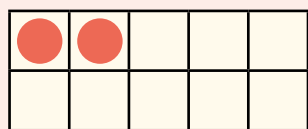
Circle all the threes.

Gatiša.

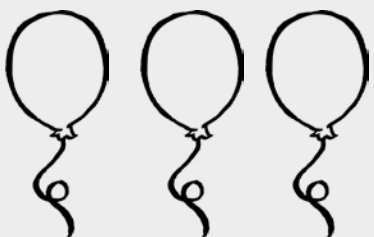
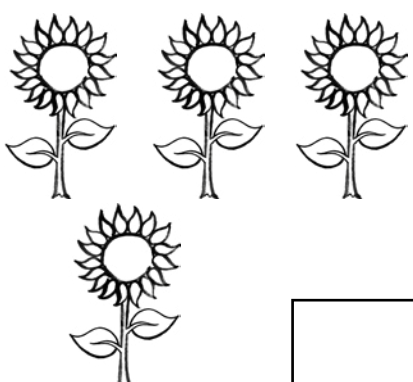
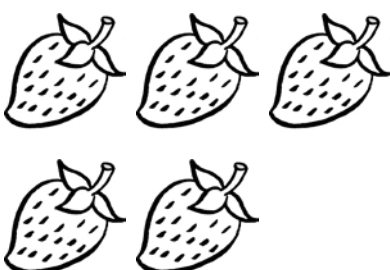
Trace.

	4	4	2	4		3	3	3	3	3
	2	3	7	1		3		3		3
	1	5	3	3		3				3

pedi
two
2



3 Bala. Ngwala palo.
Count. Write the number.

MMETSE
WA HLOGO
MENTAL MATHS

DIPALO 0-5
NUMBERS 0-5

KGODIŠO YA KGOPOLO
CONCEPT DEVELOPMENT

PAPADI
GAME

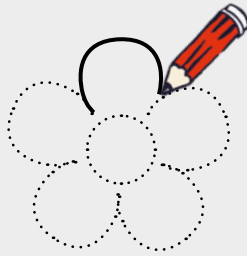
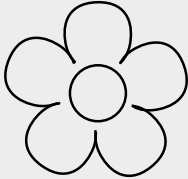
MATLAKALATŠHOMELO
WORKSHEETS

I Thala diswantšho.

Draw pictures.

Leloba le 1

1 flower



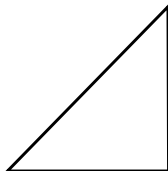
Difahlego tše 2

2 faces



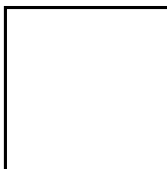
Dikhutlotharo tše 3

3 triangles



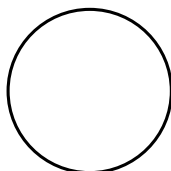
Dikhutlonne tše 4

4 squares

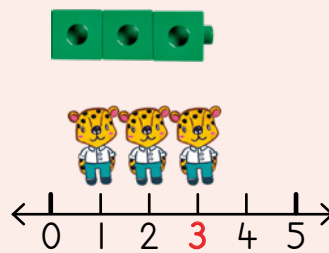
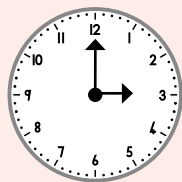
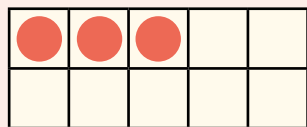


Didiko tše 5

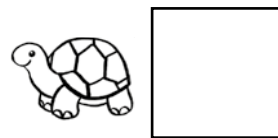
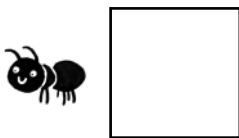
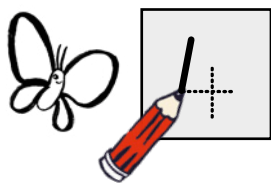
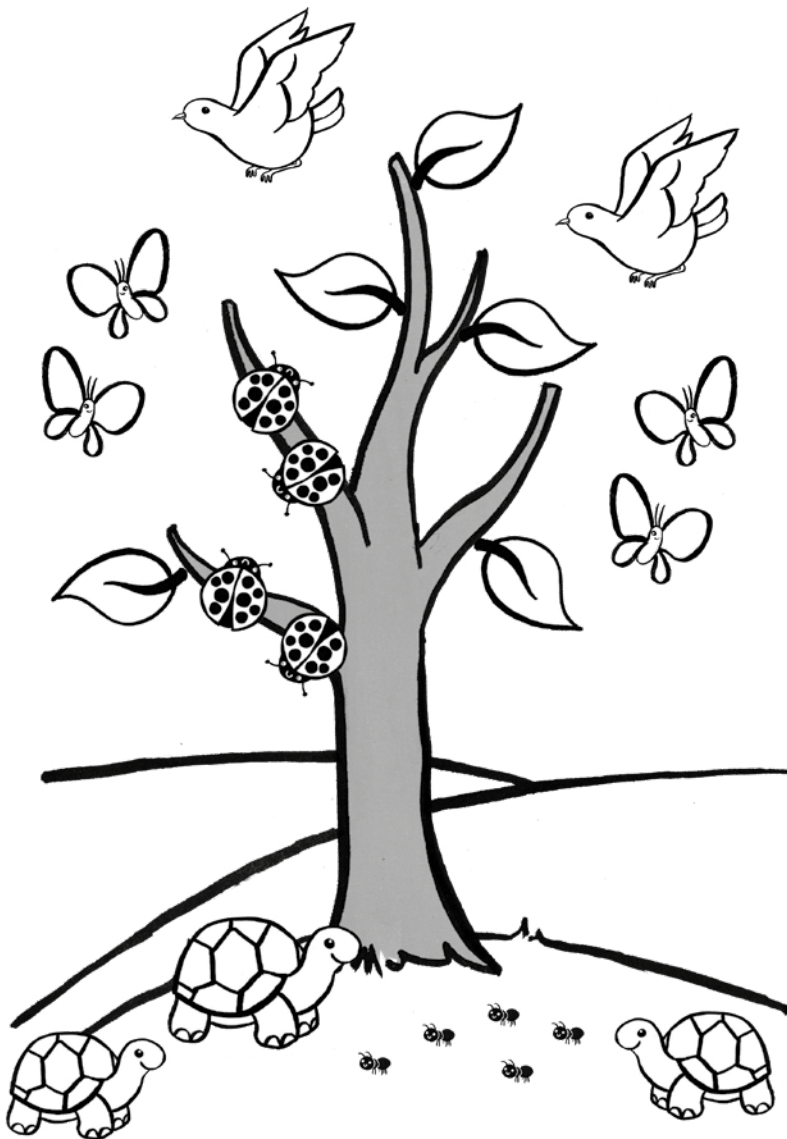
5 circles



tharo
three
3



2 Bala.
Count.



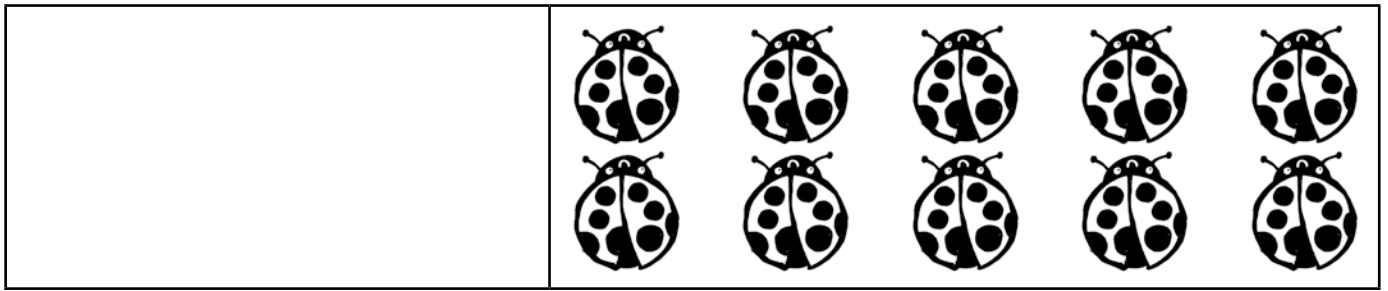
3 Thala dikhutlonne
tše 4.

Draw 4 squares.



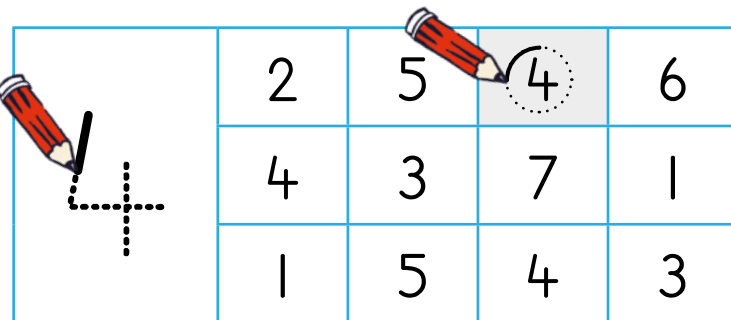
Khalara podilekgwane
tše 4.

Colour 4 ladybirds.



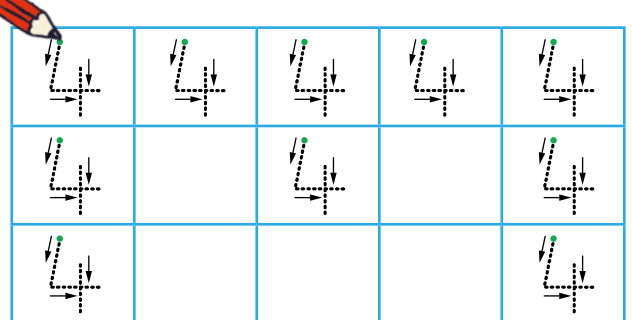
Thala sediko ga bo4 ka moka.

Circle all the 4s.



Gatiša.

Trace.



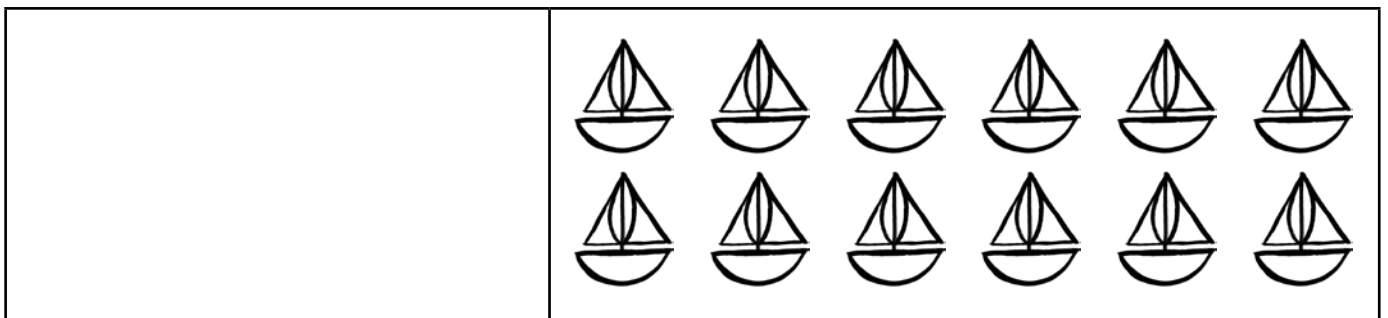
4 Thala
dikhutlotharo tše 5.

Draw 5 triangles.



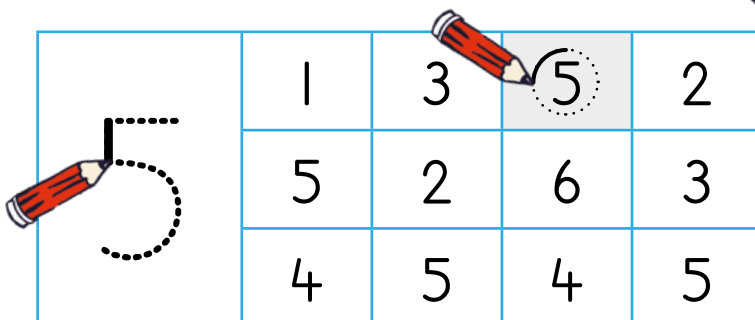
Khalara dikepe tše 5.

Colour 5 boats.



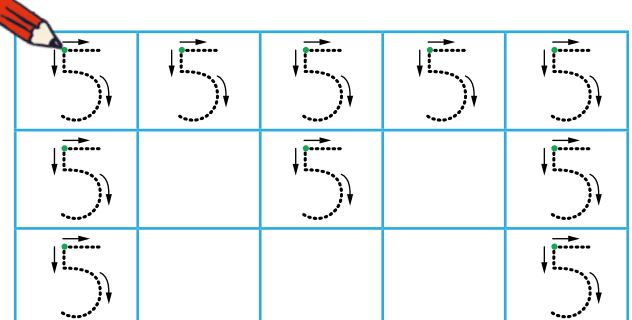
Thala sediko ga bo5 ka moka.

Circle all the 5s.



Gatiša.

Trace.





0 lefeela
zero

1 tee
one

2 pedi
two





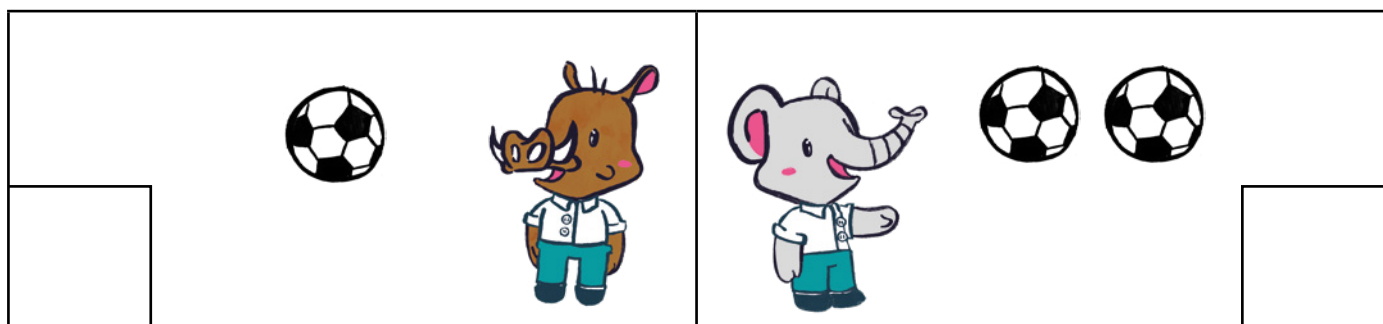
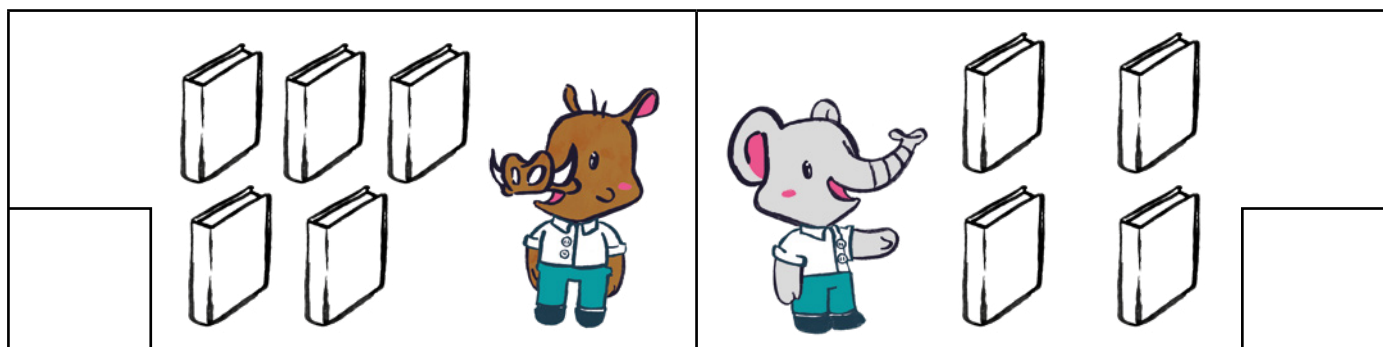
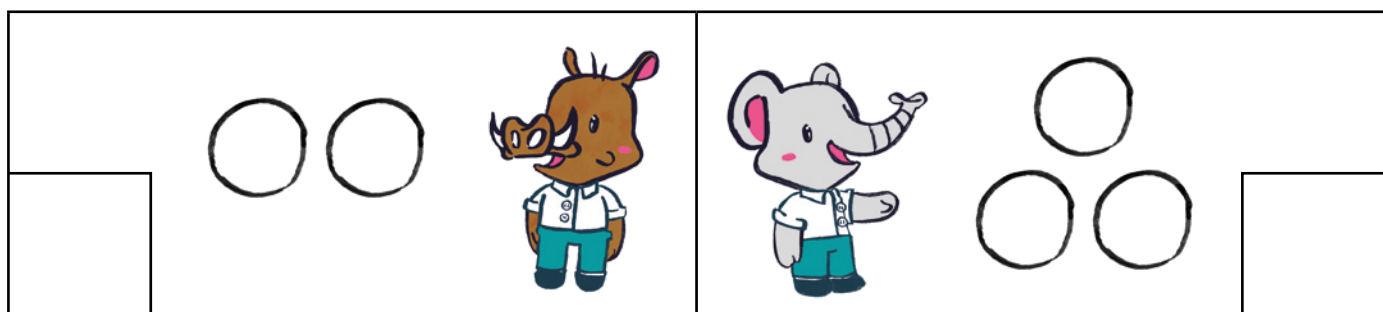
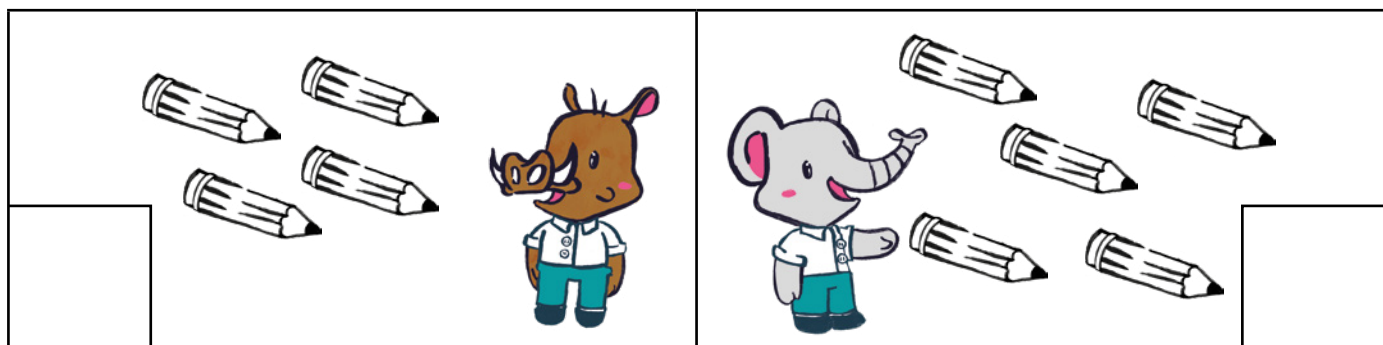
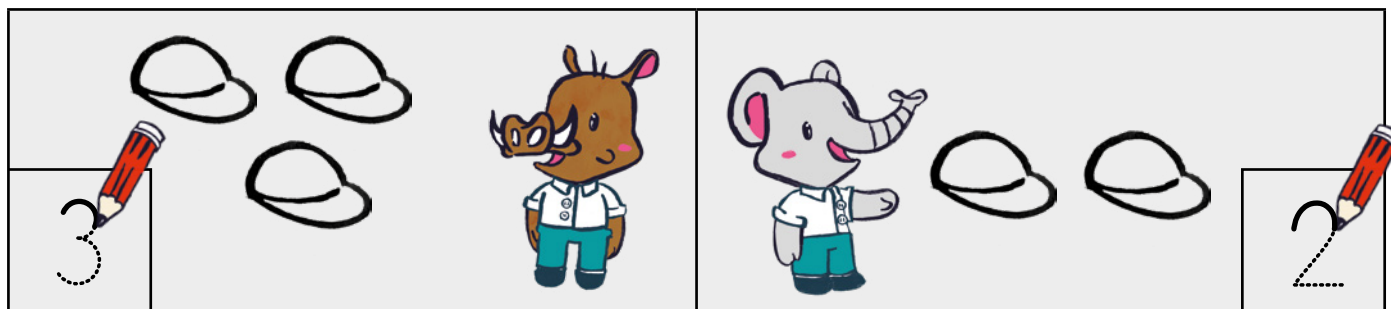
3 tharo
three


4 nne
four

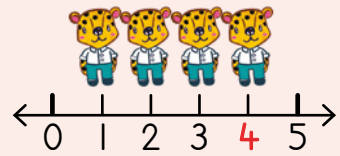
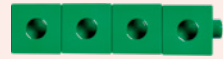
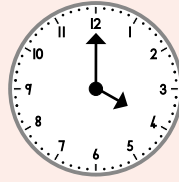
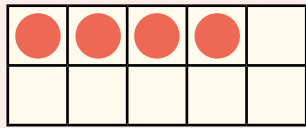
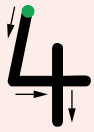

5 hlano
five


1 Ngwala go re phoofolo ye nngwe le ye nngwe e na le dilo tše kae.

Write how many objects each animal has.

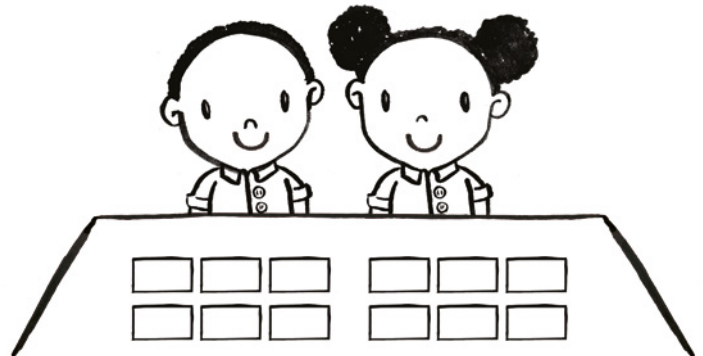


nne
four



Papadi: Ke mang yoo a nago le palo ye kgolo?
Game: Who has the bigger number?

- 1 Hlakahlakantšha dikarata tša gago tša 0–5.
Mix your 0–5 cards.

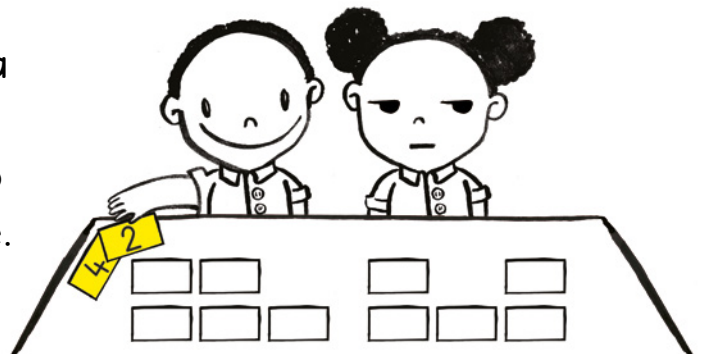


- 2 Ribollang karata e 1 ka o tee ka o tee. Ke efe karata yeo e nago le palo ye kgolo?
Turn over 1 card each. Which card has the **bigger** number?

Ya ka ke ye kgolo.
Mine is bigger.



- 3 Morutwana yoo karata ya gagwe e nago le palo ye kgolo o swara dikarata ka bobedi. Ge di sa swane, morutwana ka o tee ka o tee o swara karata e tee.
The learner whose card has the **bigger** number keeps both cards. If they are the same keep one card each.



- 4 Mothopasefoka ke yoo a nago le dikarata tše dintši.
The winner is the one who has **more** cards.

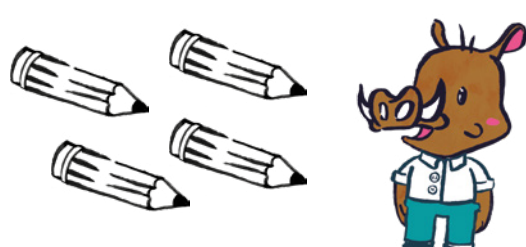
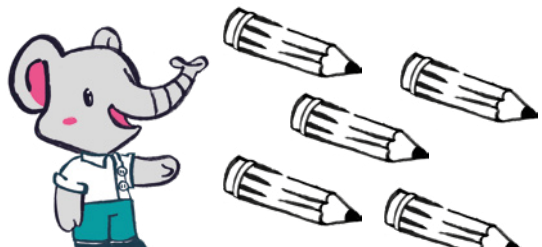
LETLAKALATŠHOMELO
WORKSHEET

PAPADI
GAME

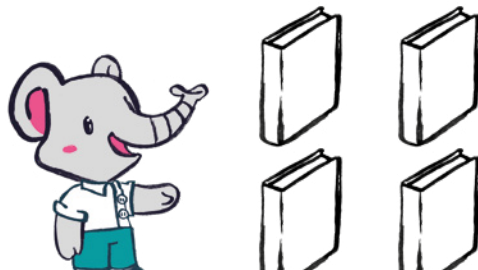
1 Thala sediko go phoofolo yeo e nago le tše dintši.

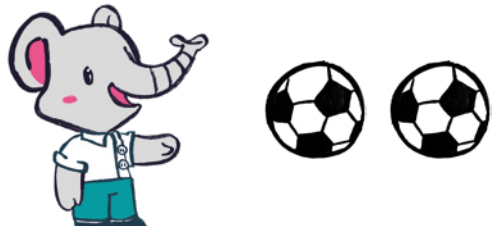
Circle the animal that has more.

 3	 2
--	---

 4	 5
---	--

 2	 3
--	---

 5	 4
--	---

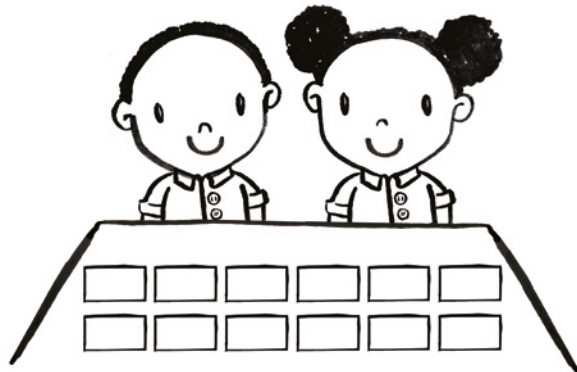
 1	 2
--	---

Papadi: Papadi ya go gopola le go nyalanya dipalo

Game: Matching numbers memory game

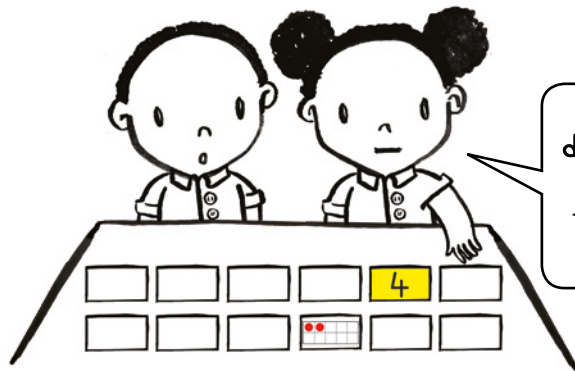
- 1 Šomiša dikarata tša gago tša palo 0 go ya go 5 le dikarata tša lerontho go raloka papadi ye.

Use your 0 to 5 number cards and dot cards to play this game.



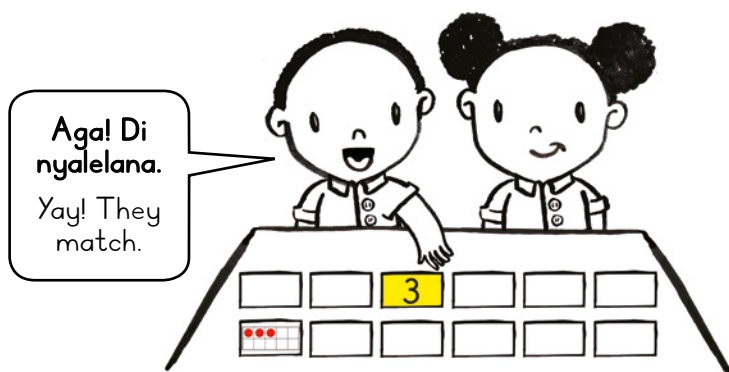
- 2 Ribolla karata e tee ya palo le karata e tee ya lerontho. Ge e le go re ga di nyalelane, di ribege gape.

Turn over one number card and one dot card. If they don't match turn them back over.



- 3 Ge e le go re di nyalelane, swara dikarata.

If they do match keep the cards.



- 4 Mothopasefoka ke yoo a nago le dikarata tše dintši.

The winner is the one who has more cards.

MMETSE
WA HLOGO
MENTAL MATHS

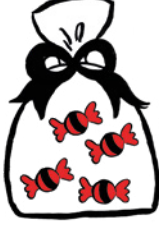
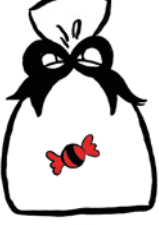
NTŠI GO LE NNYANE GO
MORE THAN AND
LESS THAN

KGODIŠO YA KGOPOLO
CONCEPT DEVELOPMENT

PAPADI
GAME

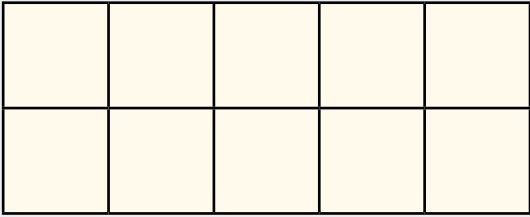
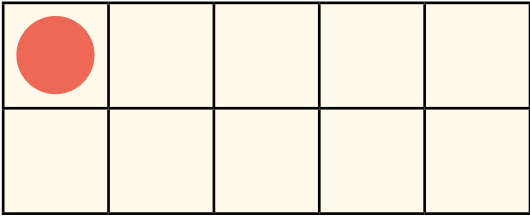
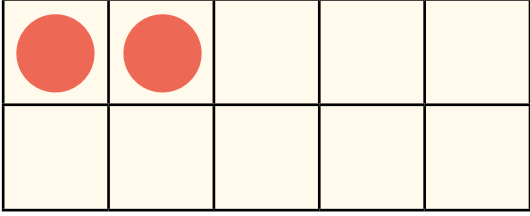
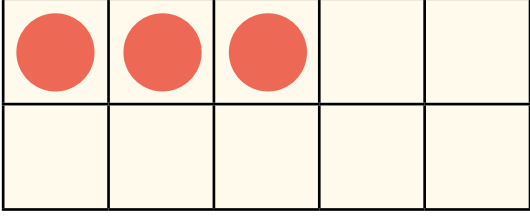
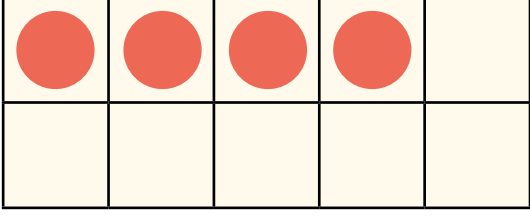
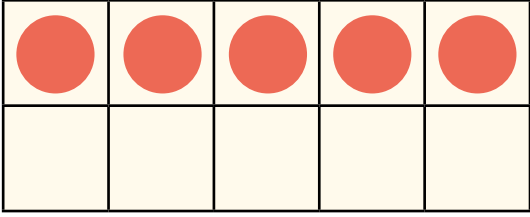
MATLAKALATŠHOMELO
WORKSHEETS

1 Nyalanya.
Match.

0		tharo three
1		hlano five
2		pedi two
3		lefeela zero
4		nne four
5		tee one

2 Gatiša mainapalo.

Trace the number names.

	0	 lefeela zero
	1	tee one
	2	pedi two
	3	tharo three
	4	nne four
	5	hlano five



MMETSE
WA HLOGO
MENTAL MATHS

NTŠI GO LE NNYANE GO
MORE THAN AND
LESS THAN

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

PAPADI
GAME

MATLAKALATŠHOMELO
WORKSHEETS

Terene ya dipoloko tše 3 ke ye.

Here is a train of 3 blocks.



Dira terene ya go ba le
dipoloko tše dintši ka 1.

Make a train with 1 more block.



Na go na le dipoloko tše kae
tereneng ya gago?

How many blocks are there in your train?

4

Terene ya dipoloko tše 3 ke ye.

Here is a train of 3 blocks.



Dira terene ya go ba le
dipoloko tše dintši ka 2.

Make a train with 2 more blocks.



Na go na le dipoloko tše kae
tereneng ya gago?

How many blocks are there in your train?

5

Bala o be o bapetše.

Count and compare.



5 ke ye kgolo
kudu go 3.

5 is bigger than 3.



3 ke ye nnyane
kudu go 5.

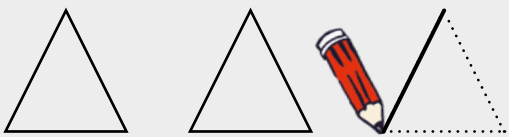
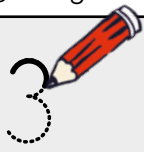
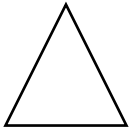
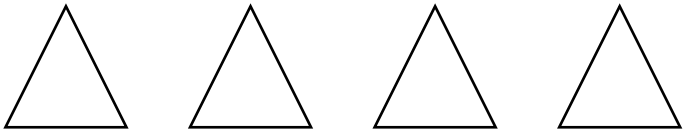
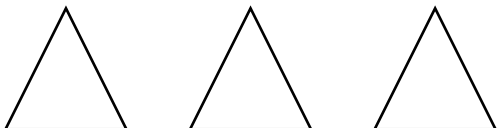
3 is smaller than 5.



1 Thala e 1 go fetiša.

Draw 1 more.

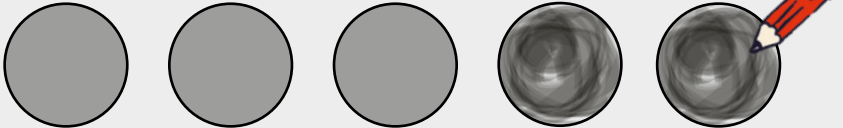
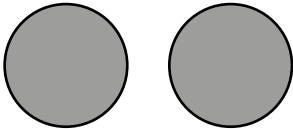
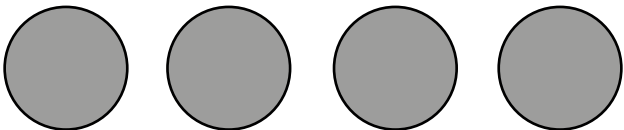
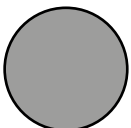
Na ke tšhe kae
ge di hlakana?
How many altogether?

2 Thala a ma2 go fetiša.

Draw 2 more.

Na ke a makae
ge a hlakana?
How many altogether?

3	Na ke a makae? How many?	Thala ● le 1 go fetiša. Draw 1 more ●.	Na gabjale ke a makae? How many now?

4	Na ke a makae? How many?	Thala ● a ma2 go fetiša. Draw 2 more ●.	Na gabjale ke a makae? How many now?



MMETSE
WA HLOGO
MENTAL MATHS

NTŠI GO LE NNYANE GO
MORE THAN AND
LESS THAN

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

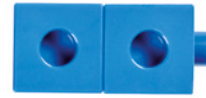
PAPADI
GAME

MATLAKALATŠHOMELO
WORKSHEETS

Terene ya dipoloko tše 3 ke ye.
Here is a train of 3 blocks.



Dira terene ya go ba le
dipoloko tše nnyane ka 1.
Make a train with 1 less blocks.



Na go na le dipoloko tše kae
tereneng ya gago?
How many blocks are there in your train?

2

Terene ya dipoloko tše 3 ke ye.
Here is a train of 3 blocks.



Dira terene ya go ba le
dipoloko tše nnyane ka 2.
Make a train with 2 less blocks.



Na go na le dipoloko tše kae
tereneng ya gago?
How many blocks are there in your train?

1

Bala o be o bapetše.

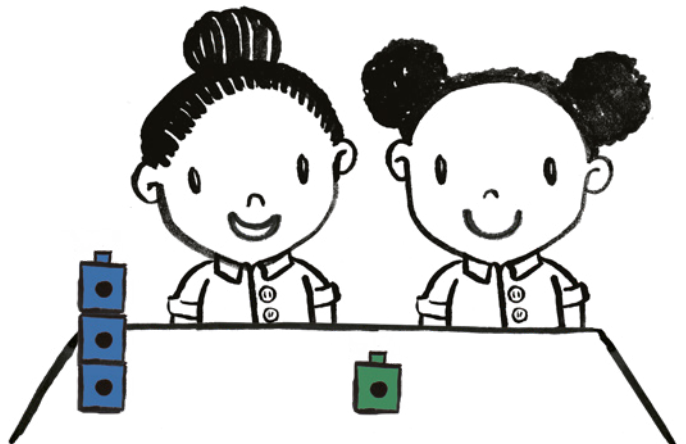
Count and compare.



3 ke ye kgolo
kudu go 1.
3 is bigger than 1.



1 ke ye nnyane
kudu go 3.
1 is smaller than 3.



1 Dira tše nnyane ka 1.

Make 1 less.

Na go šetše tše kae?

How many left?

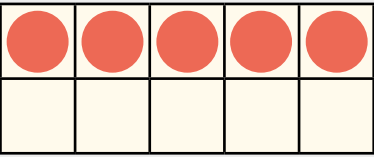
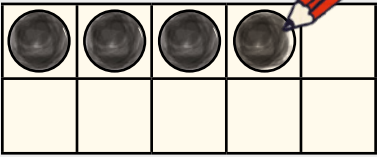
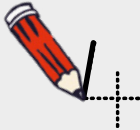
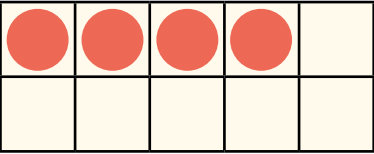
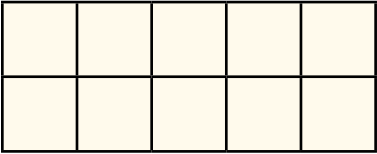
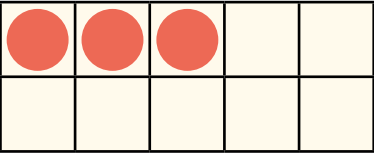
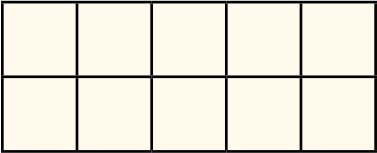
2 Dira tše nnyane ka 2.

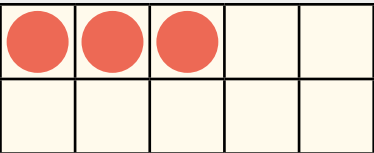
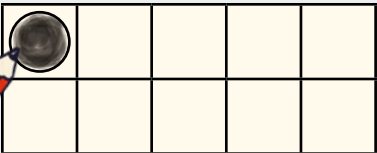
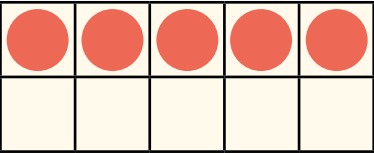
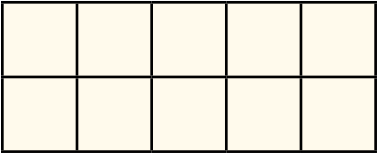
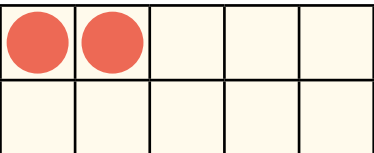
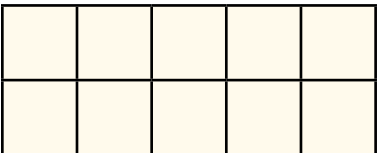
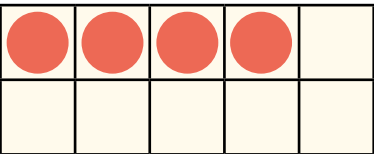
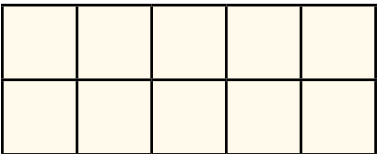
Make 2 less.

Na go šetše tše kae?

How many left?

3	Na ke a makae? How many?	Thala ● a mannyane ka tee. Draw one less ●.	Na gabjale ke a makae? How many now?
			
			
			
			

4	Na ke a makae? How many?	Thala ● a mannyane ka pedi. Draw two less ●.	Na gabjale ke a makae? How many now?
			
			
			
			

Nnyane kudu go le kgolo kudu go

Smaller than and bigger than

MMETSE
WA HLOGO
MENTAL MATHS

NTŠI GO LE NNYANE GO
MORE THAN AND
LESS THAN

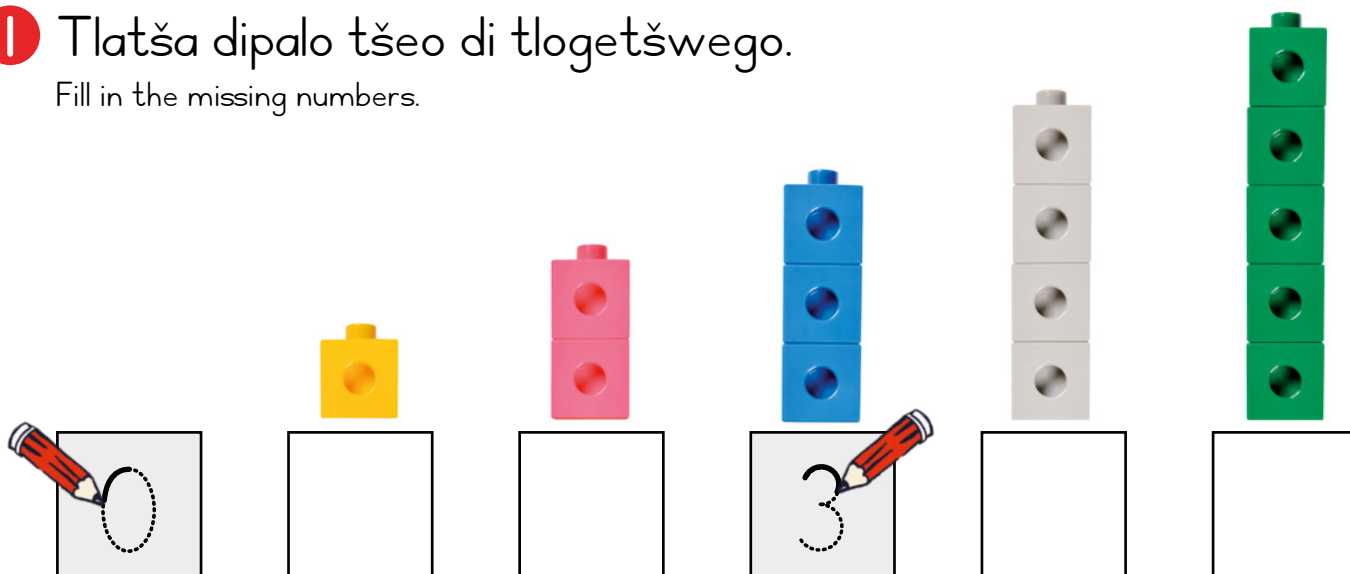
KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

PAPADI
GAME

LETLAKALATŠHOMELO
WORKSHEET

1 Tlatša dipalo tšeo di tlogetšwego.

Fill in the missing numbers.



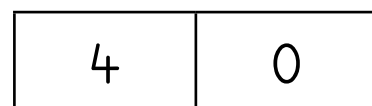
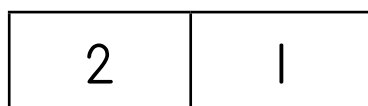
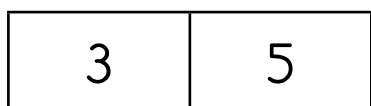
2 Thala sediko go palo ye kgolo kudu.

Circle the **bigger** number.



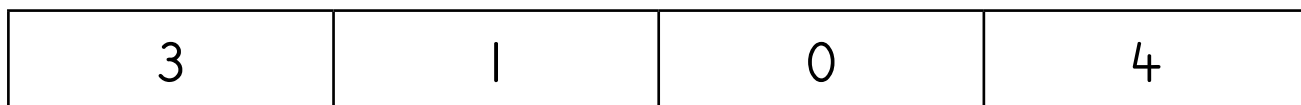
3 Thala sediko go palo ye nnyane kudu.

Circle the **smaller** number.



4 Thala sediko go palo ye kgolokgolo mo mothalading.

Circle the **biggest** number in the row.



5 Thala sediko go palo ye nnyanenyane mo mothalading wo mongwe le wo mongwe.

Circle the **smallest** number in the row.

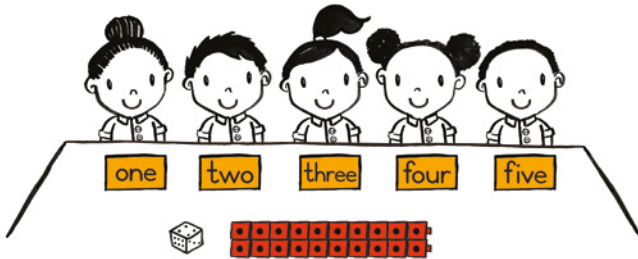


Papadi: Go aga ditora
Game: Building towers

O hloka: Bana ba ba 5, dipoloko tše 20 le letaese.

You need: 5 children, 20 blocks and a dice.

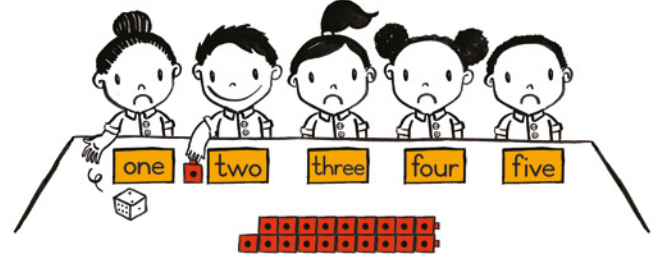
1



Efa morutwana yo mongwe le yo mongwe palo ya go thoma ka 1 go ya go 5.

Give each learner a number from 1 to 5.

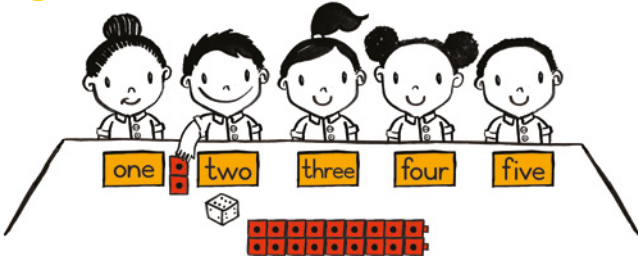
2



Šielanang ka go kgokološa letaese. Ge palo ya gago e ka tšwelela, o tšea poloko.

Take turns to roll the dice. If your number comes up take a block.

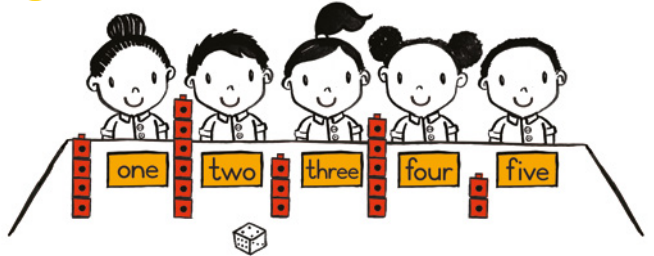
3



Ge o ka kgokološa gwa tšwelela 6, o ka tšea poloko.

If you roll a 6 you can take a block.

4



Tšwela pele go fihlela dipoloko tša gago di felela.

Keep going until you have used up all the blocks.

Na e ka ba go na le yoo a nago le tora ya go ba le palo ya dipoloko ya go lekana le ya gago?

Does anyone have a tower with the **same** number of blocks as you?

Ke mang yoo a nago le tora ye **kgolokgolo** mo sehlopheng sa lena? Na ke tše kae dipoloko tšeo di lego go tora?

Who has the **biggest** tower in your group? How many blocks are in the tower?

Ke mang yoo a nago le tora ye **nnyanenyane** mo sehlopheng sa lena? Na ke tše kae dipoloko tšeo di lego go tora?

Who has the **smallest** tower in your group? How many blocks are in the tower?

LETLAKALATŠHOMELO
WORKSHEET

LETLAKALATŠHOMELO
WORKSHEET

I Thala.
Draw.

Tlase ka 1.

1 less.

Tlase ka 2.

2 less.

Tlase ka 3.

3 less.

A go lekana.

The same.

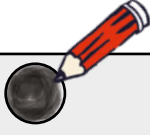
 	  
	
   	

2 Thala.

Draw.

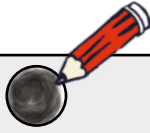
A mantši ka 1.

1 more.

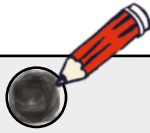
A mantši ka 2.

2 more.

A mantši ka 3.

3 more.

A go lekana.

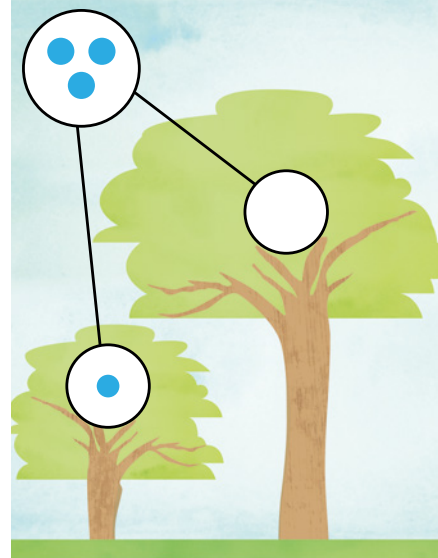
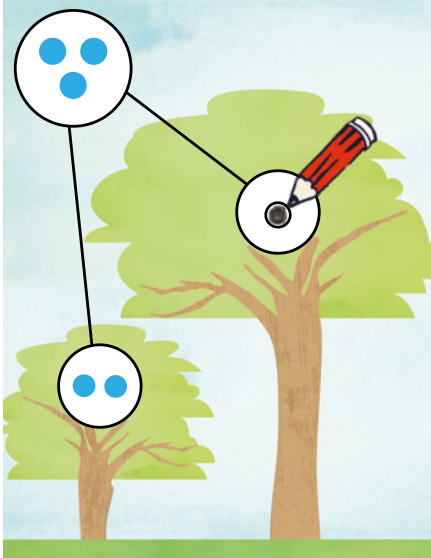
The same.

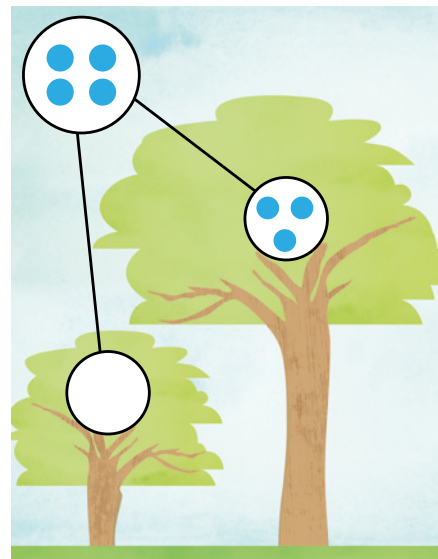
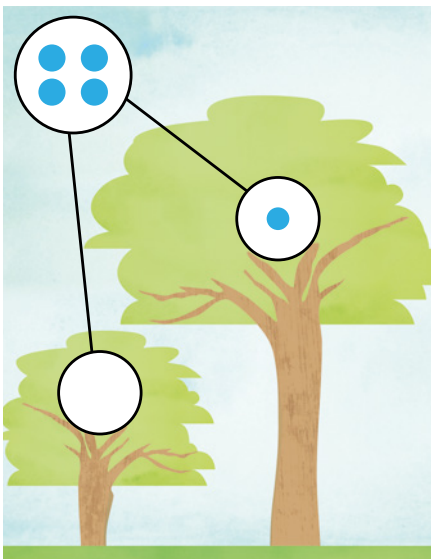
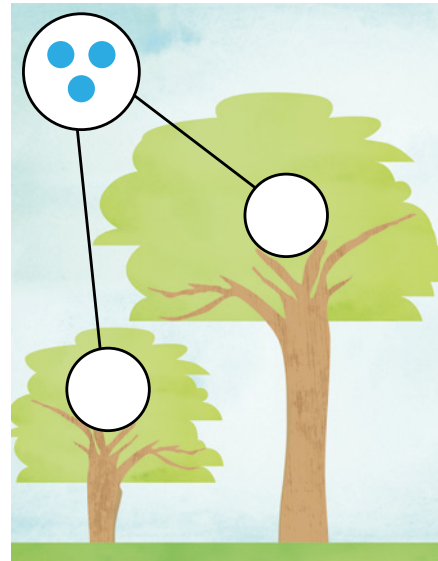
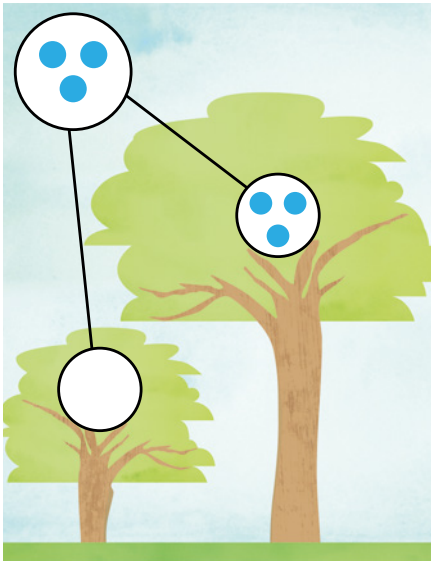


Na ke ditsela tše kae tša go fapafapana tšeo dinonyana di ka dulago ka tšona mehlareng?

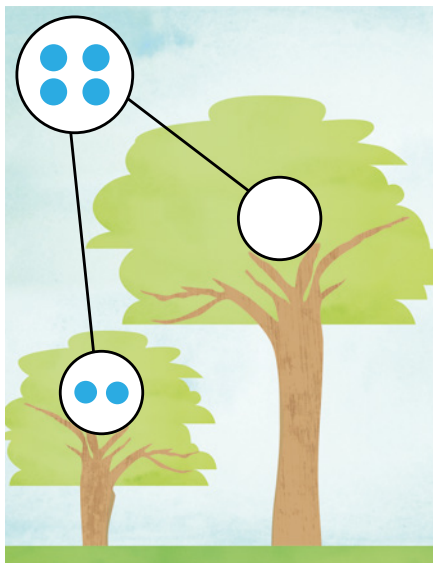
How many different ways can the birds sit in the trees?



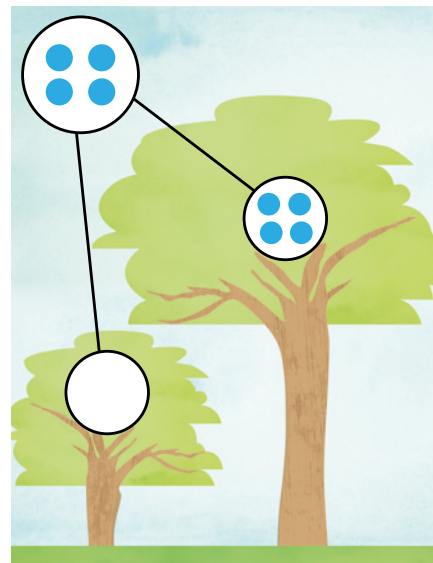
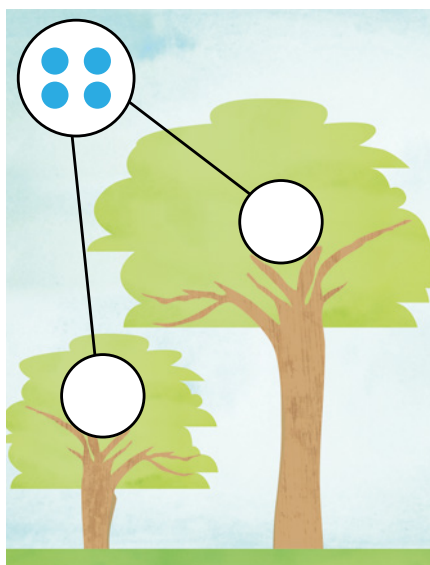
3



4



4



Papadi: Na ke utile tše kae?

Game: How many am I hiding?

Na go na le
dibaledi tše kae?

How many
counters are
there?

1

Di 3
3

2

Na o bona tše kae?
Na ke utile tše kae?

How many can you see?
How many am I hiding?

3

O utile tše 2.

You are hiding 2.

4

Bjale go bapala
nna. Ke tla
thoma ka 4.

My turn now.
I'll start
with 4.

MMETSE
WA HLOGO
MENTAL MATHS

DITLEMAGANO TŠA
GO FIHLA GO 5
BONDS UP TO 5

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

PAPADI
GAME

MATLAKALATŠHOMELO
WORKSHEETS

1 Na ke ditsela tše kae tša go fapafapana tšeo di ka dirago 5?

How many different ways can you make 5?

Papadi: Na ke utile tše kae?

Game: How many am I hiding?

Na go na le
dibaledi tše kae?

How many
counters are
there?

1

Di 5
5

2

Na o kgona go bona tše
kae? Na ke utile tše kae?

How many can you see?
How many am I hiding?

3

4

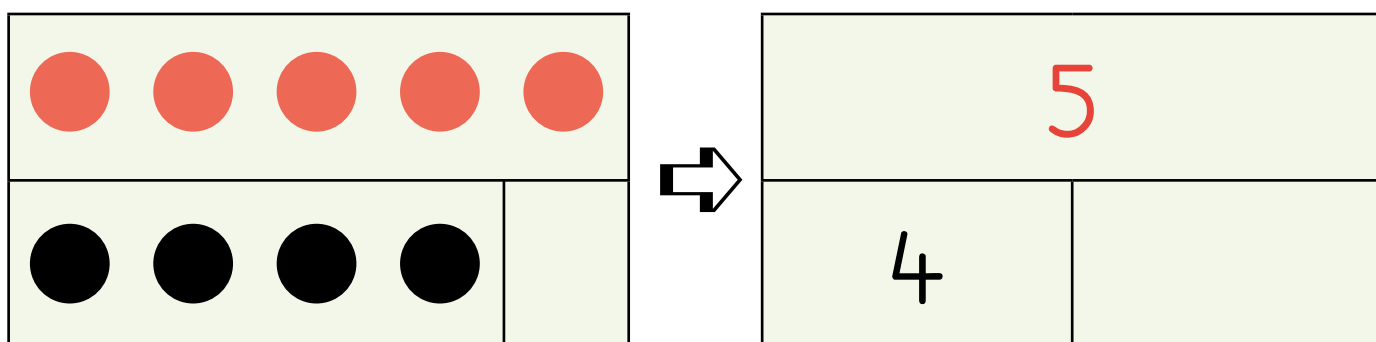
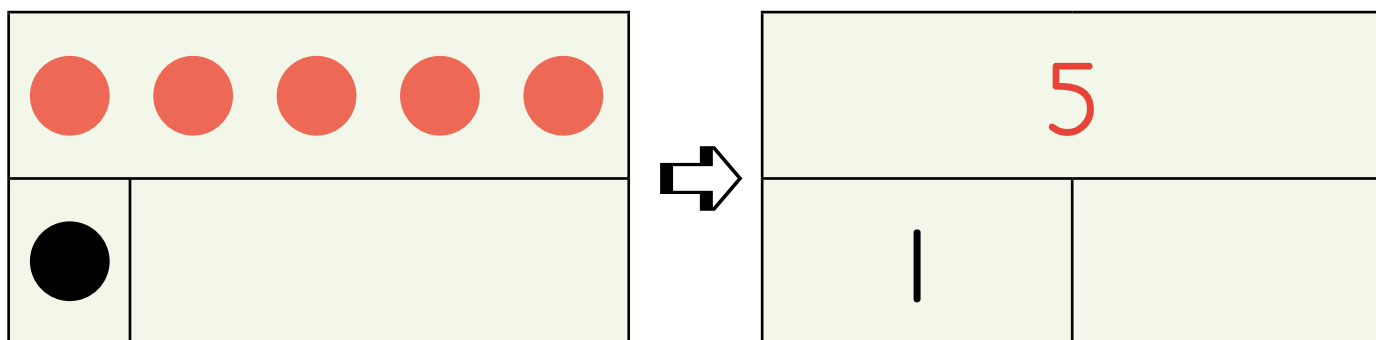
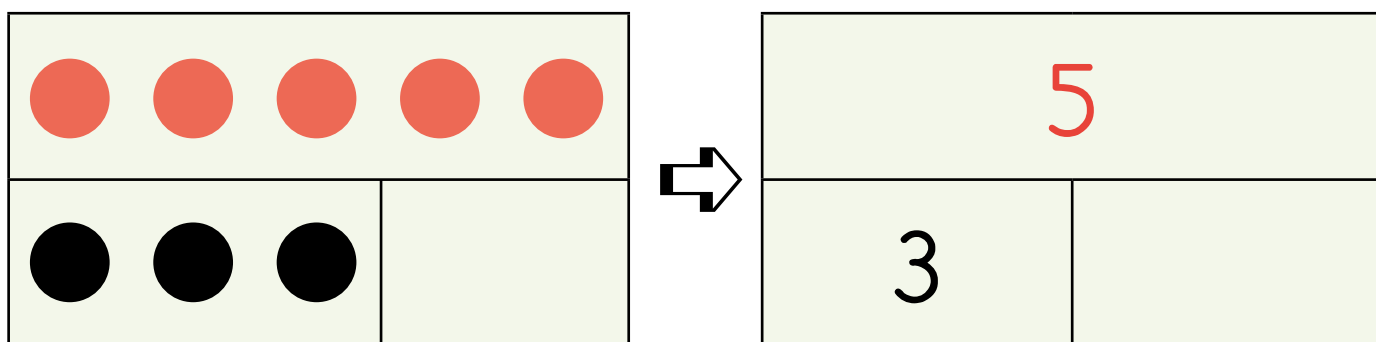
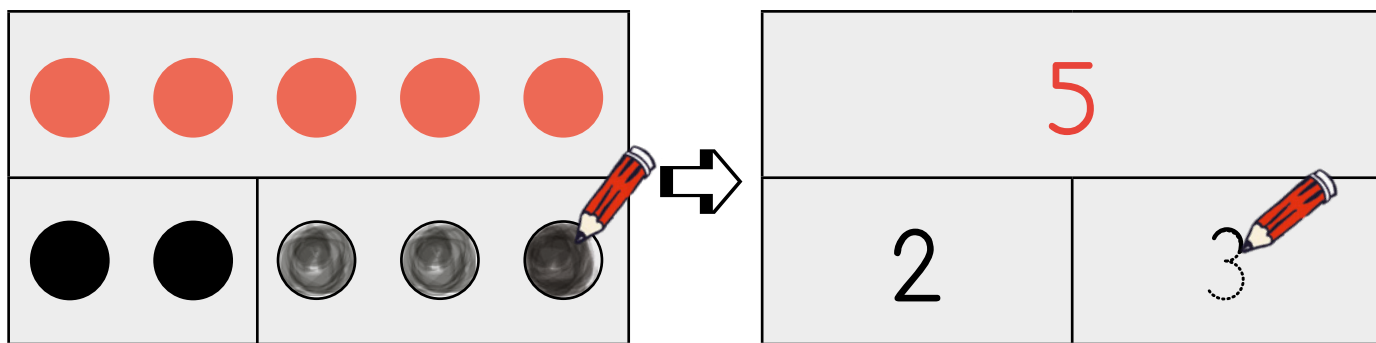
Bjale go
bapala nna.
My turn now.

Ke bona tše 4, go ra go re o utile e l.

I see 4 so you are hiding 1.

2 Tlatša marontho goba dipalo tšeo di tlogetšwego.

Fill in the missing dots or numbers.





MMETSE
WA HLOGO
MENTAL MATHS

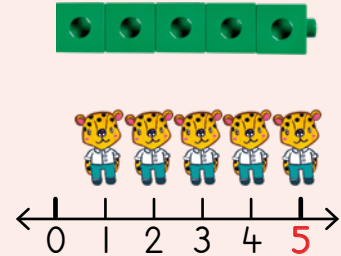
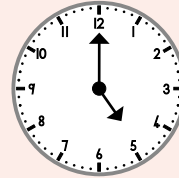
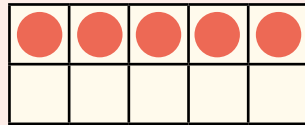
DITLEMAGANO TŠA
GO FIHLA GO 5
BONDS UP TO 5

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

PAPADI
GAME

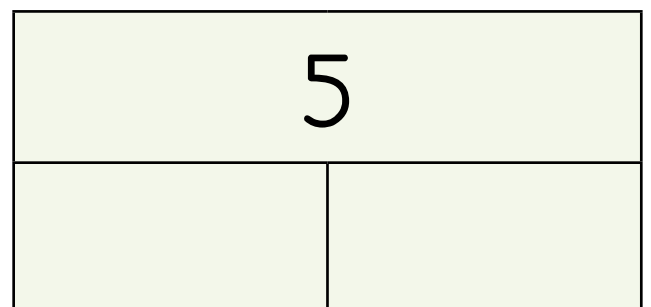
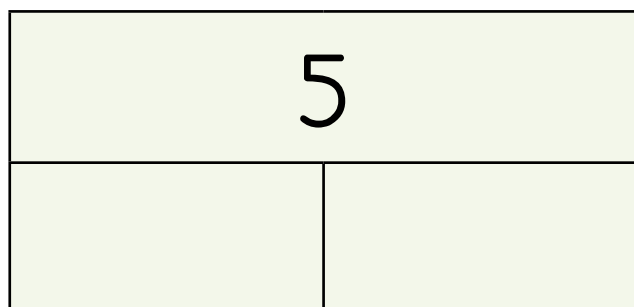
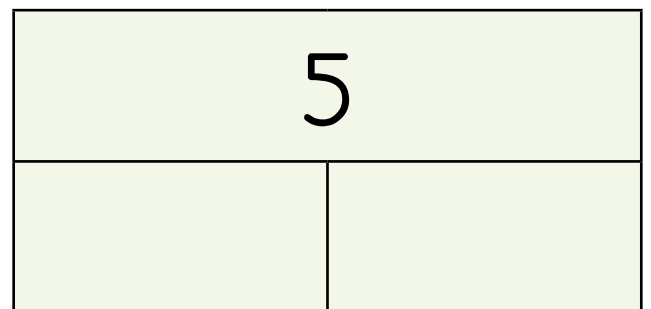
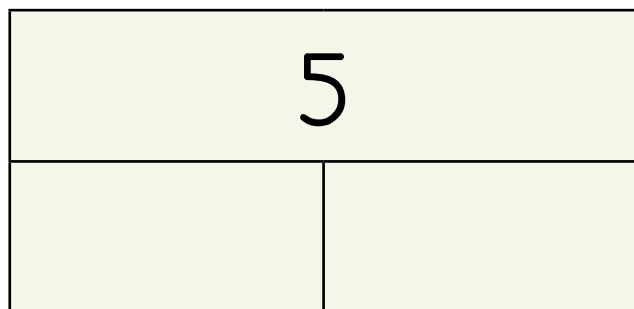
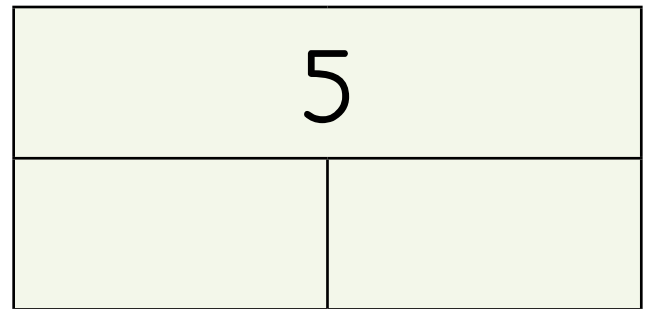
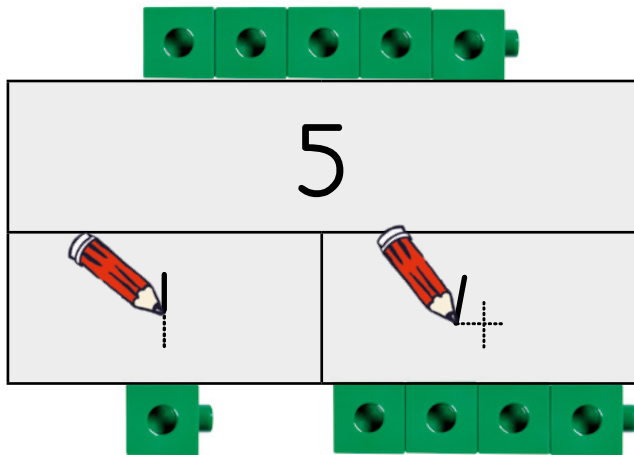
MATLAKALATŠHOMELO
WORKSHEETS

hlano
five
5



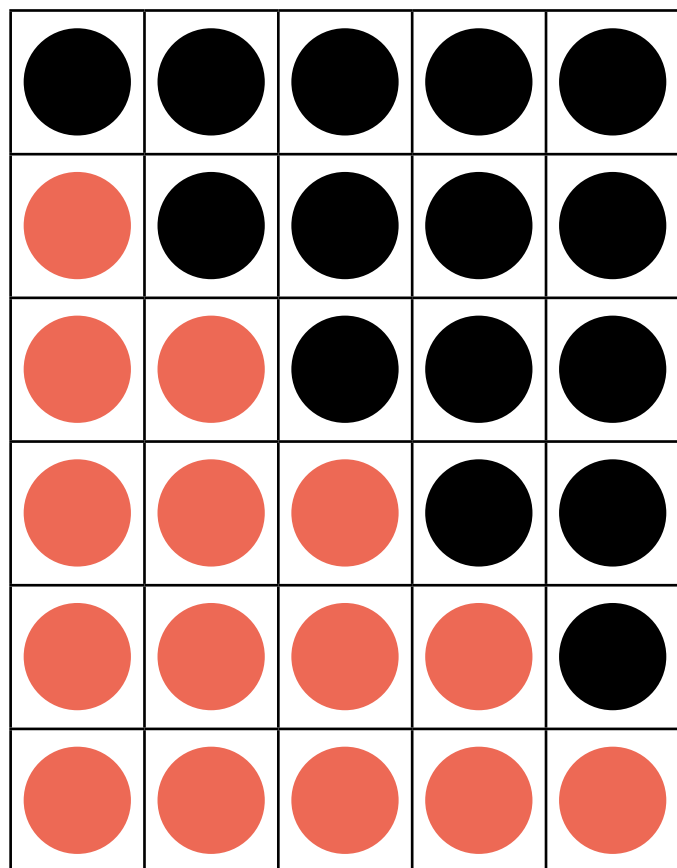
Dira 5.

Make 5.



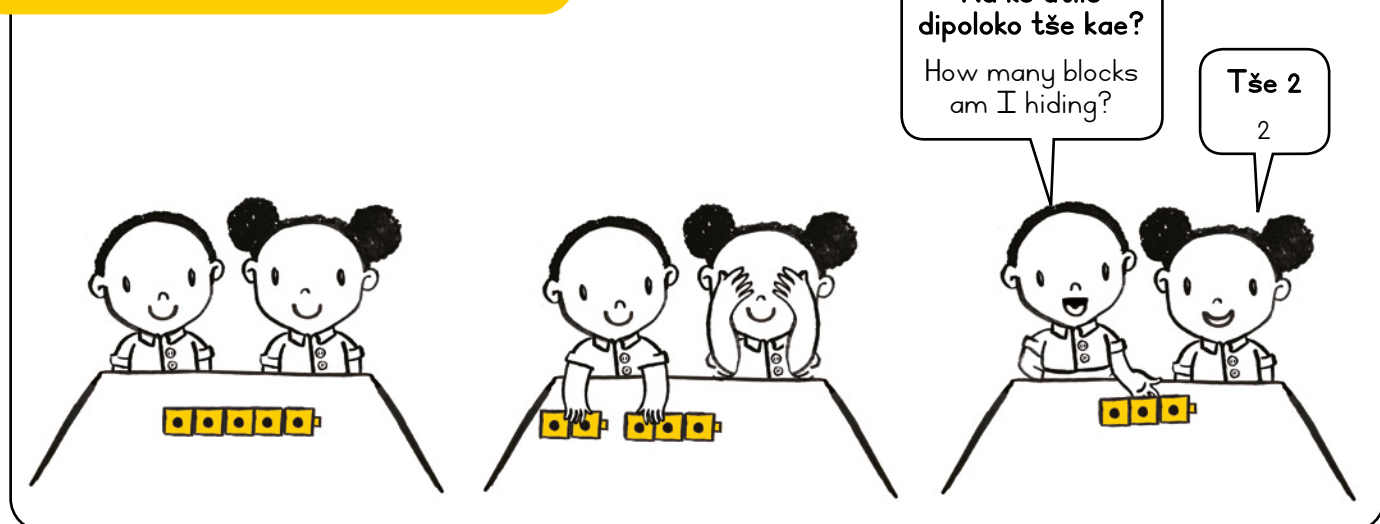
1 Ngwala ditsela tša go dira 5 mo go ntlo ya tlemagano.

Record the ways to make up 5 in the bond house.



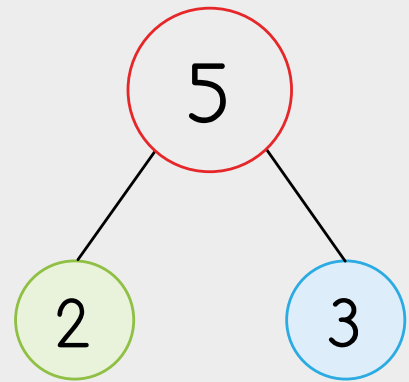
5	
0	5
1	4

Papadi: Na ke utile tše kae?
Game: How many am I hiding?



2 le 3 di dira 5
and make

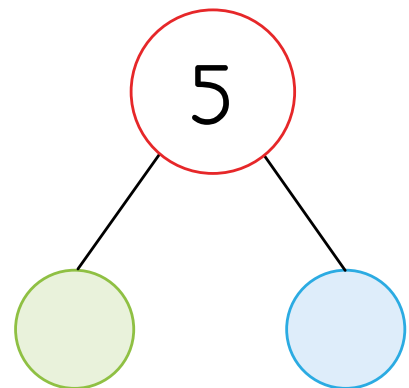
3 le 2 di dira 5
and make



2 Na ke dipalo dife tše dingwe tšeo di dirago 5?
What other numbers make 5?

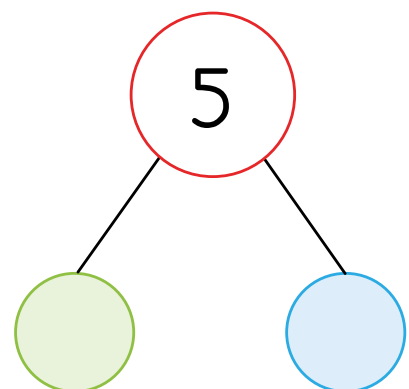
1 le 4 di dira 5
and make

le di dira 5
and make



0 le 5 di dira 5
and make

le di dira 5
and make



MMETSE
WA HLOGO
MENTAL MATHS

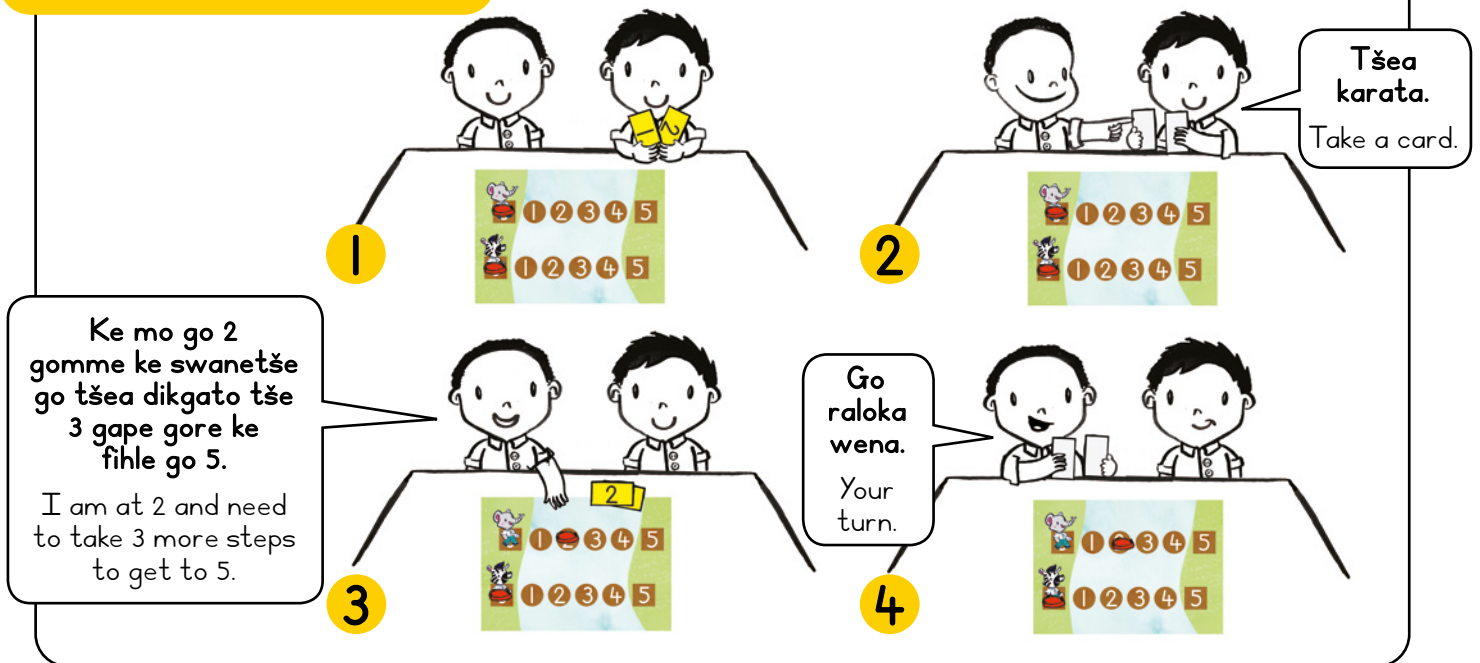
DITLEMAGANO TŠA
GO FIHLA GO 5
BONDS UP TO 5

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

PAPADI
GAME

MATLAKALATŠHOMELO
WORKSHEETS

Papadi: Go tshela noka
Game: Crossing the river



Tlou le Pitsi di swanetše go tshela noka ka go namela maswika a manamelelo. Raloka le mogwera go bona go re ke mang yoo a tla fihlago pele. Somiša dikarata tša gago tša 1 le 2 go šutha.

Elephant and Zebra must cross the river by stepping on the stepping stones. Play with a partner to see who will get there first. Use your 1 and 2 cards to move.



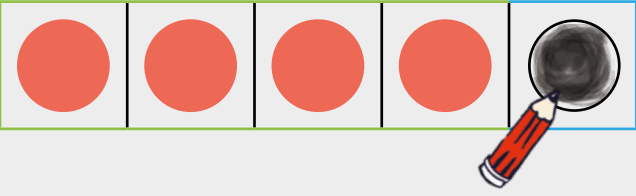
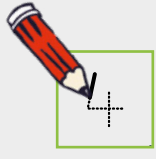
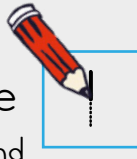
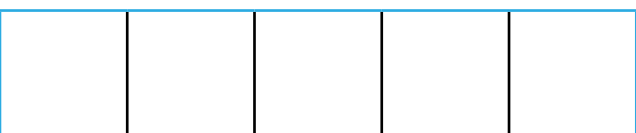
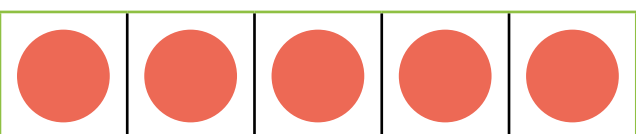
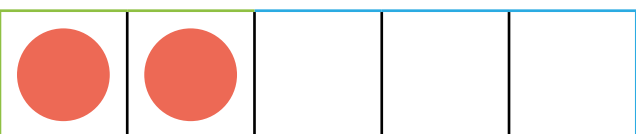
1 Na ke dikgato tše kae go ya go 5?

How many steps to 5?

0	1	2	3	4	5	3
0	1	2	3	4	5	
0	1	2	3	4	5	
0	1	2	3	4	5	
0	1	2	3	4	5	
0	1	2	3	4	5	

2 Thala marontho go dira 5 o be o tlatše dipalo tšeo di tlogetšwego.

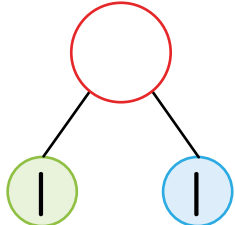
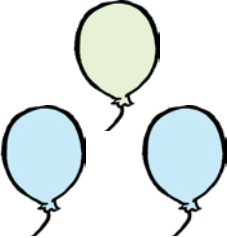
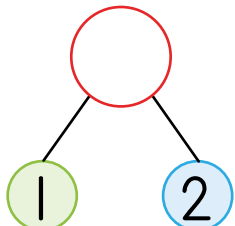
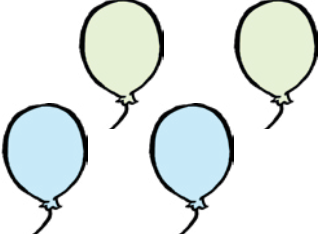
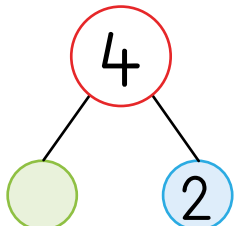
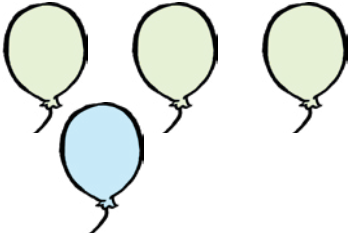
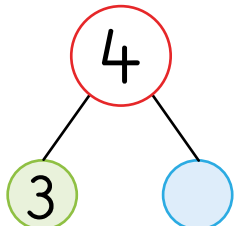
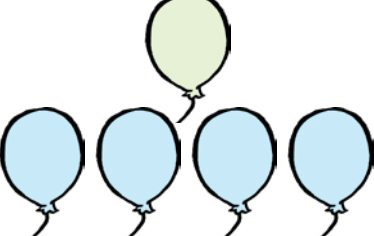
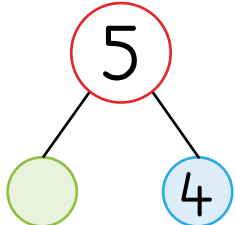
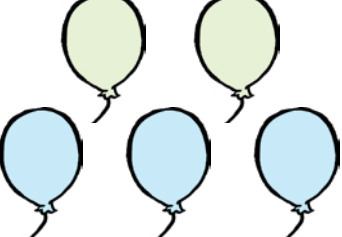
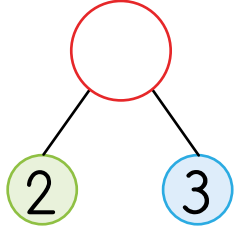
Draw dots to make up 5 and fill in the missing numbers.

	 le  di dira 5 and make
	 le di dira 5 and make
	 le di dira 5 and make
	 le di dira 5 and make
	 le di dira 5 and make
	 le di dira 5 and make

LETLAKALATŠHOMELO
WORKSHEET

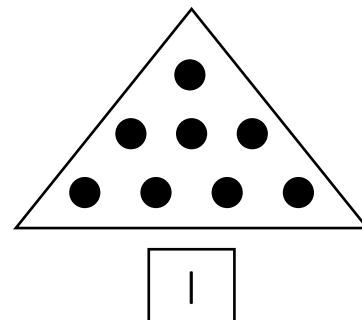
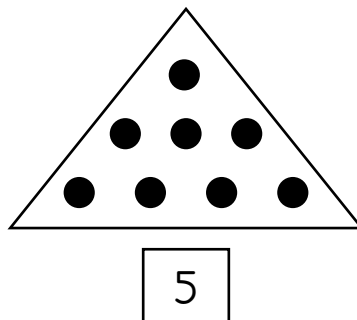
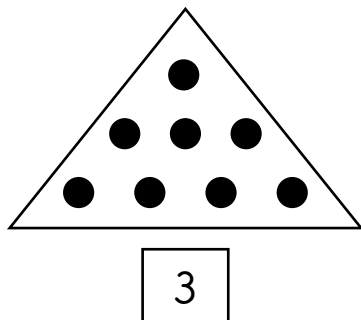
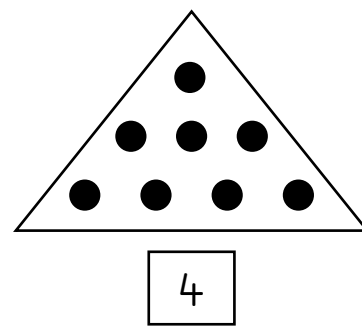
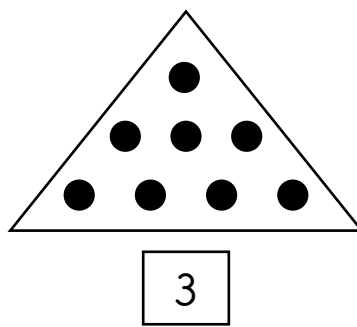
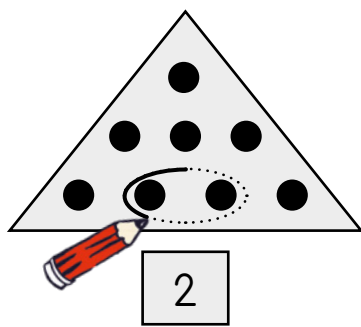
LETLAKALATŠHOMELO
WORKSHEET

I Ngwala dipalo.
Write the numbers.

	1 le 1 di dira and make	
	1 le 2 di dira and make	
	le 2 di dira 4 and make	
	3 le di dira 4 and make	
	le 4 di dira 5 and make	
	2 le 3 di dira and make	

2 Thala sediko go palo ya maleba ya marontho.

Circle the correct number of dots.



3 Feleletša.

Complete.

		lefeela	zero
•		tee	one
• • •		tharo	three
• • • •		nne	four
• •	2	pedi	two
• • • • •		hlano	five



MMETSE
WA HLOGO
MENTAL MATHS

DIPALO 6 GO
YA GO 10
NUMBERS 6-10

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

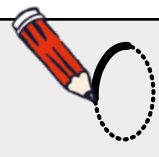
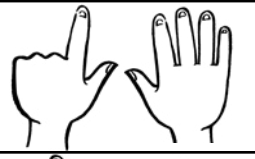
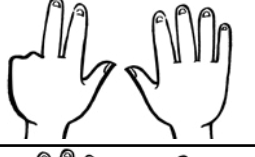
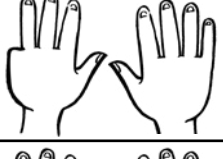
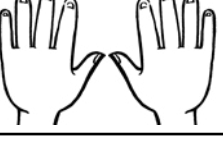
PAPADI
GAME

MATLAKALATŠHOMELO
WORKSHEETS



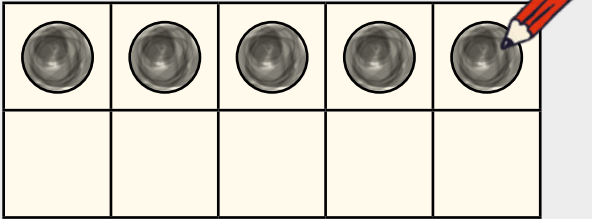
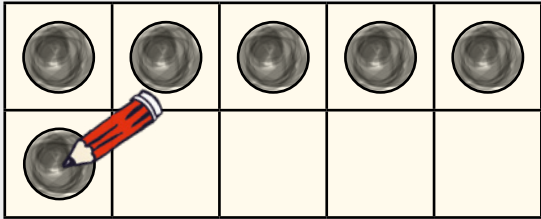
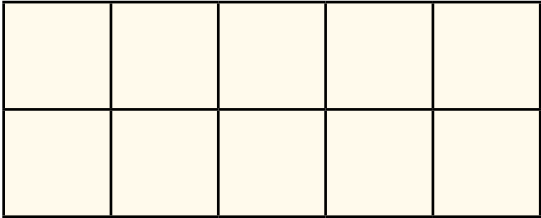
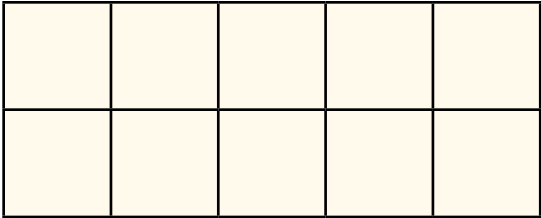
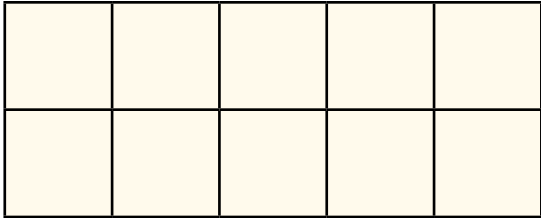
1 Šomiša menwana ya gago go dira dipalo tše. Ke moka o di kopolle.

Use your fingers to make these numbers. Then copy the numbers.

Dipalo 0 go ya go 10 Numbers 0 to 10		
	0	
	1	1
	2	2
	3	3
	4	4
	5	5
	6	6
	7	7
	8	8
	9	9
	10	10

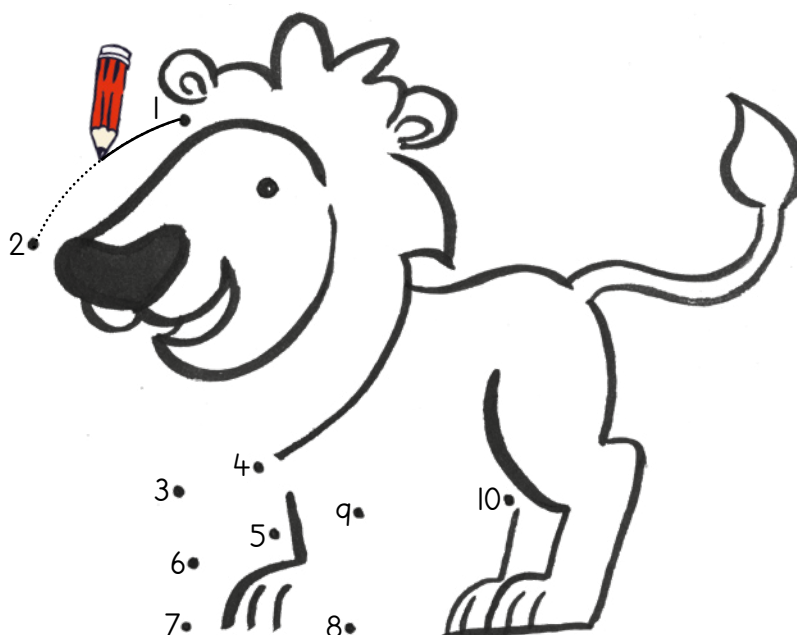
2 Thala marontho go laetša dipalo.

Draw dots to show the numbers.

5 	6 
7 	8 
9 	10 

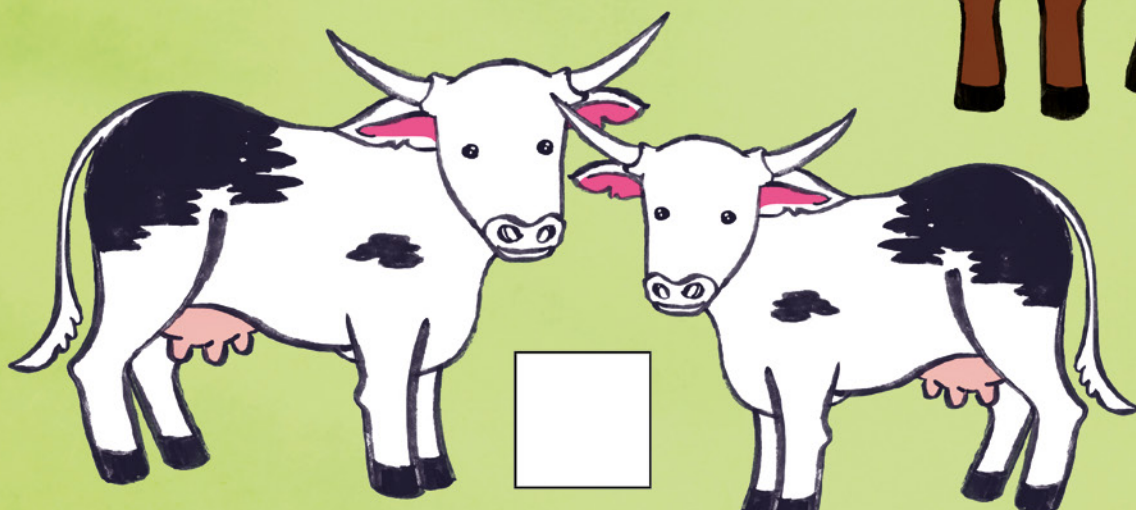
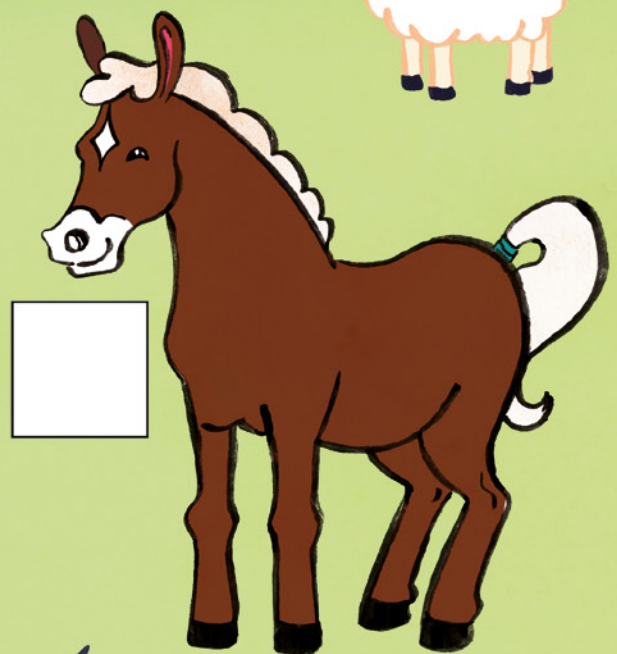
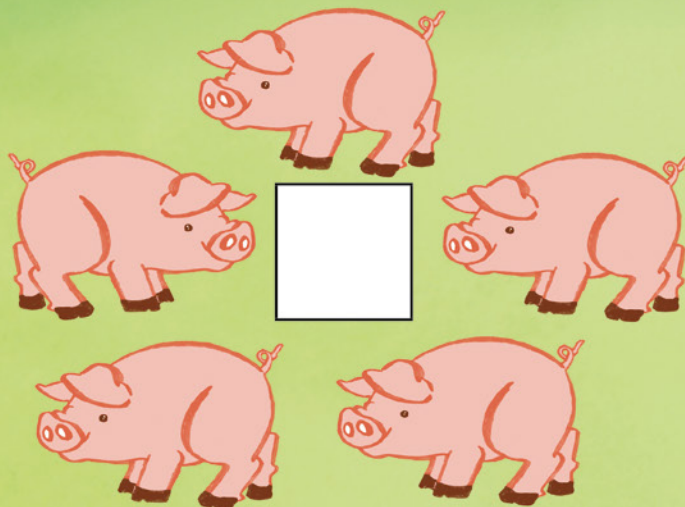
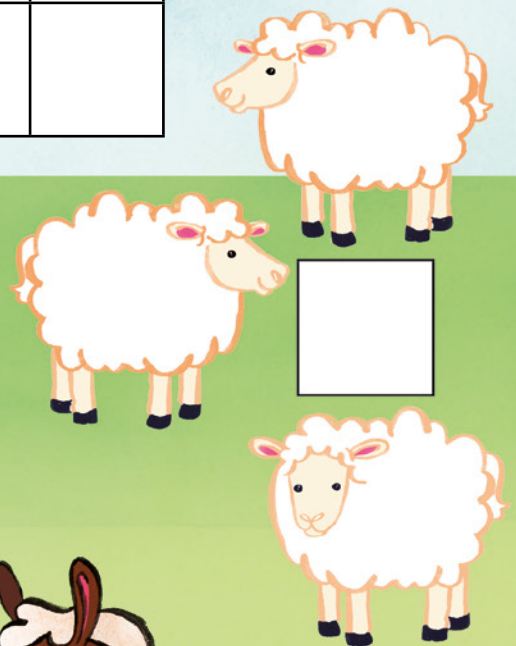
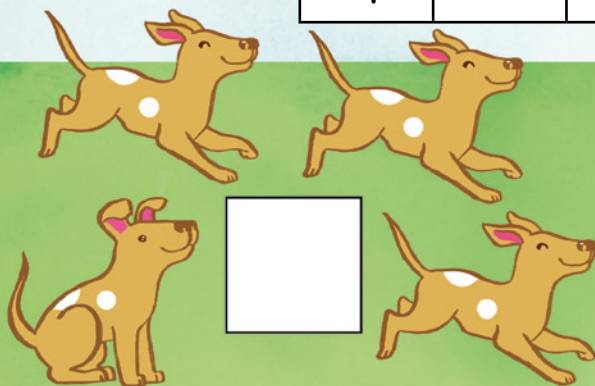
3 Kopanya marontho.

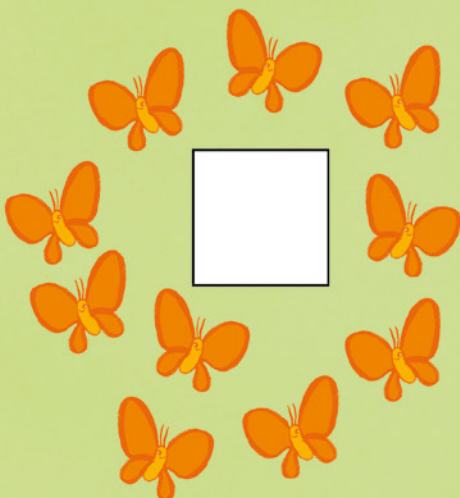
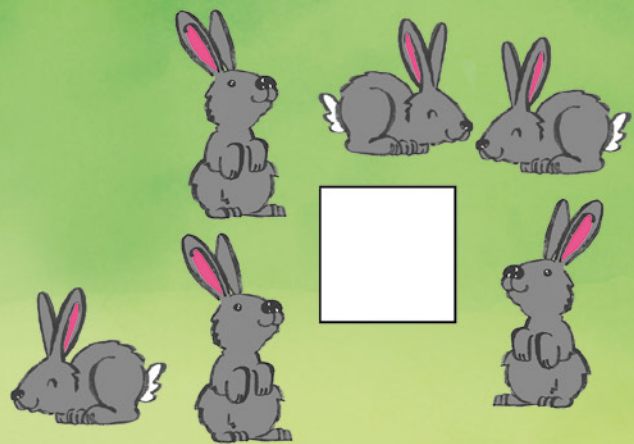
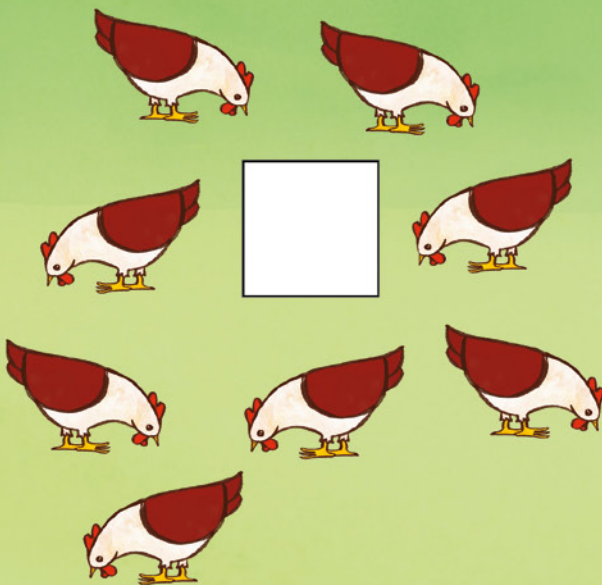
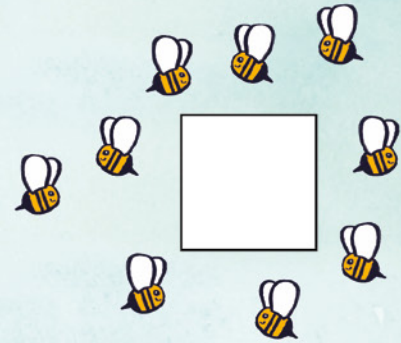
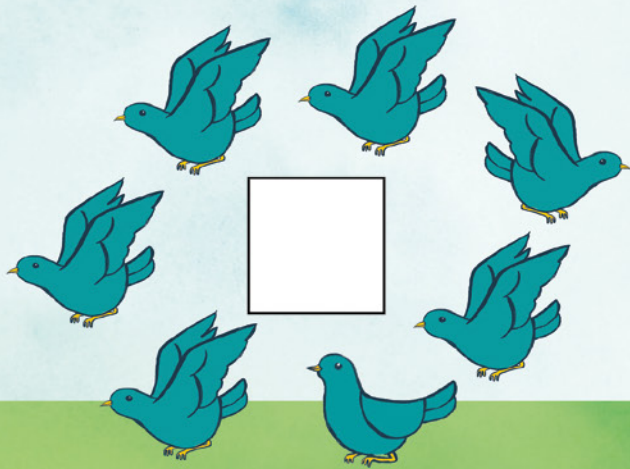
Join the dots.



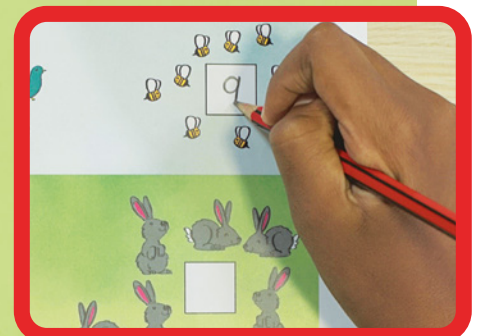


1	2	3	4	5
1	2	3	4	5
1				



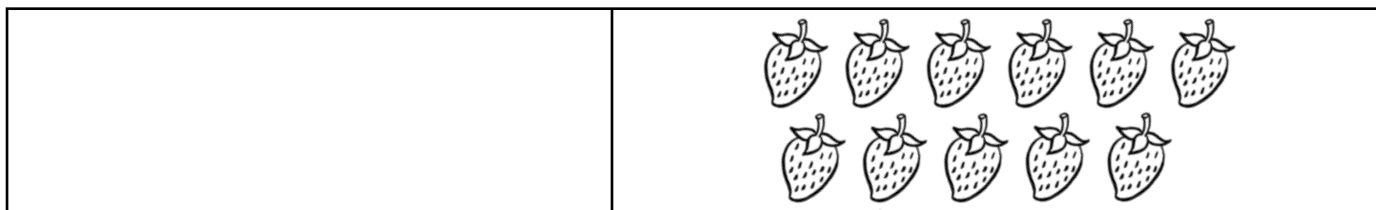


6	7	8	9	10
6	7	8	9	10
 6				

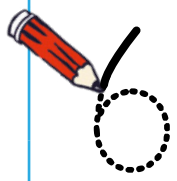


1 Thala dikhutlonne
tše tshela.
Draw **six** squares. 

Khalara distroberi
tše tshela.
Colour **six** strawberries.



Thala sediko ga bo6 ka moka. Circle all the 6s.



7	6	2	6
9	4	7	1
6	3	6	5

6	6	6	6	6
6	6	6	6	6
6	6	6	6	6

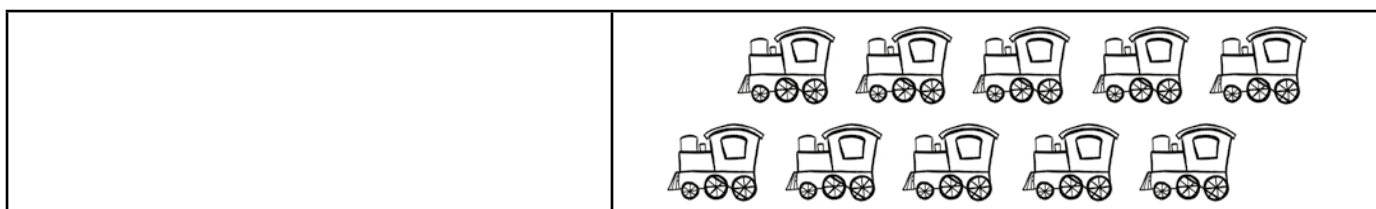
Gatiša. Trace.

Ngwala. Write.

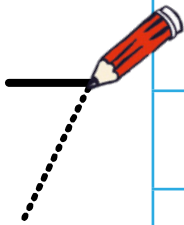
tshela
six

2 Thala didiko
tše šupa.
Draw **seven** circles. 

Khalara diterene
tše šupa.
Colour **seven** trains.



Thala sediko ga bo7 ka moka. Circle all the 7s.



7	6	1	6
1	4	7	1
7	1	4	5

7	7	7	7	7
7	7	7	7	7
7	7	7	7	7

Gatiša. Trace.

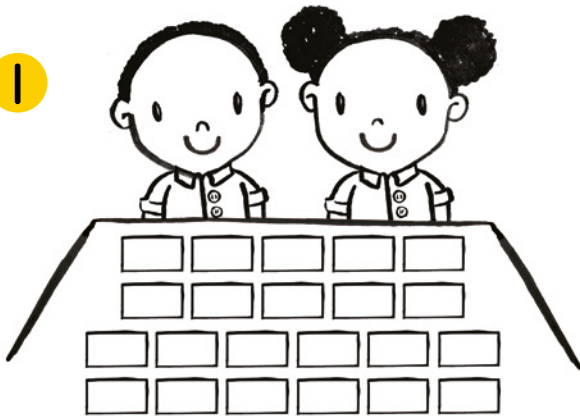
Ngwala. Write.

šupa
seven

Papadi: Papadi ya go gopola le go nyalanya dipalo

Game: Matching numbers memory game

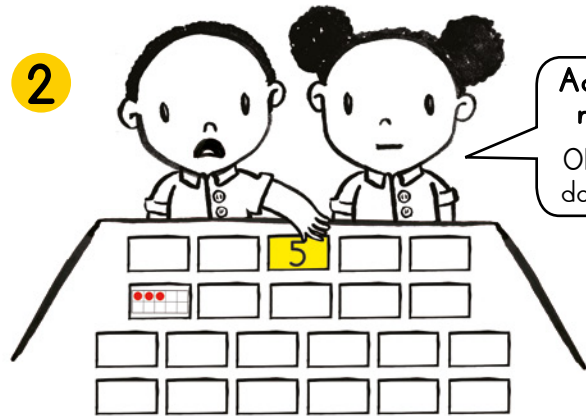
1



Raloka ka dikarata tša gago
tša dipalo le dikarata tša
marontho.

Play with your number cards and dot cards.

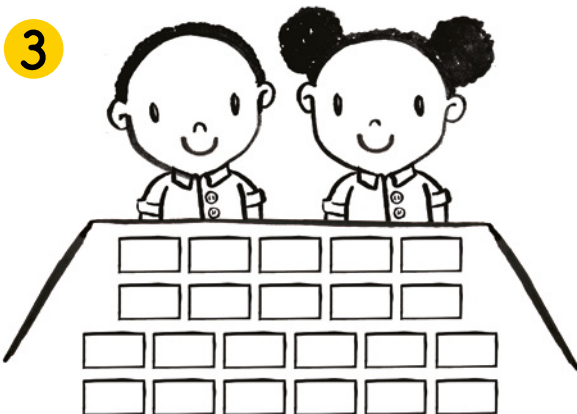
2



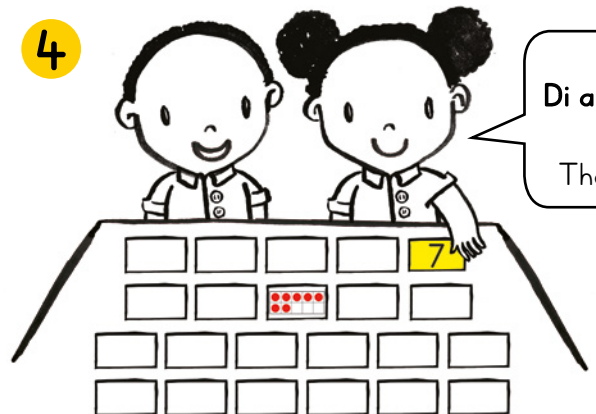
Ge e le go re ga di
nyalelane, di ribege gape.

If they don't match turn them
back over.

3



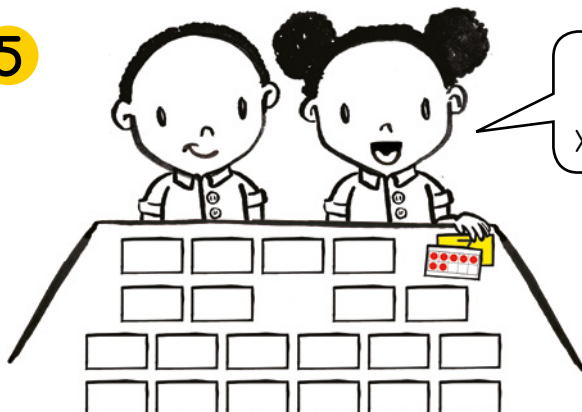
4



Ge e le go re di a nyalelane,
swara dikarata.

If they do match keep the cards.

5



Mothopasefoka ke
yoo a nago le dikarata
tše dintši.

The winner is the one who has
more cards.



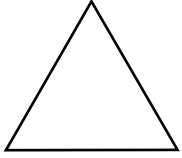
MMETSE
WA HLOGO
MENTAL MATHS

DIPALO 6 GO
YA GO 10
NUMBERS 6-10

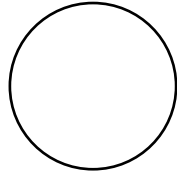
KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

PAPADI
GAME

MATLAKALATŠHOMELO
WORKSHEETS



Dikhutlotharo
Triangles



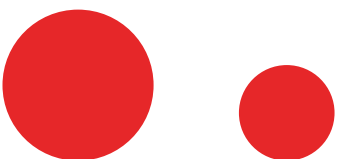
Didiko
Circles

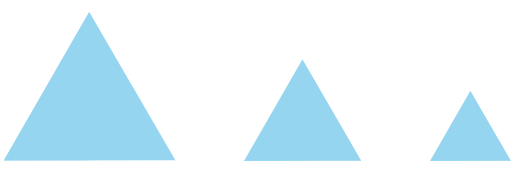
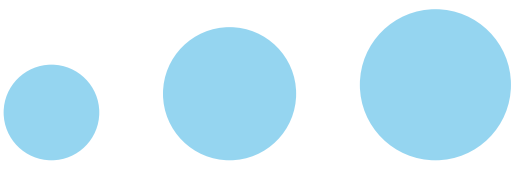


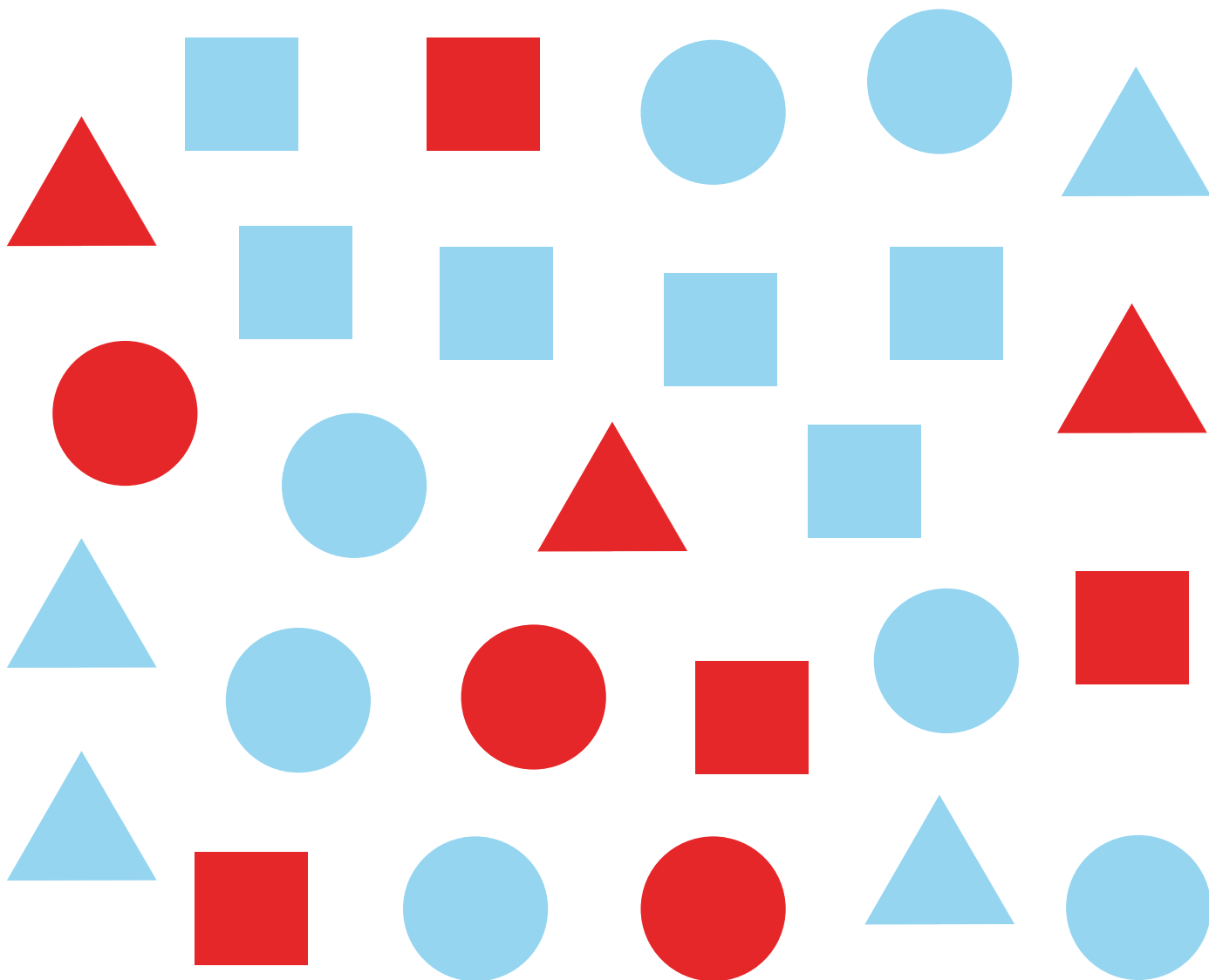
Dikhutlonne
Squares

Na ke dife
dibopego tše?
What shapes
are these?

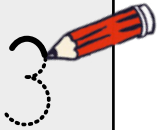


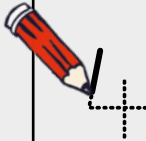
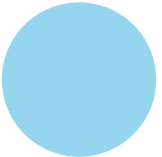
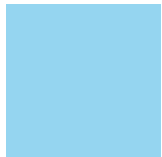
Dikhutlotharo tše dihubedu Red triangles	
Didiko tše dihubedu Red circles	
Dikhutlonne tše dihubedu Red squares	

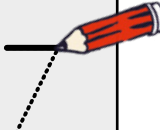
Dikhutlotharo tše ditalaleratadima Blue triangles	
Didiko tše ditalaleratadima Blue circles	
Dikhutlonne tše ditalaleratadima Blue squares	

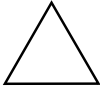


I Na ke tše kae?
How many?

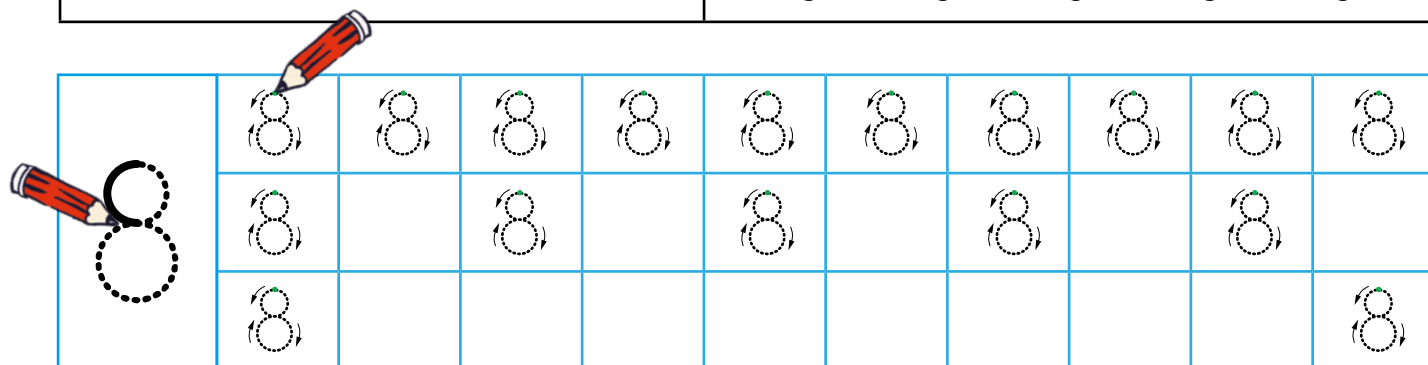
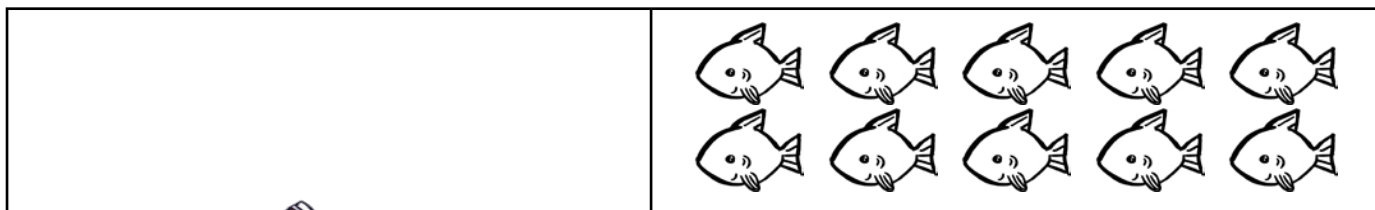
	
	
	

Dikhutlotharo Triangles	
Didiko Circles	
Dikhutlonne Squares	

2 Thala dikhutlotharo
tše 8.
Draw 8 triangles. 

Khalara dihlapi
tše 8.
Colour 8 fish.



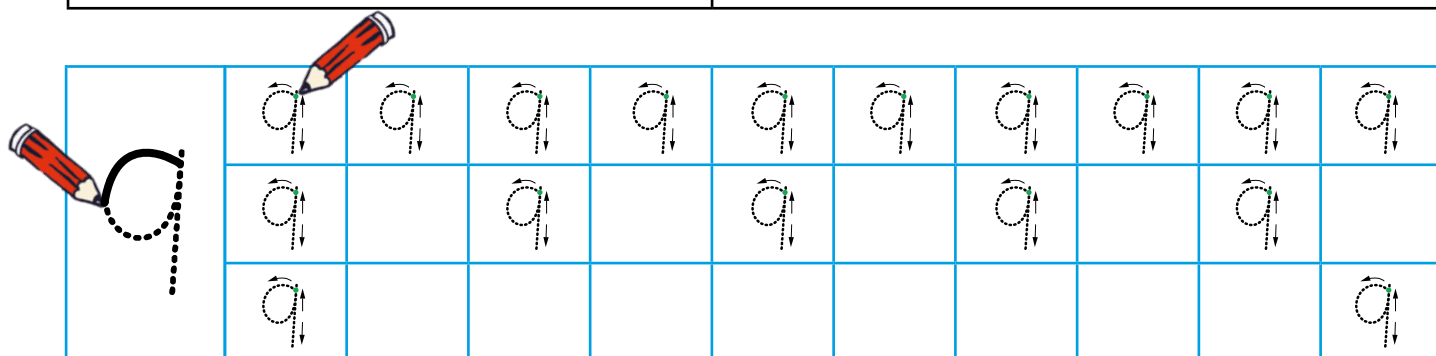
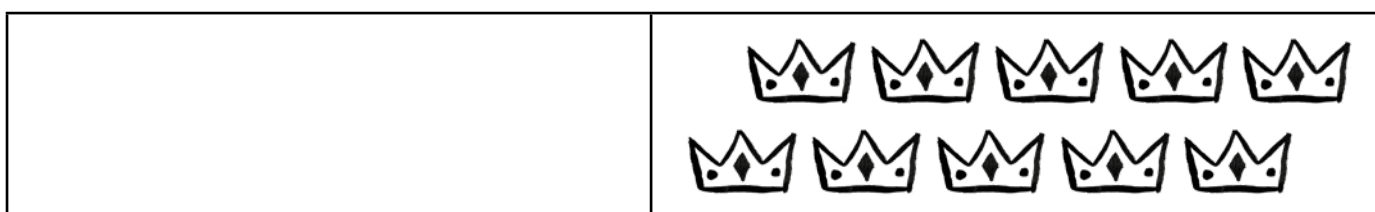
Gatiša. Trace.

Ngwala. Write.

seswai
eight

3 Thala didiko
tše 9.
Draw 9 circles. 

Khalara dikgare
tše 9.
Colour 9 crowns.



Gatiša. Trace.

Ngwala. Write.

senyane
nine

4 Thala sediko go palo ya maleba.

Circle the correct number.

šupa seven	0	1	2	3	4	5	6	7	8	9	10
hlano five	0	1	2	3	4	5	6	7	8	9	10
seswai eight	0	1	2	3	4	5	6	7	8	9	10
nne four	0	1	2	3	4	5	6	7	8	9	10
senyane nine	0	1	2	3	4	5	6	7	8	9	10
tharo three	0	1	2	3	4	5	6	7	8	9	10
lesome ten	0	1	2	3	4	5	6	7	8	9	10
tee one	0	1	2	3	4	5	6	7	8	9	10
lefeela zero	0	1	2	3	4	5	6	7	8	9	10
tshela six	0	1	2	3	4	5	6	7	8	9	10
pedi two	0	1	2	3	4	5	6	7	8	9	10

5 Tlatša dipalo tšeo di tlogetšwego.

Fill in the missing numbers.

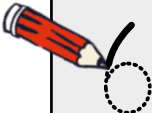
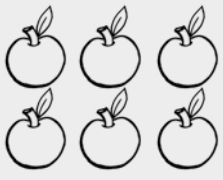
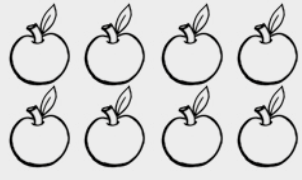
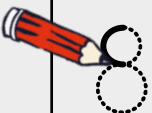
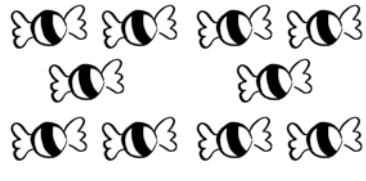
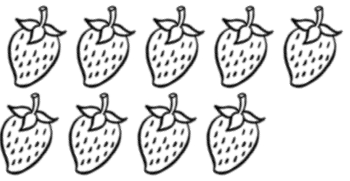
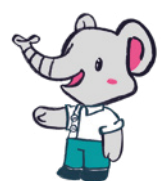
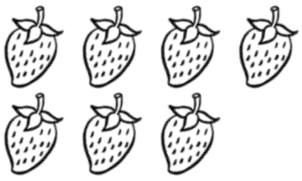
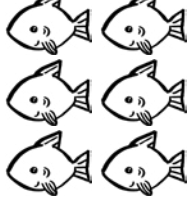
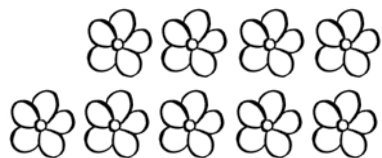
2	3		5		7		9
0	1			4			7

Ke mang yoo a nago le tše dintši? Who has more?

1 Ngwala gore phoofolo ye nngwe le ye nngwe e na le dilo tše kae.

Write how many objects each animal has.

2 Thala sediko go phoofolo yeo e nago le tše dintši.
Circle the animal that has more.

3 Ngwala leinapalo. Khalara dipoloko.

Write the number name. Colour the blocks.



1					

1 tee one

2 pedi two

3 tharo three

4 nne four

5 hlano five

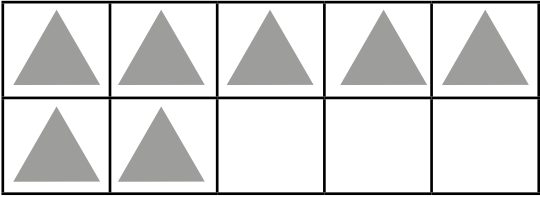
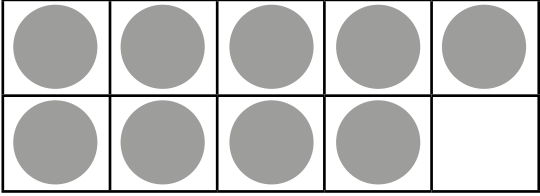
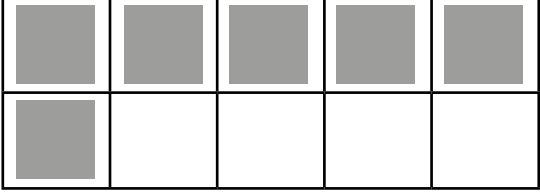
6 tshela six

7 šupa seven

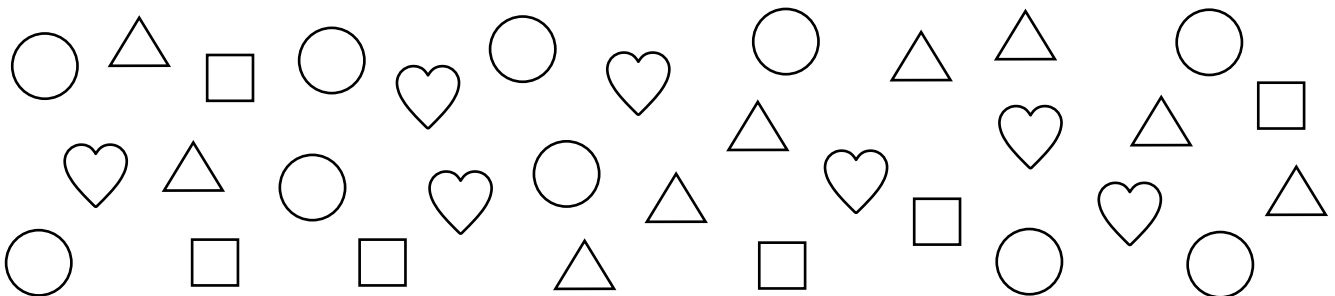
8 seswai eight

9 senyane nine

10 lesome ten

1 Na ke tše kae? How many?		Thala sediko go leina la sebopego. Circle the name of the shape.	
		khutlotharo sediko khutlonne	triangle circle square
		khutlotharo sediko khutlonne	triangle circle square
		khutlotharo sediko khutlonne	triangle circle square

2 Khalara o be o bale.
Colour and count.



△	○	□	♥

3 Nyalanya.

Match.

1
2
3
4
5
6
7
8
9
10

nne four
šupa seven
senyane nine
tee one
hlano five
lesome ten
pedi two
tshela six
seswai eight
tharo three



4 Bala o be o ngwale palo ya maleba.

Count and write the correct number.

MMETSE
WA HLOGO
MENTAL MATHS

MORUTŠI O RE
TEACHER SAYS

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

PAPADI
GAME

MATLAKALATŠHOMELO
WORKSHEETS

I Ye ke terene ya ka ya poloko ye hubedu ka pele.

This is my train with the red block at the front.

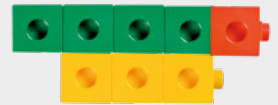


Thala sediko.

Circle.

Setimela se se serolane se ka _____ setimela sa ka.

The yellow train is _____ my train.

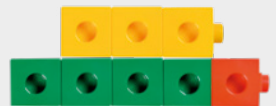


godimo ga
on top of

ka fase ga
under

Setimela se se serolane se ka _____ setimela sa ka.

The yellow train is _____ my train.

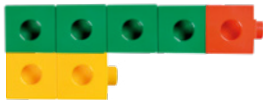


godimo ga
on top of

ka fase ga
under

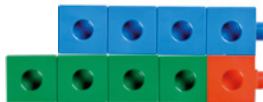
Ekaba setimela se se ka pele goba ka morago ga setimela sa ka?

Is the train on top of or under my train?



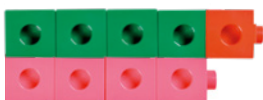
godimo ga
on top of

ka fase ga
under



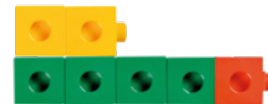
godimo ga
on top of

ka fase ga
under



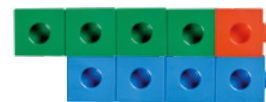
godimo ga
on top of

ka fase ga
under



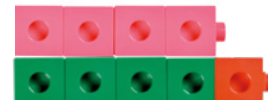
godimo ga
on top of

ka fase ga
under



godimo ga
on top of

ka fase ga
under



godimo ga
on top of

ka fase ga
under

2 Ye ke terene ya ka ya poloko ye hubedu ka pele.

This is my train with the red block at the front.



Thala sediko.

Circle.

Setimela se se serolane se ka _____ setimela sa ka.

The yellow train is _____ my train.



ka pele ga
in front of

morago ga
behind

Setimela se se serolane se ka _____ setimela sa ka.

The yellow train is _____ my train.



ka pele ga
in front of

morago ga
behind

Thala sediko.

Is the train in front of or behind my train?



ka pele ga
in front of

morago ga
behind



ka pele ga
in front of

morago ga
behind



ka pele ga
in front of

morago ga
behind



ka pele ga
in front of

morago ga
behind



ka pele ga
in front of

morago ga
behind



ka pele ga
in front of

morago ga
behind

MMETSE
WA HLOGO
MENTAL MATHS

MORUTIŠI O RE
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KGODIŠO YA KGOPOLO
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GAME

LETLAKALATŠHOMELO
WORKSHEET

1



Na ke a makae 

How many

ka letsogong la gagwe la ngele?
in his left hand?

3

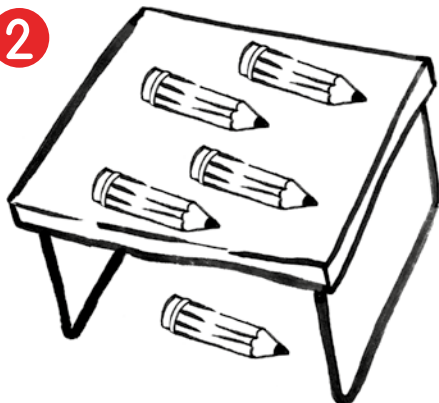
ka letsogong la gagwe la go ja?
in his right hand?

2

ka moka ge di hlakana?
altogether?

5

2



Na ke tšae kae 

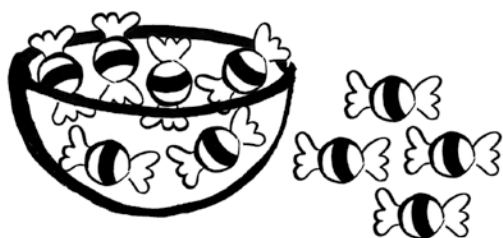
How many

godimo ga teseke?
on top of the desk?

ka fase ga teseke?
under the desk?

ka moka ge di hlakana?
altogether?

3



Na ke a makae 

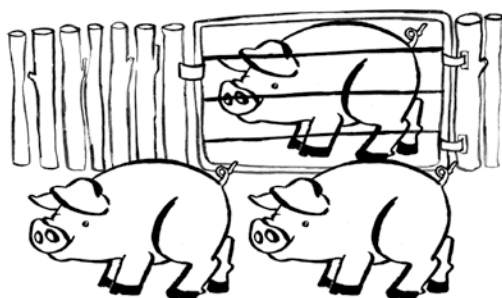
How many

ka gare ga mogopo?
inside the bowl?

ka ntle ga mogopo?
outside the bowl?

ka moka ge di hlakana?
altogether?

4



Na ke tšae kae 

How many

ka morago ga legora?
behind the fence?

ka pele ga legora?
in front of the fence?

ka moka ge di hlakana?
altogether?



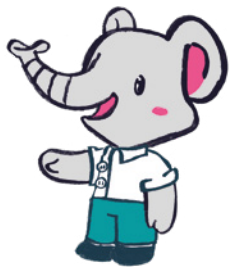
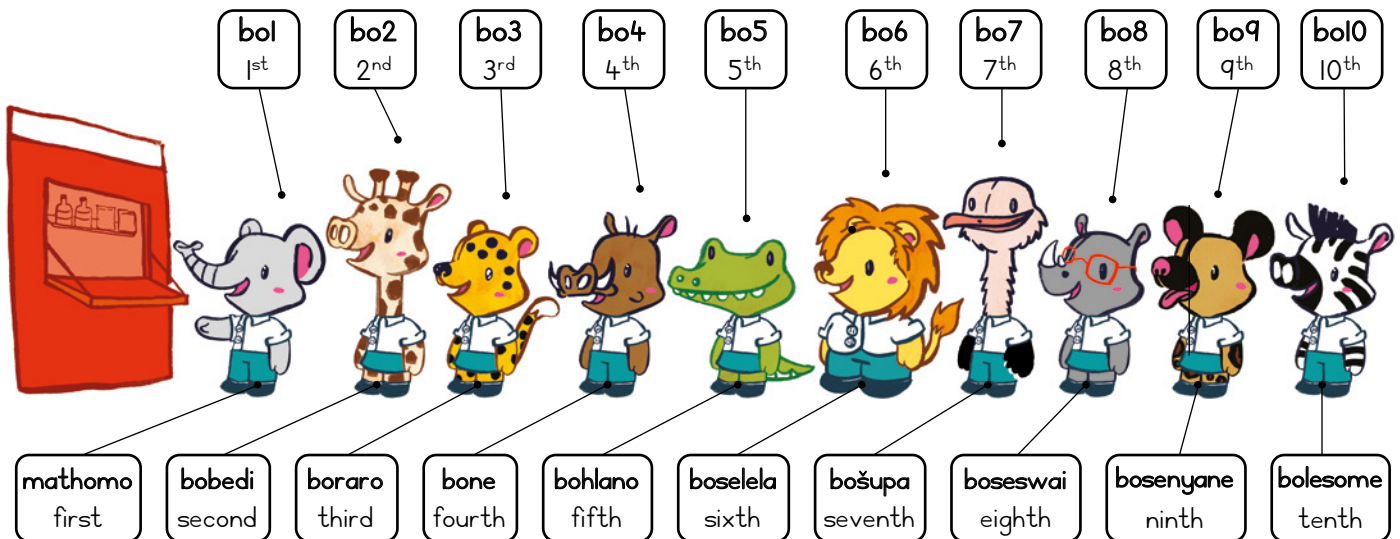
MMETSE
WA HLOGO
MENTAL MATHS

MORUTIŠI O RE
TEACHER SAYS

KGODIŠO YA KGOPOLO
CONCEPT DEVELOPMENT

PAPADI
GAME

LETLAKALATŠHOMELO
WORKSHEET



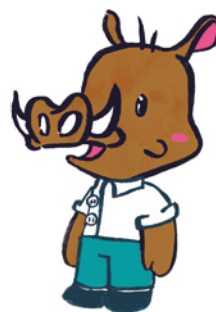
ke wa mathomo
is first



ke wa mafelelo
is last



o pele ga
is before



o morago
ga
is after



ke wa bobedi
is second



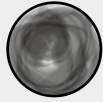
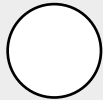
ke wa boselela
is sixth



Khalara didiko
tše 2 tša godimo
ka **bohube**du.



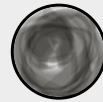
Colour the top 2 circles **red**.



Khalara didiko
tše 2 tša ka tlase
ka **boso**.



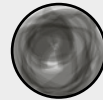
Colour the bottom 2 circles **black**.



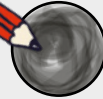
Khalara sediko sa
mathomo go tloga
godimo ka **boso**.



Colour the 1st circle from the
top **black**.



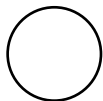
Khalara sediko
sa bobedi go
tloga godimo
ka **bohube**du.



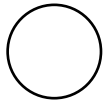
Colour the 2nd circle from the
top **red**.

Feleletša paterone.

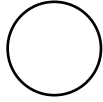
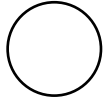
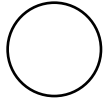
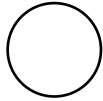
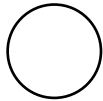
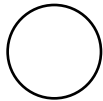
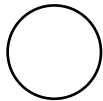
Complete the pattern.



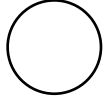
Khalara didiko tša
ka godimo tše 5 ka
mmala wo **mohube**du.



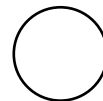
Colour the top 5 circles **red**.



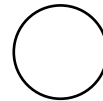
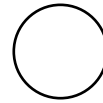
Khalara didiko tša ka
fase tše 5 ka mmala
wo **moso**.



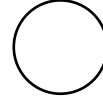
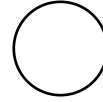
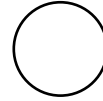
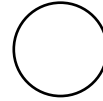
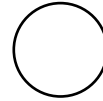
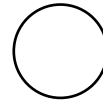
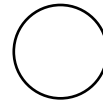
Colour the bottom 5 circles **black**.



Khalara didiko
tša bo2, bo4, bo6
go tloga godimo
ka mmala wo
mohubedu.



Colour the 2nd, 4th and 6th circles
from the top **red**.



Khalara didiko tša
bo1, bo3, bo5 go tloga
godimo ka mmala
wo **moso**.

Colour the 1st, 3rd and 5th circles
from the top **black**.

Feleletša paterone.

Complete the pattern.

MMETSE
WA HLOGO
MENTAL MATHS

MORUTIŠI O RE
TEACHER SAYS

KGODIŠO YA KGOPOLO
CONCEPT DEVELOPMENT

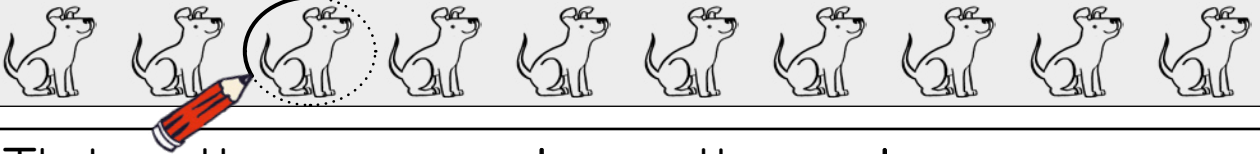
PAPADI
GAME

MATLAKALATŠHOMELO
WORKSHEETS

1

Thala sediko go mpša ya bo3 go tloga go la ngele.

Circle the 3rd dog from the left.



Thala sediko go mpša ya bo5 go tloga go la go ja.

Circle the 5th dog from the right.



Thala sediko go mpša ya bobedi go tloga go la ngele.

Circle the second dog from the left.



Thala sediko go mpša ya bone go tloga go la go ja.

Circle the fourth dog from the right.



Thala sediko go mpša ya bošupa go tloga go la ngele.

Circle the seventh dog from the left.



2

Thala sediko go dimpša tše 3 tša mathomo go tloga go la ngele.

Circle the first 3 dogs from the left.

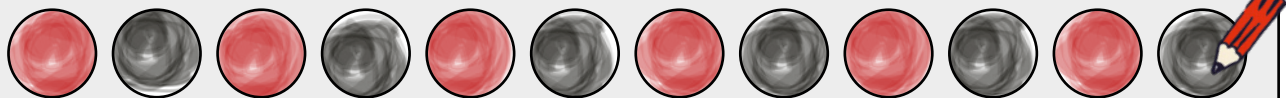


Thala sediko go dimpša tše 2 tša mafelelo ka go la go ja.

Circle the last 2 dogs on the right.



3



Khalara didiko tša bo1, bo3, bo5 ka mmala wo **mohubedu**.

Colour the 1st, 3rd and 5th circles **red**.

Khalara didiko tša bo2, bo4, bo6 ka mmala wo **moso**.

Colour the 2nd, 4th and 6th circles **black**.

Feleletša paterone.

Complete the pattern.



Khalara didiko tša bo1, bo2, bo4, bo5 ka mmala wo **mohubedu**.

Colour the 1st, 2nd, 4th and 5th circles **red**.

Khalara didiko tša bo3, bo6 ka mmala wo **moso**.

Colour the 3rd and 6th circles **black**.

Feleletša paterone.

Complete the pattern.



Khalara didiko tša bo1, bo2, bo5, bo6 ka mmala wo **mohubedu**.

Colour the 1st, 2nd, 5th and 6th circles **red**.

Khalara didiko tša bo3, bo4, bo7, bo8 ka mmala wo **moso**.

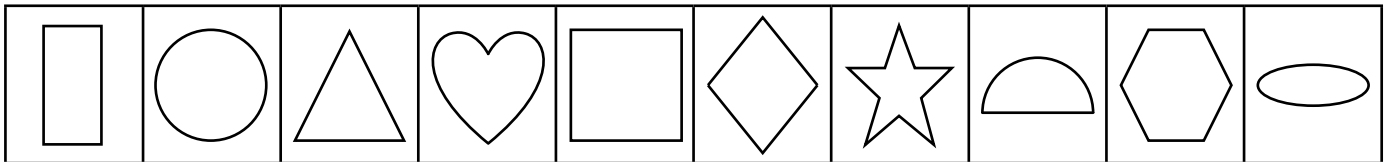
Colour the 3rd, 4th, 7th and 8th circles **black**.

Feleletša paterone.

Complete the pattern.

I Dibopego di beilwe ka tatelano go tloga go la nngwe go ya go la go ja.

The shapes have been placed in order from left to right.



Ke sefe sebopego sa ...?

Which shape is ...?

bošupa seventh		mafelelo last	
mathomo first		bošeswai eighth	
boraro third		bohlano fifth	
bosenyane ninth		bobedi second	
bone fourth		boselela sixth	
bolesome tenth		morago ga after	
morago ga after		pele ga before	

2



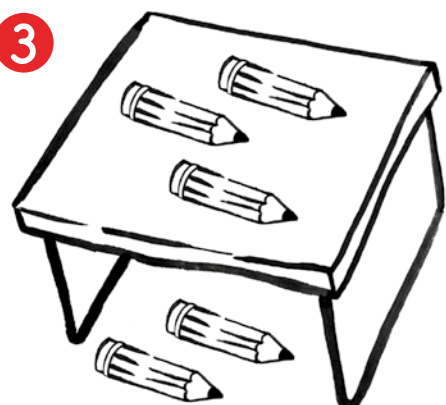
Na ke a makae 
How many

ka letsogong la gagwe la nngele?
in his **left** hand? 2

ka letsogong la gagwe la go ja?
in his **right** hand? 1

ka moka ge di hlakana?
altogether? 3

3



Na ke tšē kae 
How many

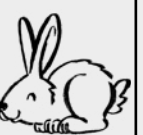
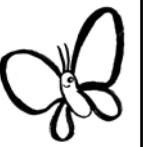
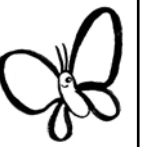
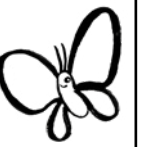
godimo ga teseke?
on top of the desk?

ka fase ga teseke?
under the desk?

ka moka ge di hlakana?
altogether?

4 Khalara phoofolo go ya ka boemo bjoo e filwego go tloga go la nngele.

Colour in the animal in the position given from the left.

							ya bo5 5 th
							ya bo1 1 st
							ya bo3 3 rd
							ya bo4 4 th
							ya bo2 2 nd

Go imela le go fefoga

Heavy and light

MMETSE
WA HLOGO
MENTAL MATHS

FIZZ POP – DITLEMAGANO
TŠA GO FIHLA GO 5
FIZZ POP – BONDS UP TO 5

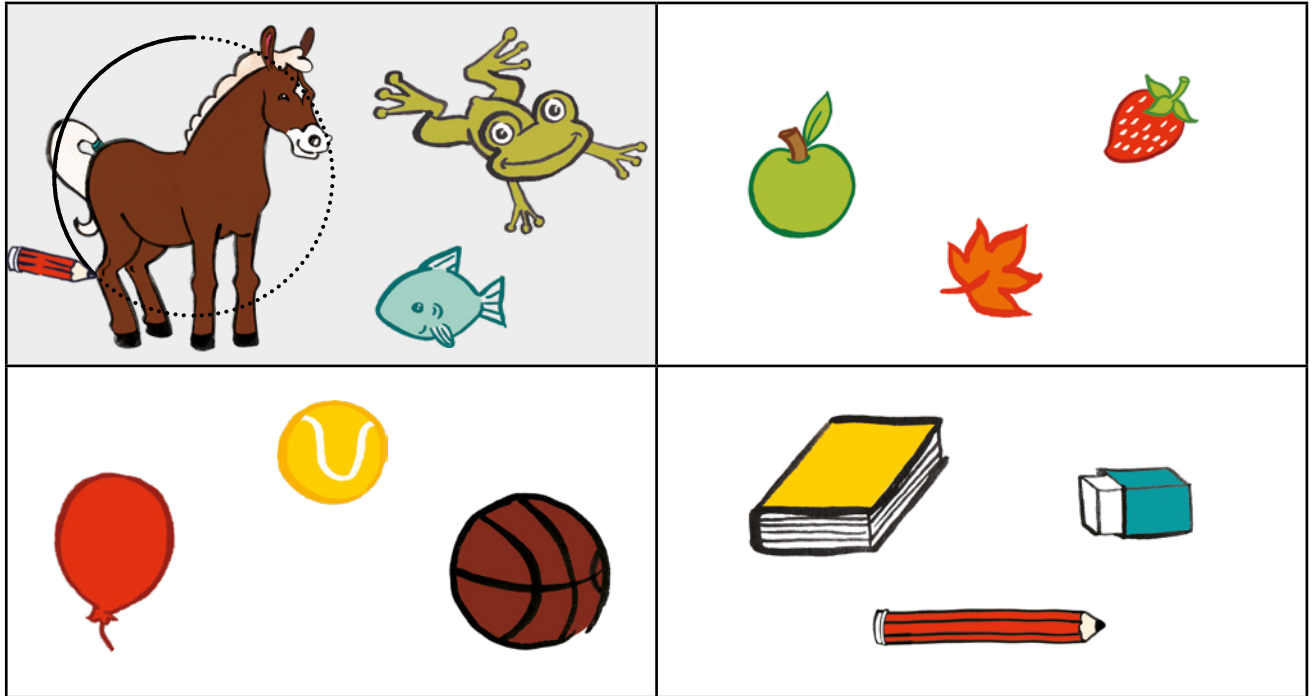
KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

PAPADI
GAME

MATLAKALATŠHOMELO
WORKSHEETS

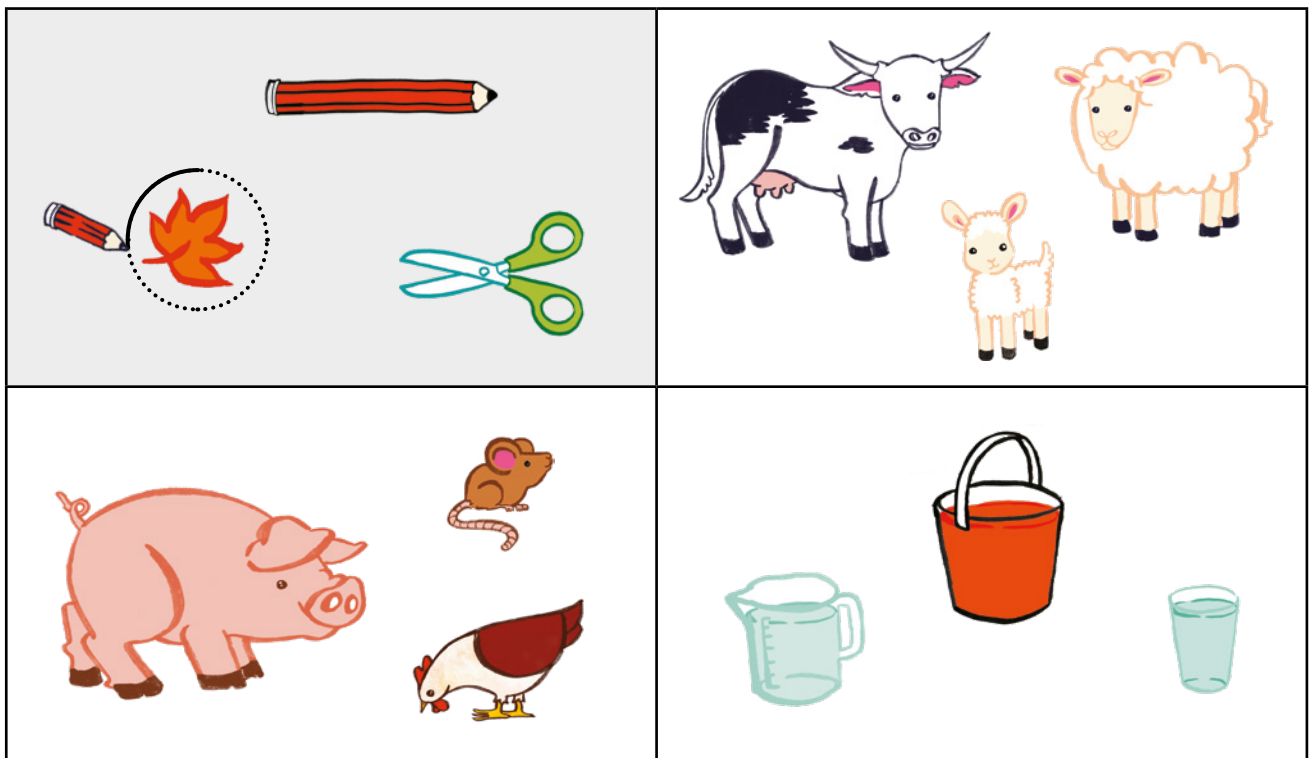
1 Thala sediko go seo se lego boimaima.

Circle the heaviest.



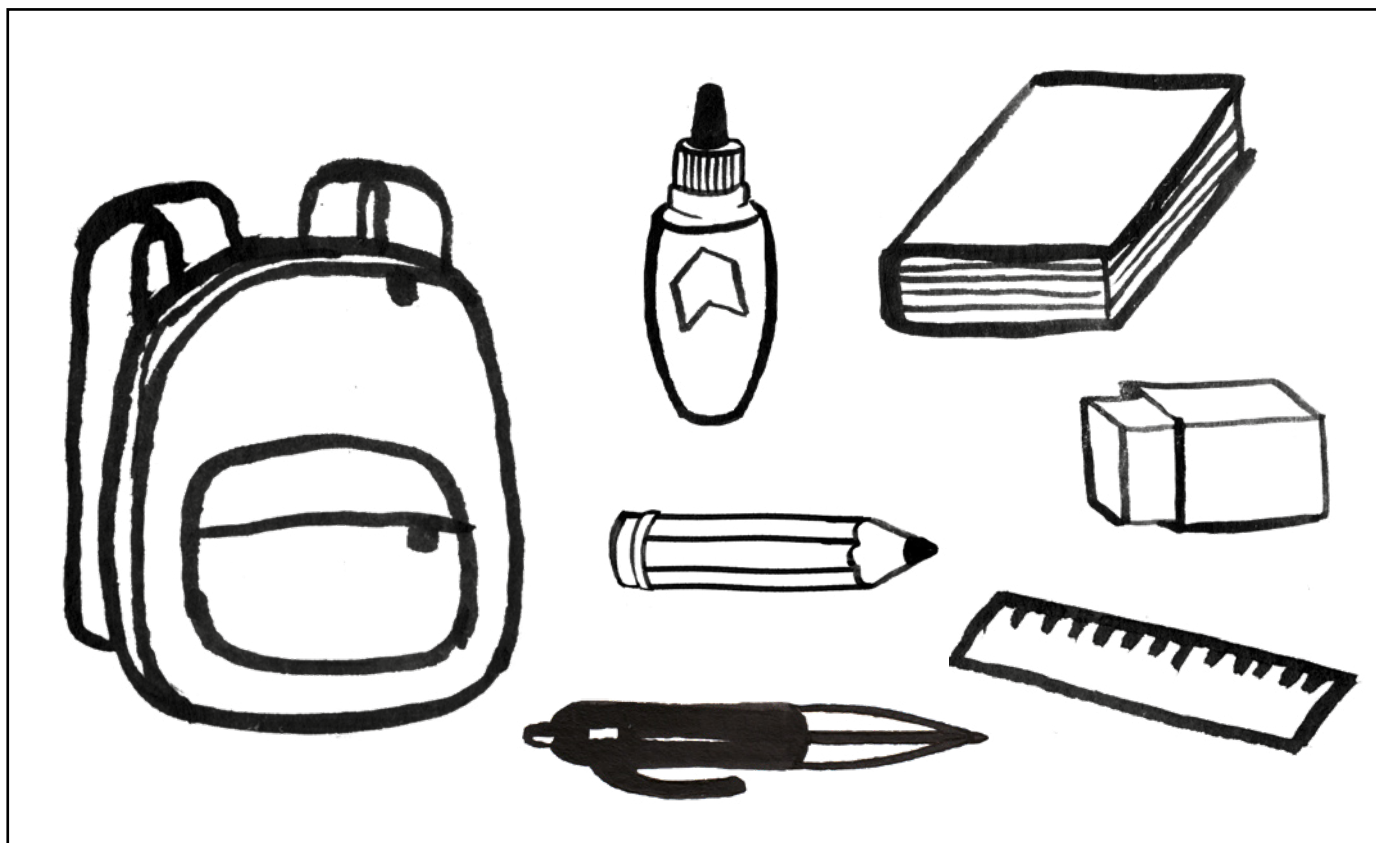
2 Thala sediko go seo se lego bofefofefo.

Circle the lightest.



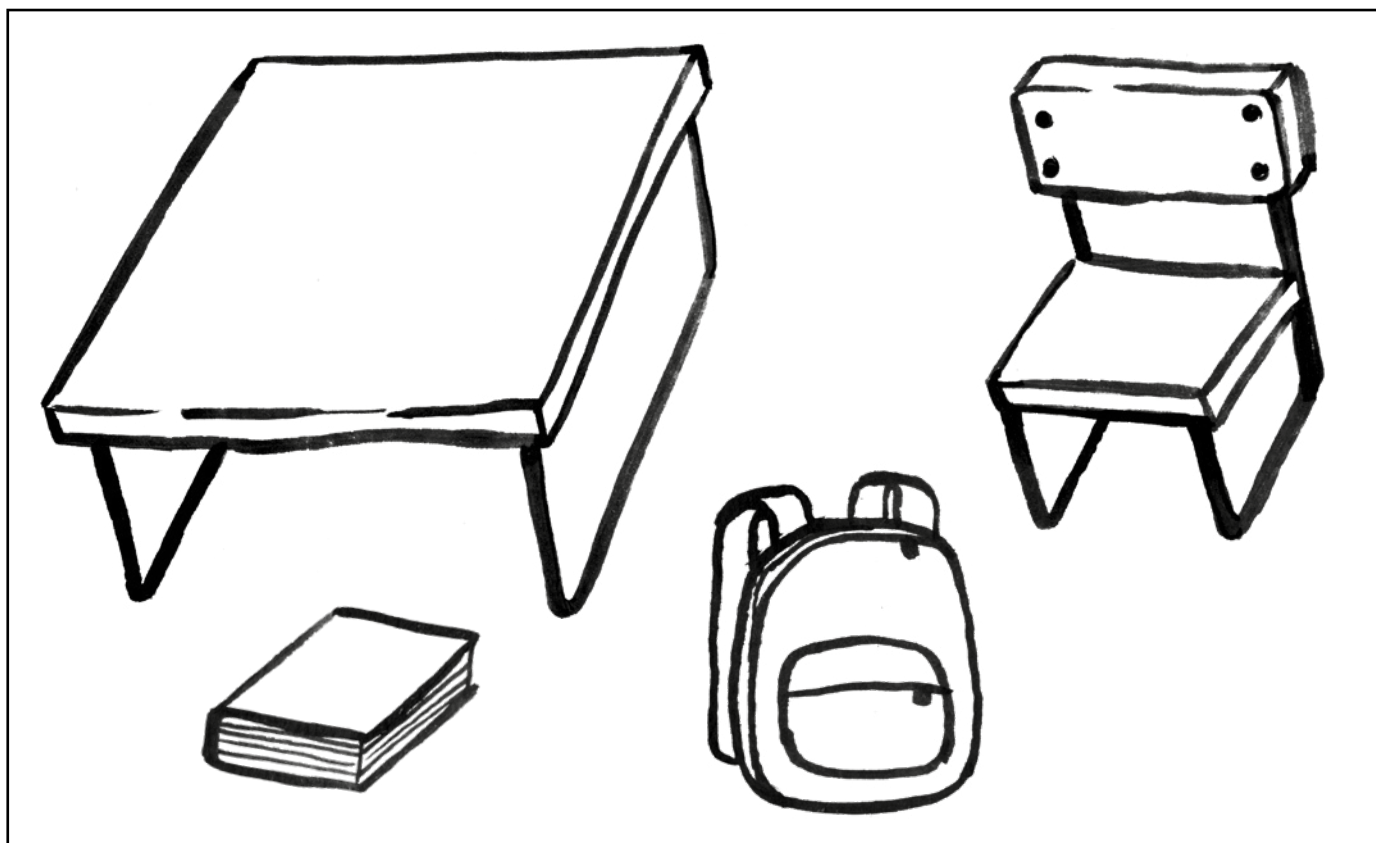
3 Khalara selo seo se lego bofelo.

Colour in something that is **light**.



4 Khalara selo seo se lego boima.

Colour in something that is **heavy**.



MMETSE
WA HLOGO
MENTAL MATHS

FIZZ POP – DITLEMAGANO
TŠA GO FIHLA GO 5
FIZZ POP – BONDS UP TO 5

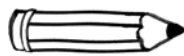
KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

PAPADI
GAME

MATLAKALATŠHOMELO
WORKSHEETS

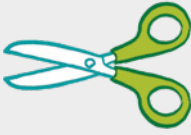
1 E imela kudu? Swaya lepokisi ka ✓.

Heavier? Tick the box.



2 Thala mosebe wa go ya go selo se bofelo kudu.

Draw an arrow to something that is lighter.

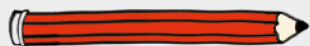
Imela kudu Heavier






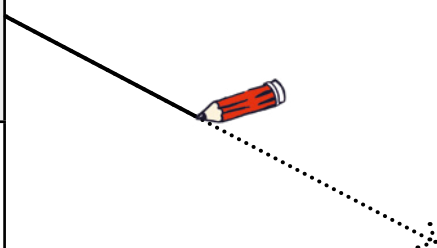


Bofelo kudu Lighter







Go bapetša boima

Comparing mass

MMETSE
WA HLOGO
MENTAL MATHS

FIZZ POP – DITLEMAGANO
TŠA GO FIHLA GO 5
FIZZ POP – BONDS UP TO 5

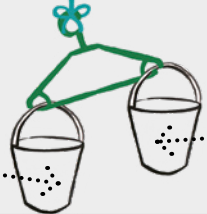
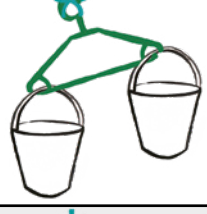
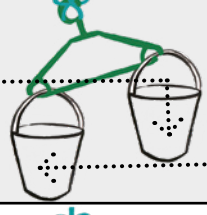
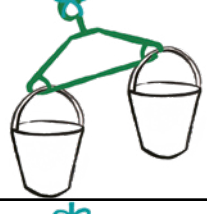
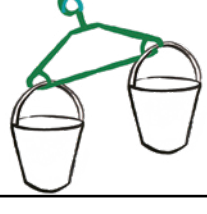
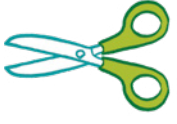
KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

PAPADI
GAME

MATLAKALATŠHOMELO
WORKSHEETS

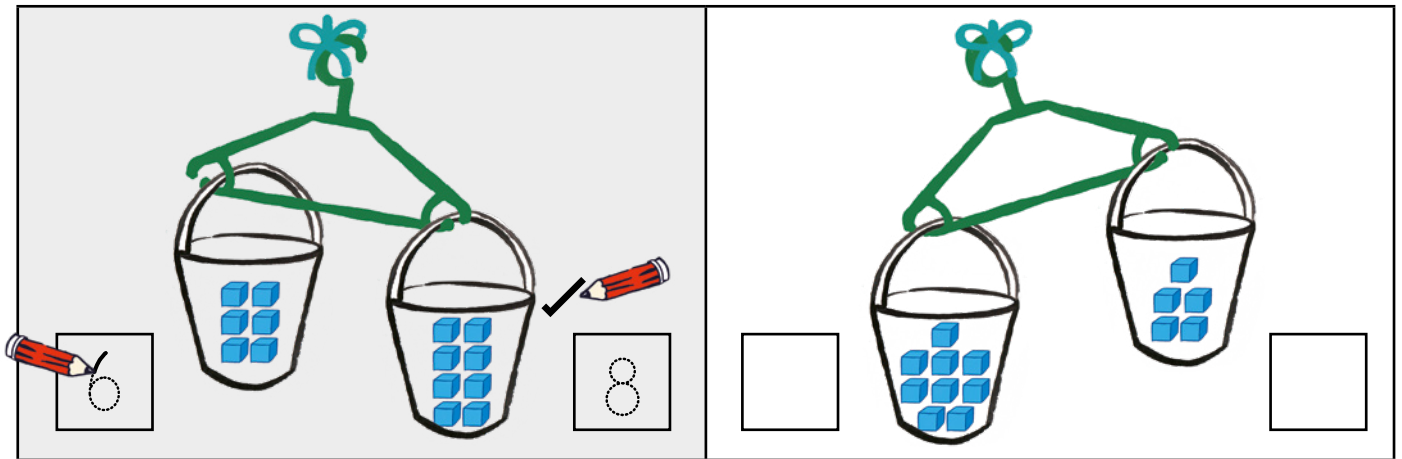
I Thala mosebe go laetša gore selo se tla ya kae (ga go imela kudu goba ga go fefoga kudu).

Draw an arrow to show where the objects would go (heavier or lighter).

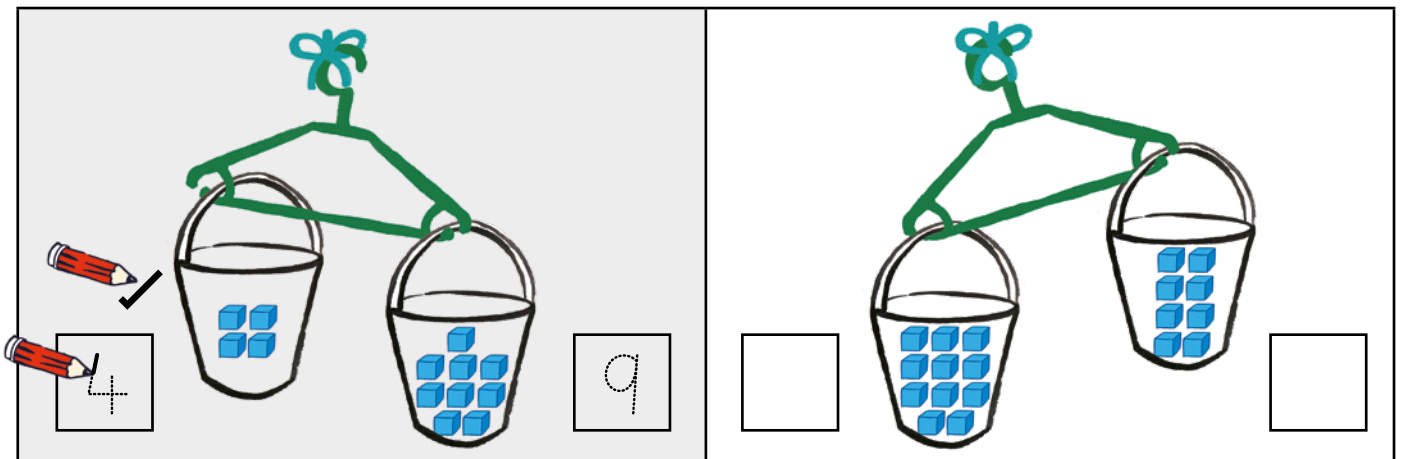
2 Na ke dipoloko tše kae? Swaya lehlakore le boima kudu ka ✓.

How many blocks? Tick the **heavier** side.



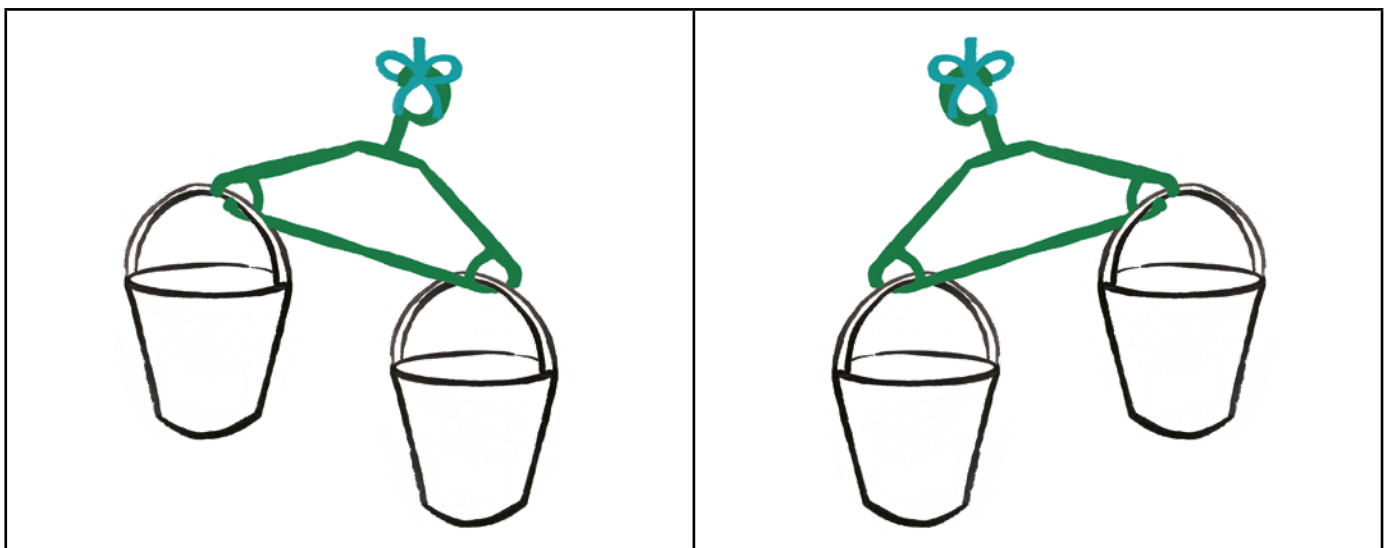
3 Na ke dipoloko tše kae? Swaya lehlakore le bofelo kudu ka ✓.

How many blocks? Tick the **lighter** side.



4 Thala dipoloko gore sekala se lekelele gabotse.

Draw blocks so that the scale is hanging correctly



MMETSE
WA HLOGO
MENTAL MATHS

FIZZ POP – DITLEMAGANO
TŠA GO FIHLA GO 5
FIZZ POP – BONDS UP TO 5

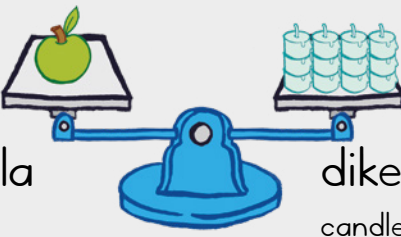
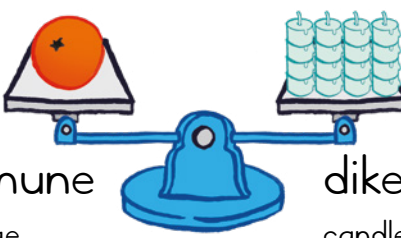
KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

PAPADI
GAME

MATLAKALATŠHOMELO
WORKSHEETS

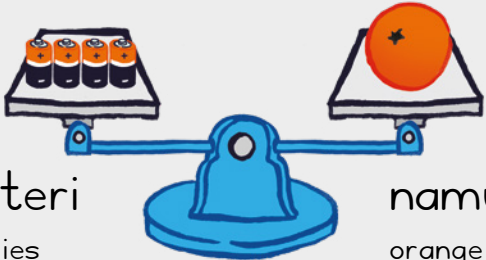
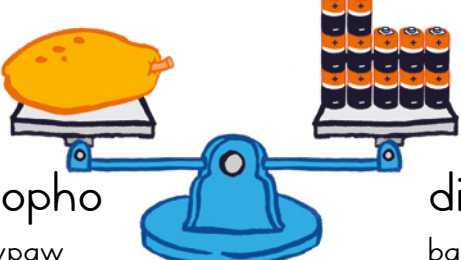
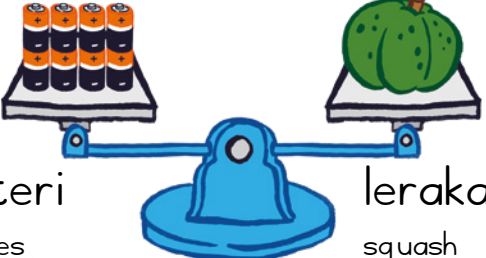
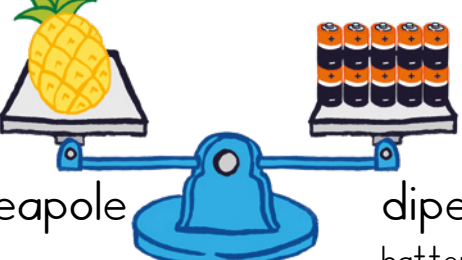
I Feleletša lefoko le lengwe le le lengwe.

Complete each sentence.

 phopho pawpaw tamati tomato	Phopho e boima kudu go feta <u>tamati</u>. The <u>pawpaw</u> is heavier than the <u>tomato</u>.
 puku book mokotla bag	_____ e bofelo kudu go _____. The _____ is lighter than the _____.
 apola apple dikeresese candles	Apole e imela go lekana le dikeresese tše dinnyane tše <u>12</u>. The apple has the same mass as <u>12</u> small candles.
 namune orange dikeresese candles	Namune e imela go lekana le dikeresese tše nnyane tše ____. The orange has the same mass as ____ small candles.
 apola apple dipeteri batteries	Apole e imela go lekana le dipeteri tše ____. The apple has the same mass as ____ batteries.
 dipeteri batteries bolo ball	Kgwele e imela go lekana le dipeteri tše ____. The ball has the same mass as ____ batteries.

2 Motšo ke peteri e l.

A unit is 1 battery.

 dipeteri batteries namune orange	Boima bja namune ke metšo ye <u>4</u>. The mass of the orange is <u>4</u> units.
 tamati tomato dipeteri batteries	Boima bja tamati ke metšo ye ____. The mass of the tomato is ____ units.
 phopho pawpaw dipeteri batteries	Boima bja phopho ke metšo ye ____. The mass of the pawpaw is ____ units.
 dipeteri batteries leraka squash	Boima bja leraka ke metšo ye ____. The mass of the squash is ____ units.
 phaeneapole pineapple dipeteri batteries	Boima bja phaeneapole ke metšo ye ____. The mass of the pineapple is ____ units.
 dipeteri batteries teye tea	Boima bja teye ke metšo ye ____. The mass of the tea is ____ units.

Papadi: Ke sefe se boima kudu?

Game: Which one is heavier?

O hloka sekala sa go itirela sa go lekanya gore o raloke papadi ye.

You will need a home-made balance scale to play the game.

Kgetha dilo tša gago tša go raloka ka tšona! A re lekole boima.

Choose your items! Let's check the mass.

Ke kgetha phentshele le sekgomaretši.

I choose a pencil and glue.

Ke re sekgomaretši se boima kudu go feta phentshele.

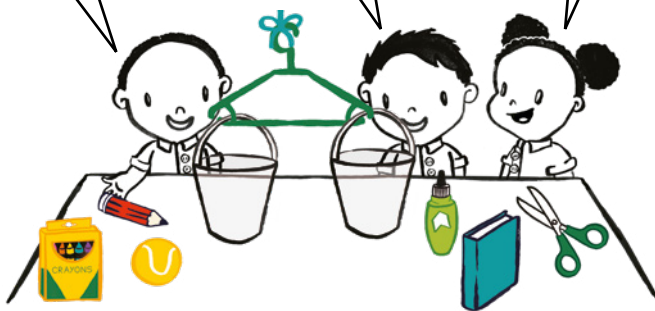
I say glue is heavier than the pencil.

Phentshele e bofebo kudu go sekgomaretši.

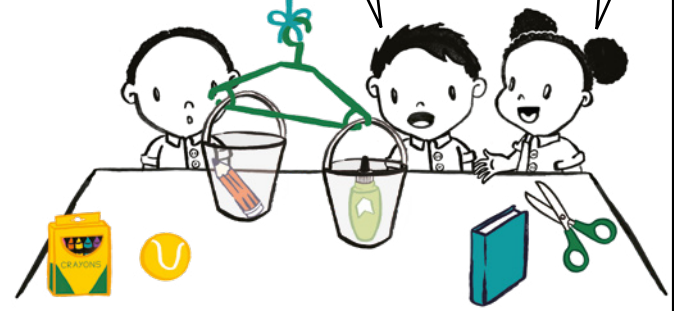
The pencil is lighter than the glue.

Sekgomaretši se boima kudu go feta phentshele. Ke thophile.

The glue is heavier than the pencil. I win.



1



2

A re raloke gape. Go kgetha wena.

I choose crayons and scissors.

Ke kgetha dikhrayone le dikero.

Let's play again. You choose.

Ke re dikero di boima kudu go feta dikhrayone.

I say the scissors are heavier than the crayons.

Dikhrayone di boima kudu go feta dikero. Ke thophile.

The crayons are heavier than the scissors. I win.

Dikero di bofebo kudu go dikhrayone.

The scissors are lighter than the crayons.



3



4

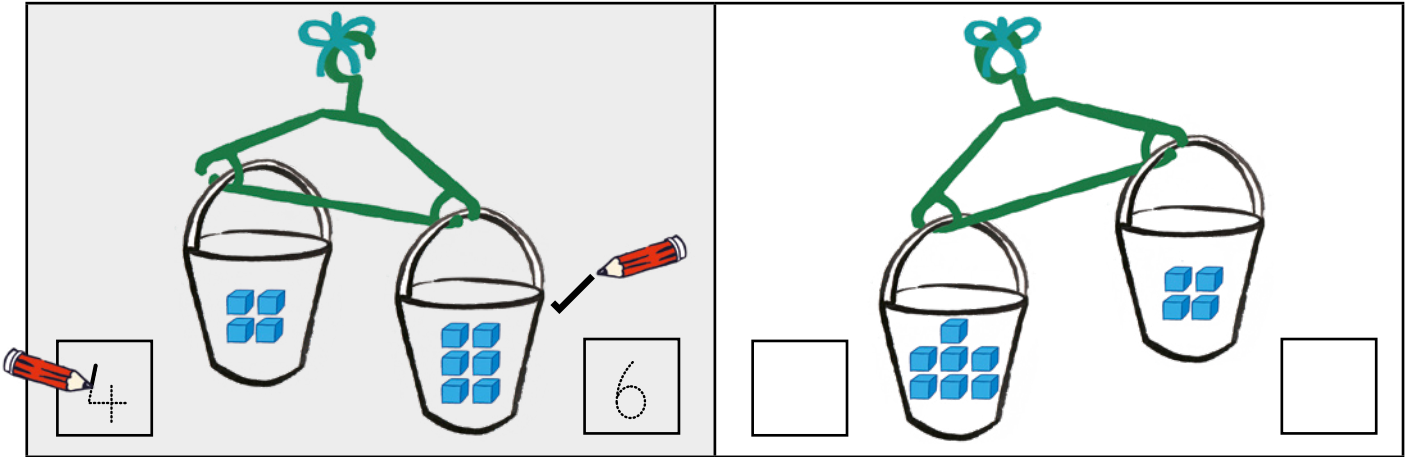
Barutwana ba tšhentšhana go kgetha dilo. Boloka rekhoto ya go re ke medukologo ye mekae yeo e dirago gore o thope ntlha.

Take turns to choose items. Keep a record of how many rounds you win a point.

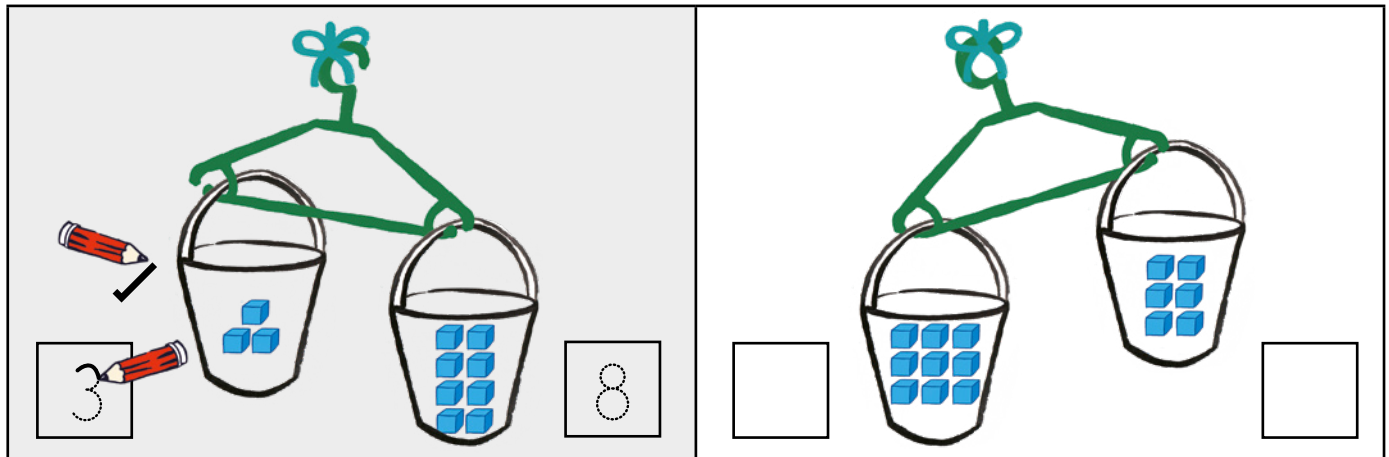
LETLAKALATŠHOMELO
WORKSHEET

LETLAKALATŠHOMELO
WORKSHEET

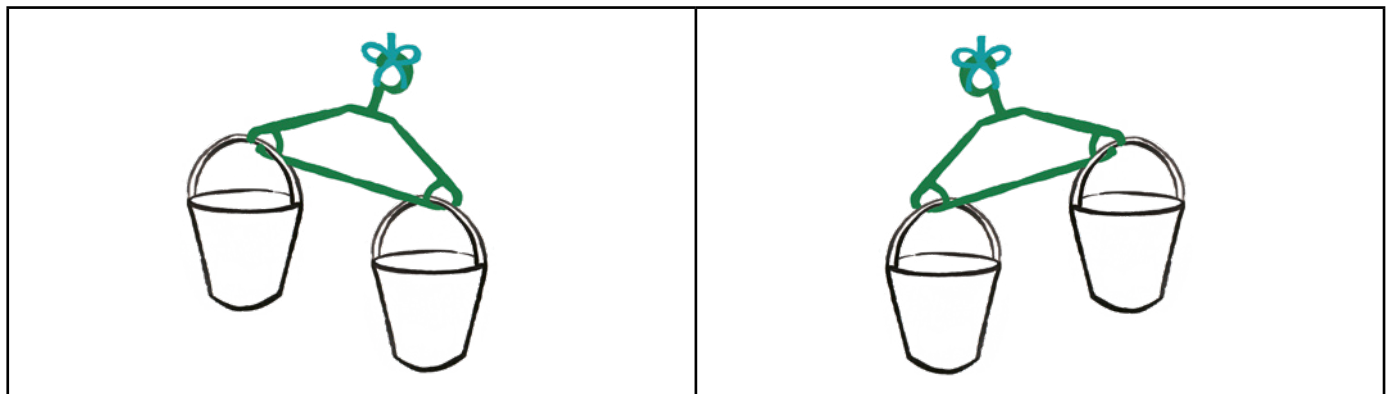
- 1** Na ke dipoloko tše kae? Swaya lehlakore le boima kudu ka ✓.
How many blocks? Tick the **heavier** side.



- 2** Na ke dipoloko tše kae? Swaya lehlakore le bofelo kudu ka ✓.
How many blocks? Tick the **lighter** side.

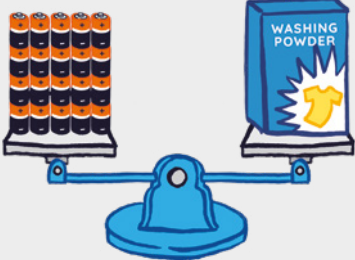


- 3** Thala dipoloko gore sekala se lekelele gabotse.
Draw blocks so that the scale is hanging correctly.



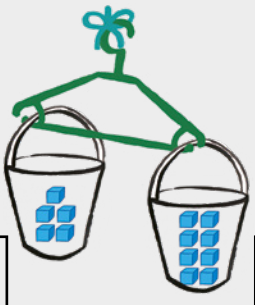
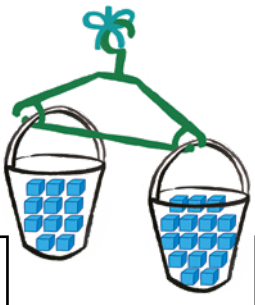
4 Motšo ke peteri e l.

A unit is 1 battery

	Boima bja sesepa ke metšo ye <u>20</u>. The mass of the soap is <u>20</u> units.
	Boima bja dikhrayone ke metšo ye ____. The mass of the crayons is ____ units.
	Boima bja dikarata ke metšo ye ____. The mass of the cards is ____ units.

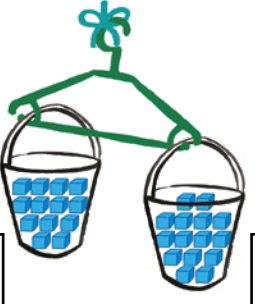
5 Swaya morwalo wo boima kudu ka ✓.

Tick the **heavier** load.

 ☐ ☒	 ☐ ☐	 ☐ ☐
---	--	--

6 Swaya morwalo wo bofelo kudu ka ✓.

Tick the **lighter** load.

 ☐ ☒	 ☐ ☐	 ☐ ☐
---	--	--

Ke mohlare ofe woo o nago le tše nnyane? Which tree has less?



MMETSE
WA HLOGO
MENTAL MATHS

1, 2, 3 BONTŠHA –
YE KGOLO KE YA MANG?
1, 2, 3 SHOW – WHOSE IS BIGGER?

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

PAPADI
GAME

MATLAKALATŠHOMELO
WORKSHEETS

Bea dinonyana tše dingwe mohlareng o tee, tše dingwe go wo mongwe. Ke mohlare ofe woo o nago le dinonyana tše ntši?

Put some birds into each tree. Which tree has **more** birds?

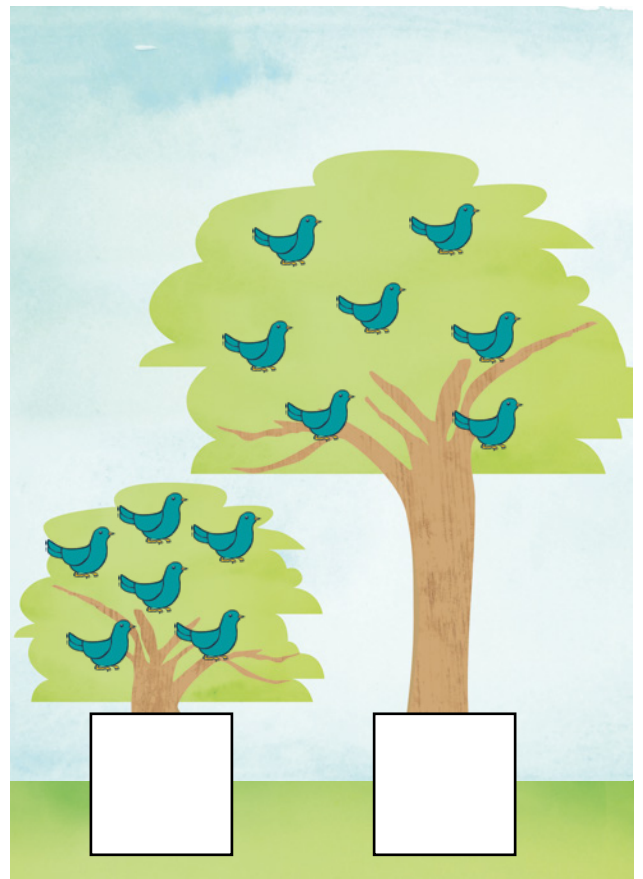
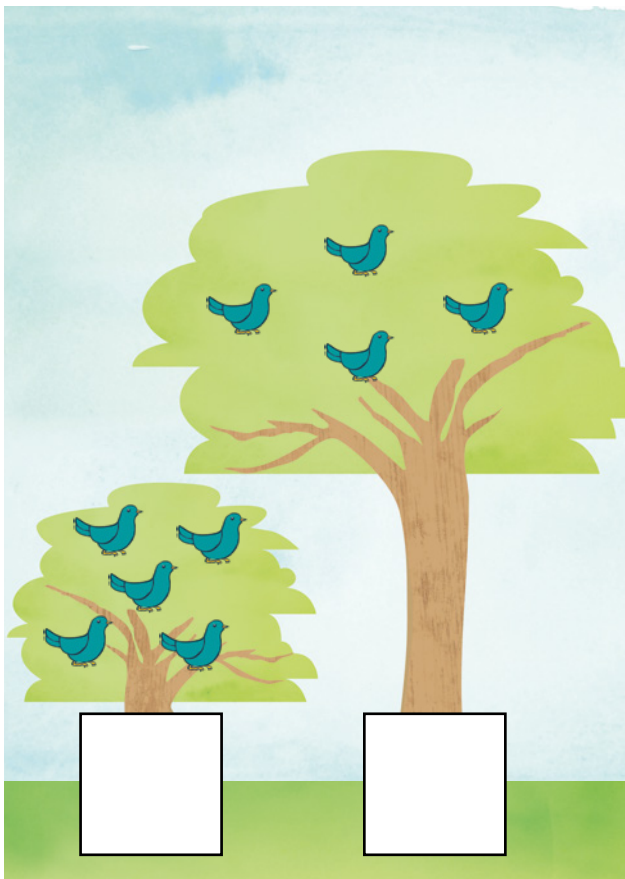
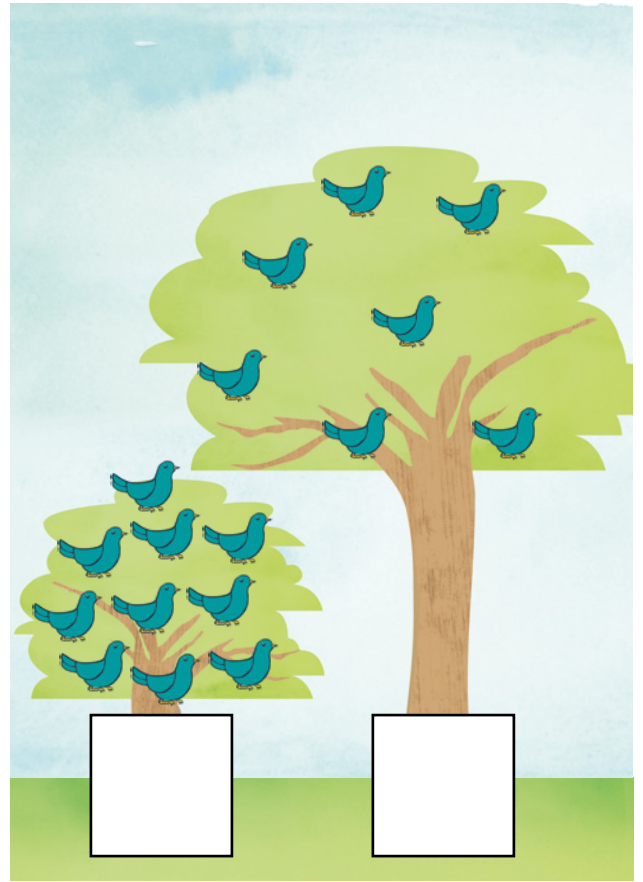
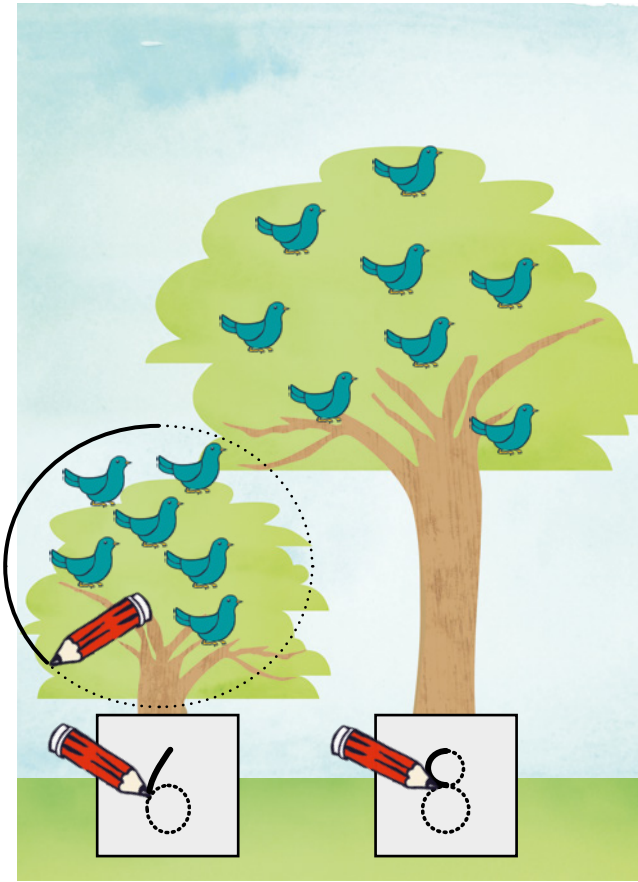
Šomiša dibaledi tša gago.

Use your counters.



1 Na ke dinonyana tše kae? Thala sediko go mohlare wa go ba le dinonyana tše nnyane.

How many birds? Circle the tree with **less** birds.

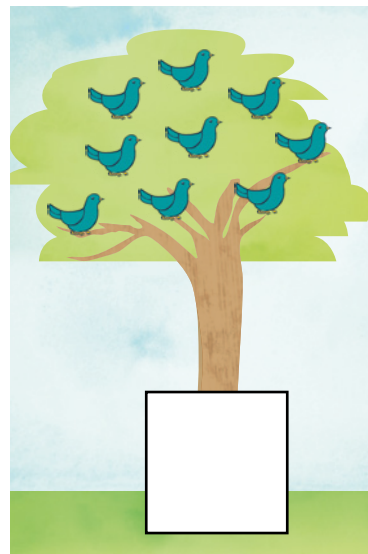
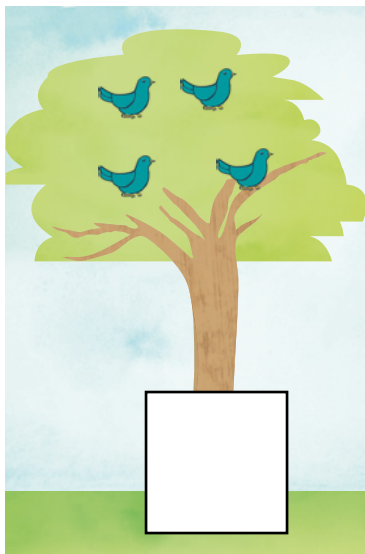
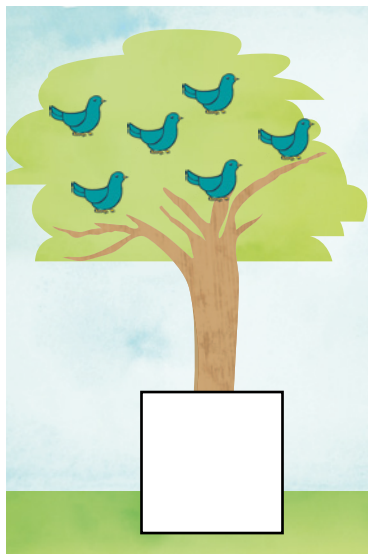


Which tree has less?

Week 9 • Day 1

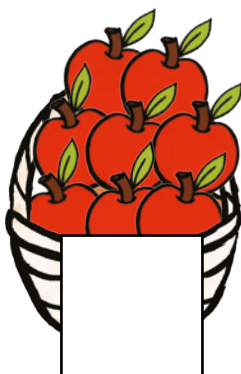
- 2 Na ke dinonyana tše kae? Thala sediko go mohlare wa go ba le dinonyana tše dintši.

How many birds? Circle the tree with **most** birds.



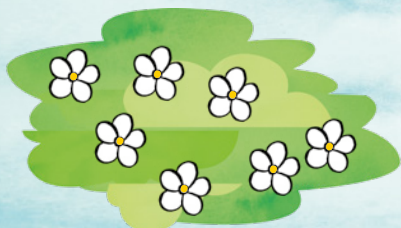
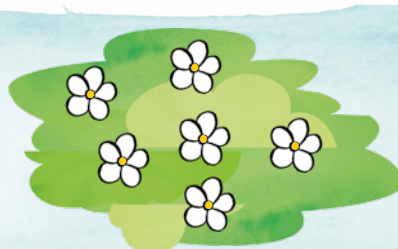
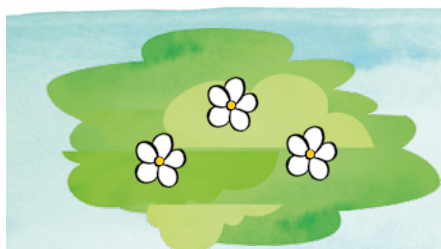
- 3 Na ke diapole tše kae? Thala sediko go seroto sa go ba le diapole tše nnyane.

How many apples? Circle the basket with the **least** apples.



- 4 Na ke maloba a makae? Thala sediko go sethokgwa sa maloba a manyane.

How many flowers? Circle the bush with the **least** flowers.



Kgolo kudu go le nnyane kudu go

Bigger than and smaller than



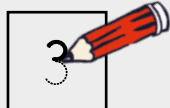
Boledišanang ka go re ke efe ye ntši le go re ke efe ye nnyane.

Discuss which is **more** and which is **less**.



5 ke ye ntši go 3. 5 is **more** than 3.

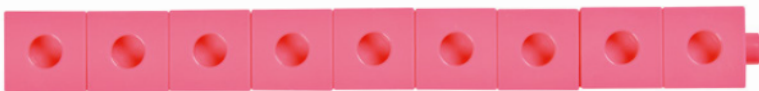
5 ke ye kgolo kudu go 3. 5 is **bigger** than 3.



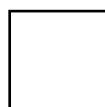
3 ke ye nnyane go 5. 3 is **less** than 5.

3 ke ye nnyane kudu go 5.

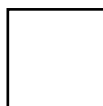
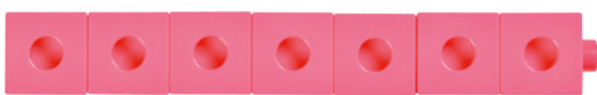
3 is **smaller** than 5.



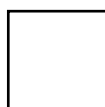
ke ye ntši go
is **more** than



ke ye nnyane go
is **less** than



ke ye ntši go
is **more** than



ke ye nnyane go
is **less** than



1 Thala sediko go palo ye kgolo kudu.

Circle the **bigger** number.

3	5
---	---

1	4
---	---

3	2
---	---

6	5
---	---

4	6
---	---

5	3
---	---

2 Thala sediko go palo ye nnyane kudu.

Circle the **smaller** number.

10	9
----	---

4	5
---	---

6	8
---	---

10	8
----	---

7	2
---	---

1	10
---	----

3 Thala sediko go palo ye kgolokgolo.

Circle the **biggest** number.

2	4
6	3
8	

5	9
6	
10	7

4 Thala sediko go palo ye nnyanenyane.

Circle the **smallest** number.

2	6
4	
8	5

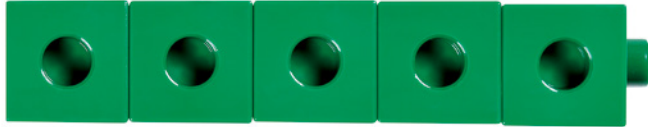
5	3
6	
4	9



Dira diterene ka tše ntši go le tše nnyane go.
Make trains with **more** than and **less** than.

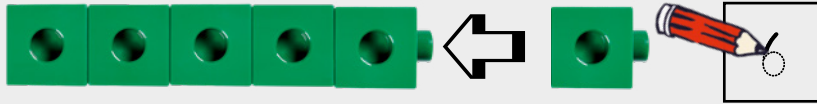
1 Terene ya 5 ke ye.

Here is a train of 5.



Dira terene ya poloko ya go feta ka 1.

Make a train with 1 **more** block.

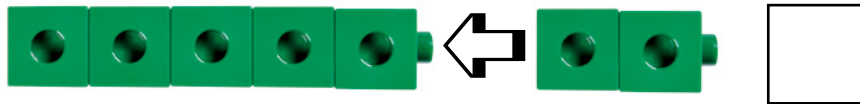


ntši ka 1 go 5 ke ...

1 **more** than 5 is ...

Dira terene ya dipoloko tše ntši ka 2.

Make a train with 2 **more** blocks.



ntši ka 2 go 5 ke ...

2 **more** than 5 is ...

Dira terene ya poloko ye nnyane ka 1.

Make a train with 1 **less** block.

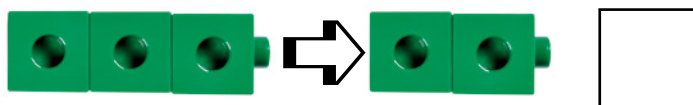


nnyane ka 1 go 5 ke ...

1 **less** than 5 is ...

Dira terene ya dipoloko tše nnyane ka 2.

Make a train with 2 **less** blocks.



nnyane ka 2 go 5 ke ...

2 **less** than 5 is ...

2 Terene ya dipoloko tše 7 ke ye.

Here is a train of 7.



Dira terene ya poloko ya go feta ka 1.

Make a train with 1 more block.



ntši ka 1 go 7 ke ...

1 more than 7 is ...

Dira terene ya dipoloko tša go feta ka 2.

Make a train with 2 more blocks.



ntši ka 2 go 7 ke ...

2 more than 7 is ...

Dira terene ya poloko ye nnyane ka 1.

Make a train with 1 less block.

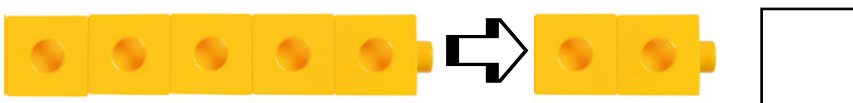


nnyane ka 1 go 7 ke ...

1 less than 7 is ...

Dira terene ya dipoloko tše nnyane ka 2.

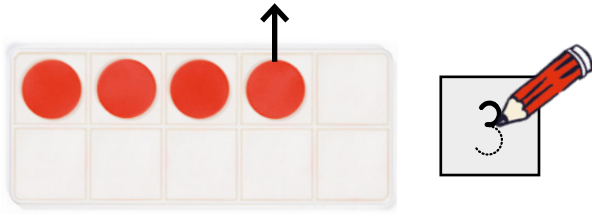
Make a train with 2 less blocks.



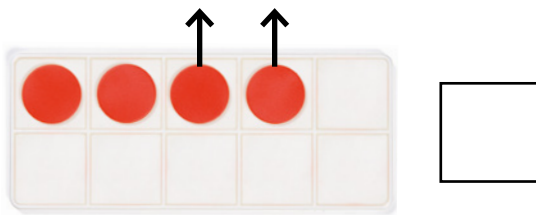
nnyane ka 2 go 7 ke ...

2 less than 7 is ...

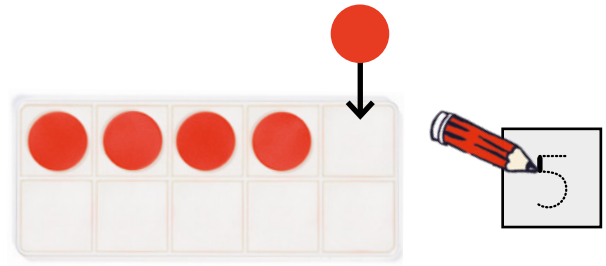
3 Ke eng ye nnyane ka 1 go 4?
What is 1 less than 4?



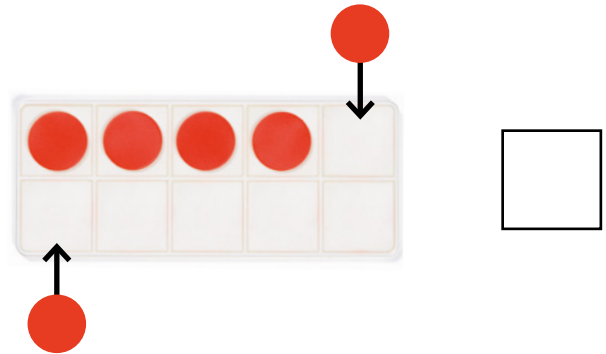
Ke eng ye nnyane ka 2 go 4?
What is 2 less than 4?



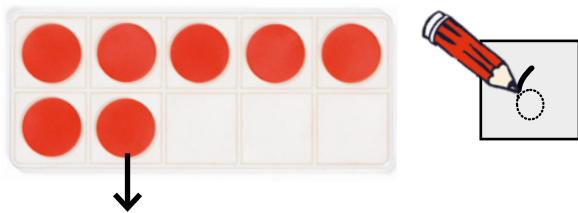
Ke eng yentši ka 1 go 4?
What is 1 more than 4?



Ke eng yentši ka 2 go 4?
What is 2 more than 4?



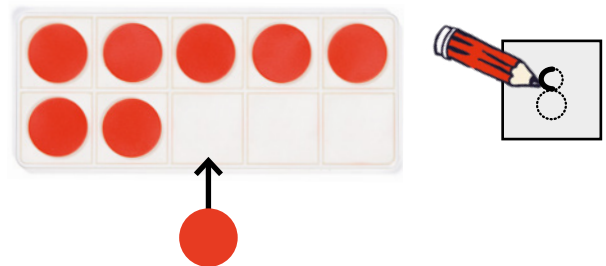
4 Ke eng ye nnyane ka 1 go 7?
What is 1 less than 7?



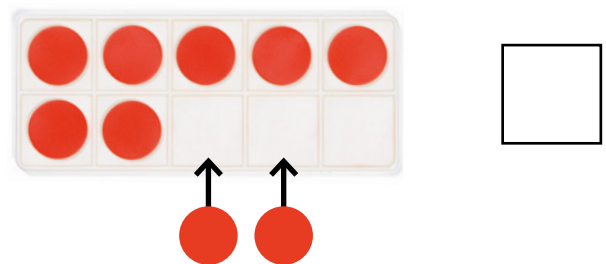
Ke eng ye nnyane ka 2 go 7?
What is 2 less than 7?



Ke eng yentši ka 1 go 7?
What is 1 more than 7?

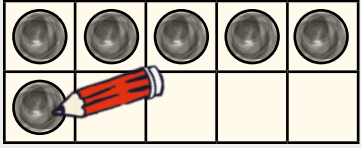
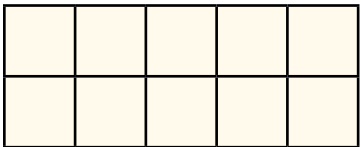
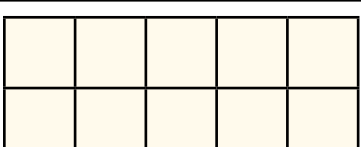
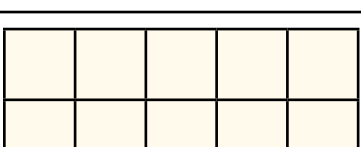


Ke eng yentši ka 2 go 7?
What is 2 more than 7?



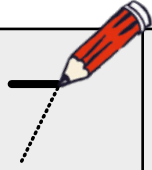
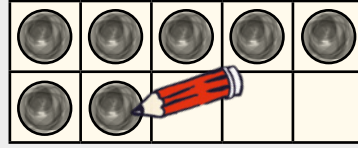
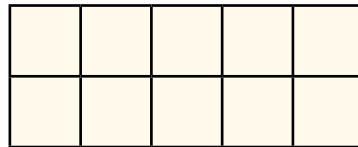
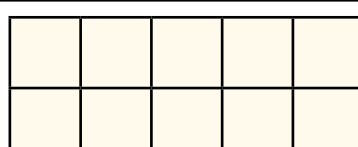
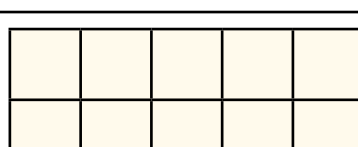
5 Thala marontho go laetša palo.

Draw dots to show the number.

6	
4	
8	
9	

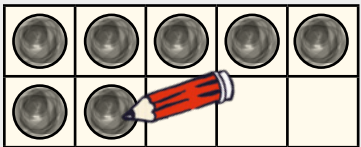
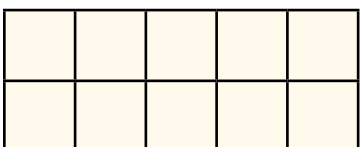
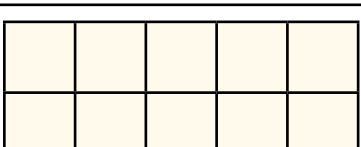
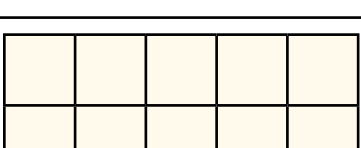
Thala tše ntši ka l.

Draw 1 more.

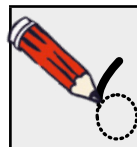
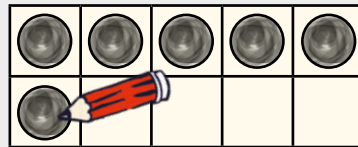
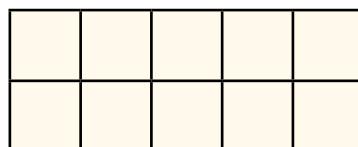
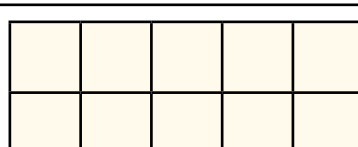
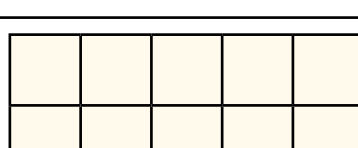
6 Thala marontho go laetša palo.

Draw dots to show the number.

7	
5	
9	
10	

Thala tše nnyane ka l.

Draw 1 less.

Go bapetša dipalo Comparing numbers

MMETSE
WA HLOGO
MENTAL MATHS

1, 2, 3 BONTŠHA -
YE KGOLO KE YA MANG?
1, 2, 3 SHOW - WHOSE IS BIGGER?

KGODIŠO YA KGOPOLO
CONCEPT DEVELOPMENT

PAPADI
GAME

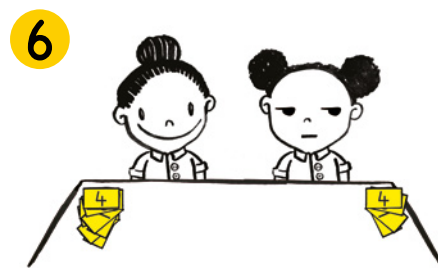
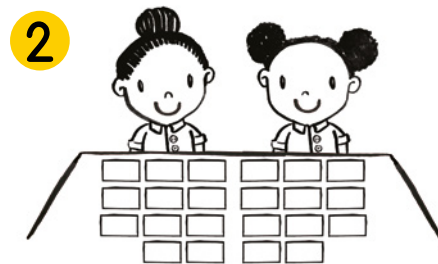
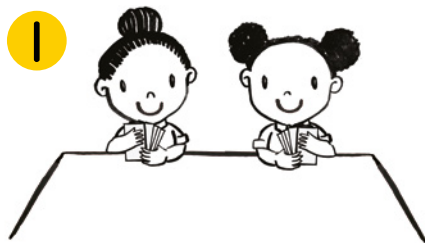
LETLAKALATŠHOMELO
WORKSHEET

Papadi: Ke mang yo a nago le ye kgolo kudu?

Game: Whose is bigger?

O hloka baraloki ba ba 2, disete tše 2 tša dikarata tšeo di nomorilwego ka 0 go ya go 10.

You need 2 players and 2 sets of cards numbered 0 to 10.



Morutwana yoo palo ya gagwe e lego ye kgolo kudu o tšea dikarata ka bobedi. Ge e le go re di a swana, ba tšea karata e tee e tee.

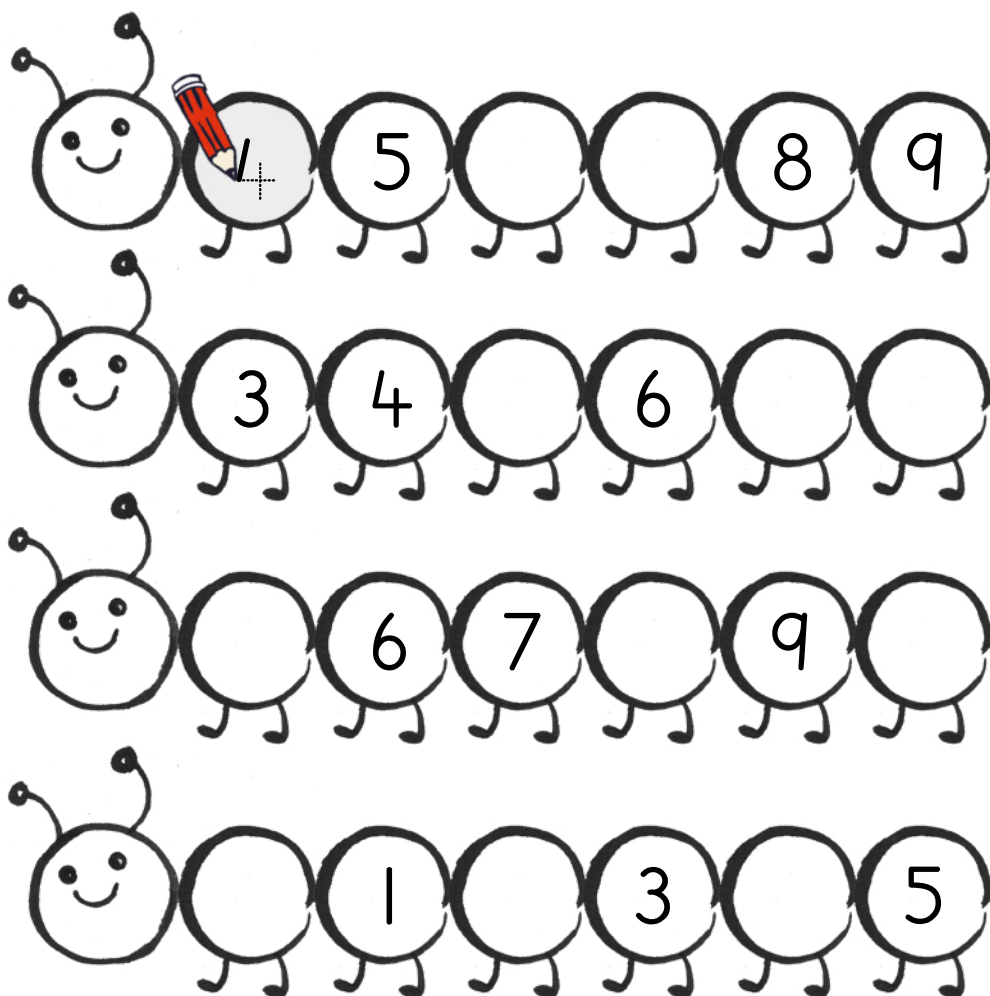
The learner whose number is **bigger** keeps **both** cards. If they are the same keep one card each.

Mothopasefoka ke yoo a nago le dikarata tše dintši.

The winner is the one who has **more** cards.

1 Tlatša dipalo tšeo di tlogetšwego.

Fill in the missing numbers.



2 Ngwala palo.

Write the number.

Pele Before	
	3
	5
	6
	7

Morago After	
2	
5	
3	
6	

LETLAKALATŠHOMELO
WORKSHEET

LETLAKALATŠHOMELO
WORKSHEET

- 1 Ngwala palo.
Write the number.

Pele Before	
	7
	8
	6
	9

Morago After	
8	
6	
4	
9	

- 2 Thala sediko go palo ye kgolo kudu.
Circle the **bigger** number.

9	5
---	---

4	6
---	---

1	2
---	---

- 3 Thala sediko go palo ye nnyane kudu.
Circle the **smaller** number.

6	3
---	---

7	9
---	---

2	8
---	---

- 4 Thala sediko go palo ye kgolokgolo.
Circle the **biggest** number.

2	4	8	6	5
---	---	---	---	---

5	4	6	9	3
---	---	---	---	---

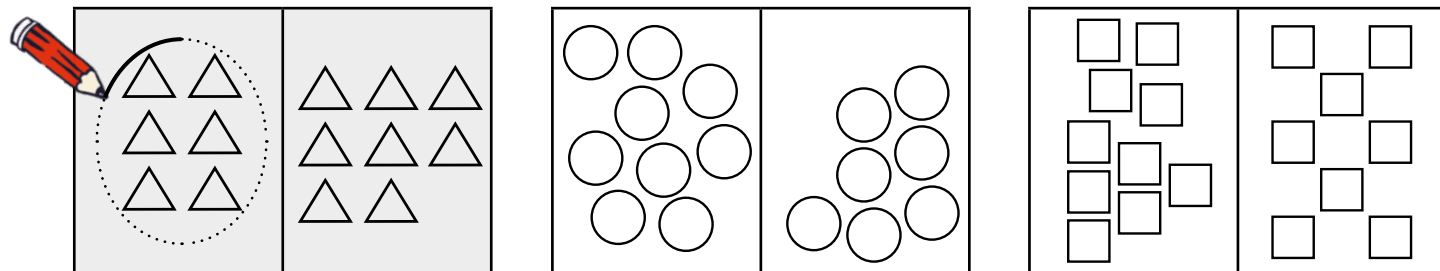
- 5 Thala sediko go palo ye nnyanenyane.
Circle the **smallest** number.

6	2	8	3	6
---	---	---	---	---

10	6	5	9	7
----	---	---	---	---

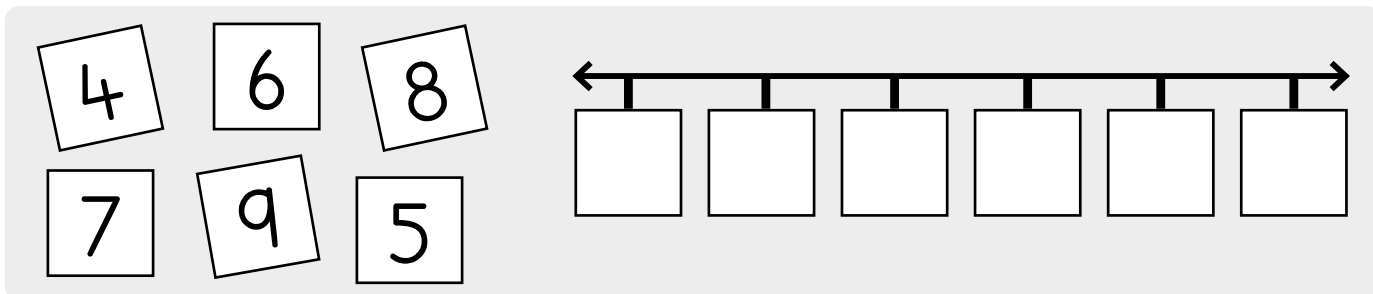
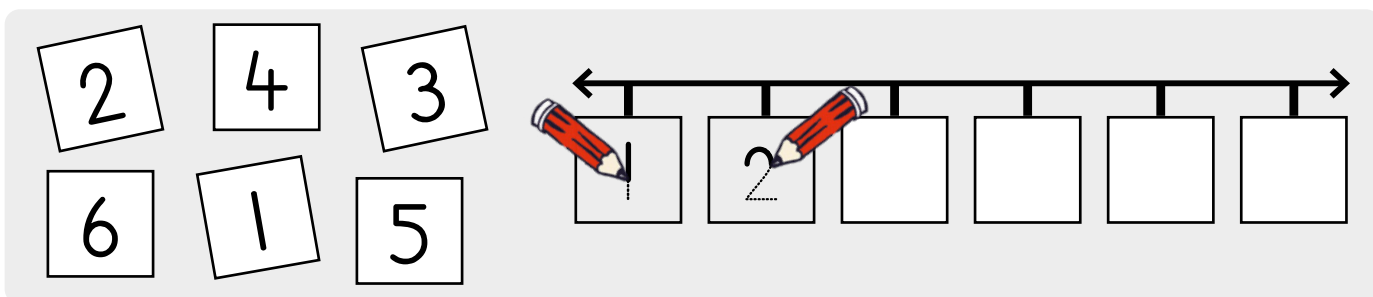
- 6 Ka polokong ye nngwe le ye nngwe, thala sediko go sehlopha sa diboego tše mmalwa.

In each block, circle the group with **less** shapes.



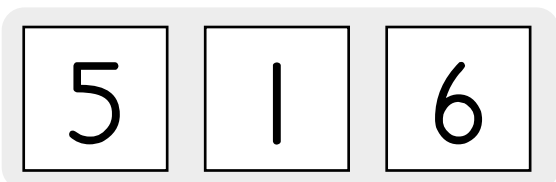
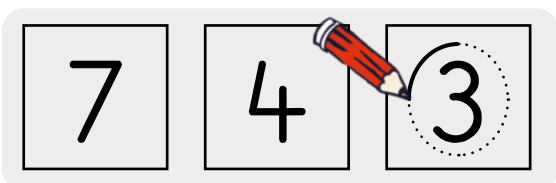
- 7 Beakanya dipalo go tloga go ye nnyanenyane go ya go ye kgolokgolo.

Arrange the numbers from **smallest** to **biggest**.



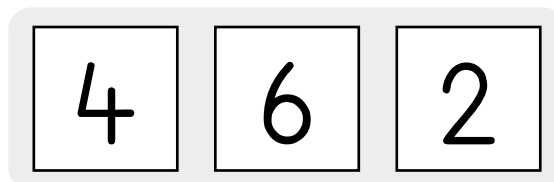
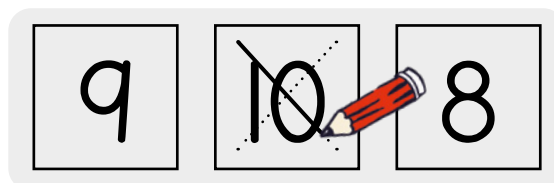
- 8 Thala sediko go palo ye nnyanenyane.

Circle the **smallest** number.



- 9 Thala mothalo godimo ga palo ye kgolokgolo.

Cross out the **largest** number.





MMETSE
WA HLOGO
MENTAL MATHS

KE DUMA GE
NKABE KE NA LE
I WISH I HAD

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

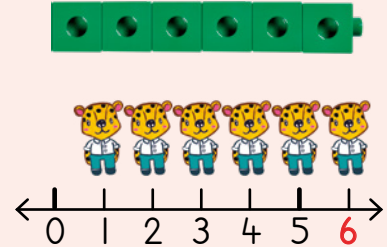
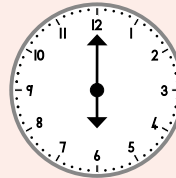
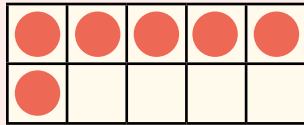
PAPADI
GAME

MATLAKALATŠHOMELO
WORKSHEETS

tshela

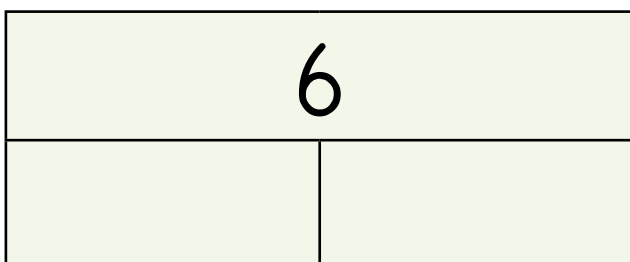
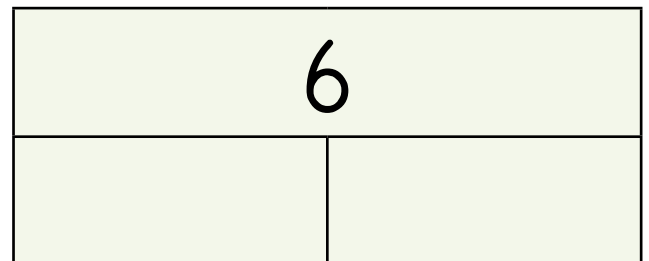
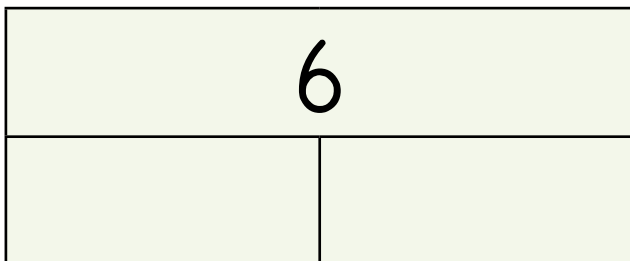
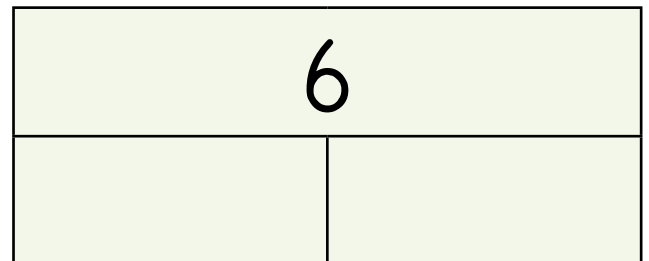
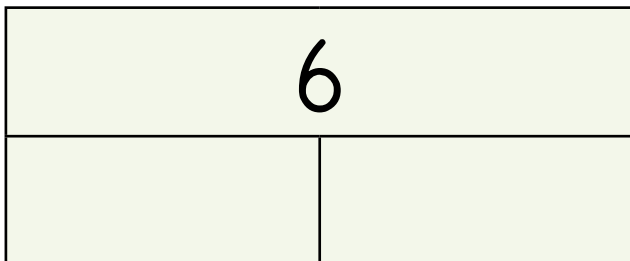
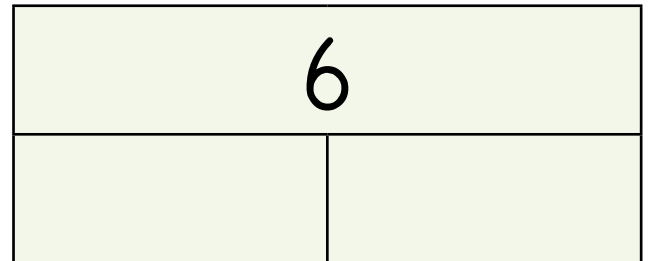
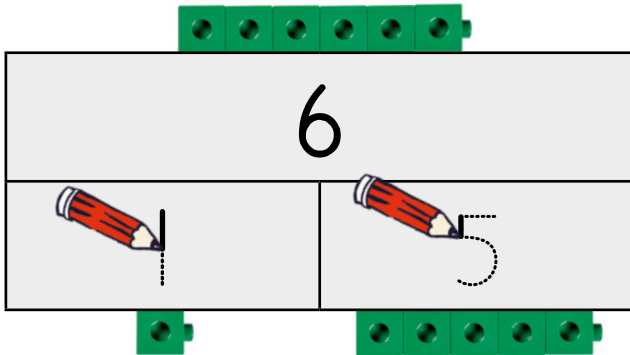
six

6

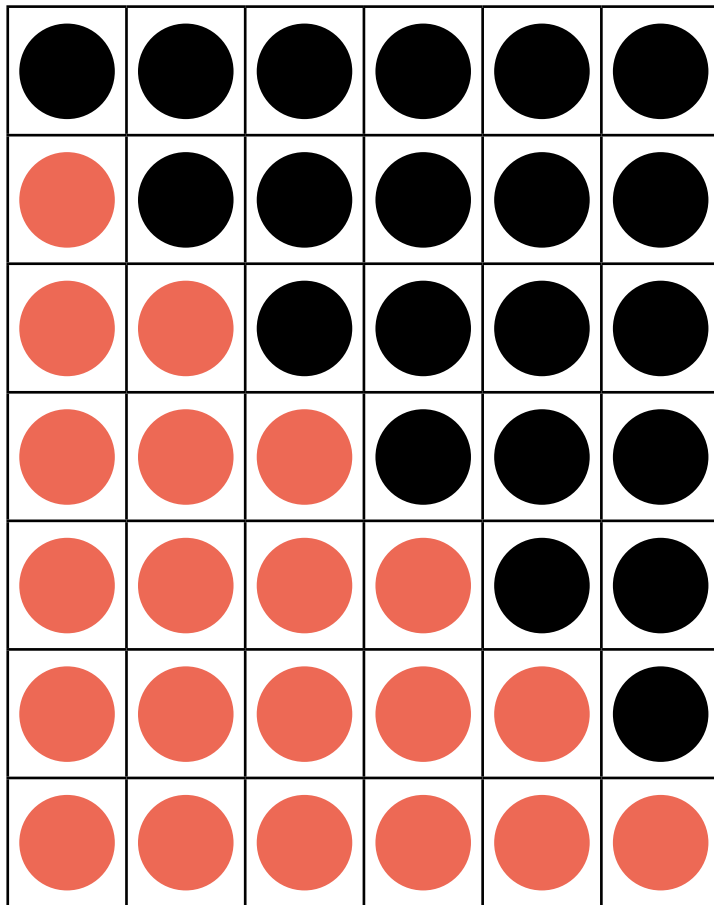


Dira 6.

Make 6.

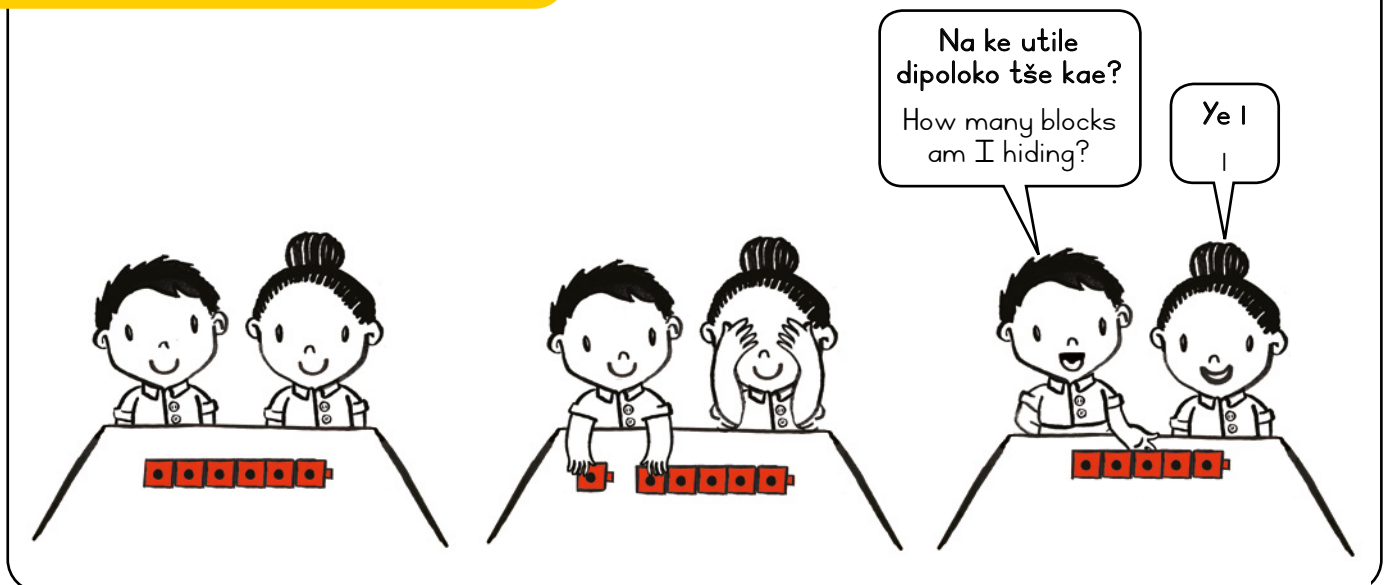


1 Ngwala ditsela tša go dira 6 ka gare ga ntlo ya tlemagano.
Record the ways to make up 6 in the bond house.



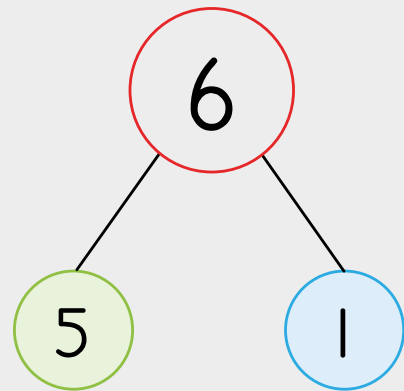
6	
0	6
1	5

Papadi: Na ke utile tše kae?
Game: How many am I hiding?



5 le 1 di dira 6
and make

1 le 5 di dira 6
and make

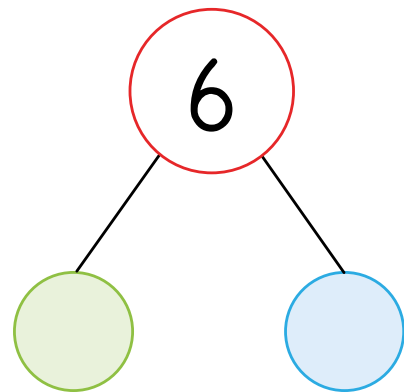


2 Ke dipalo dife gape tšeo di dirago 6?

What other numbers make 6?

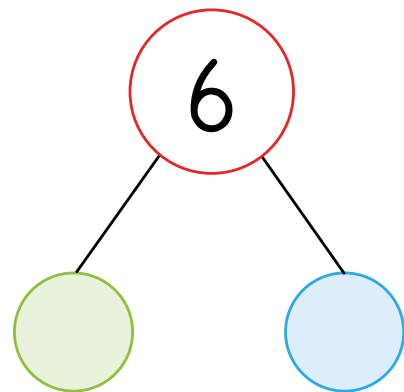
4 le 2 di dira 6
and make

le di dira 6
and make



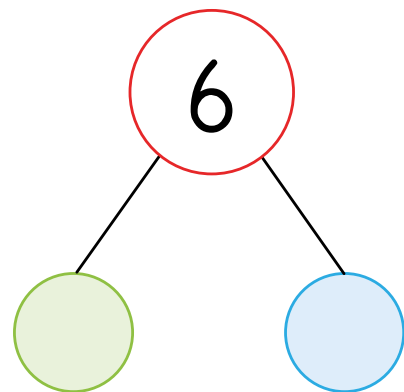
3 le 3 di dira 6
and make

le di dira 6
and make



0 le 6 di dira 6
and make

le di dira 6
and make





MMETSE
WA HLOGO
MENTAL MATHS

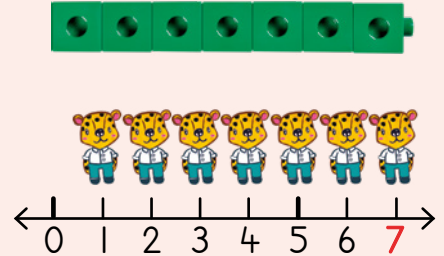
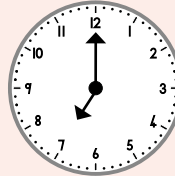
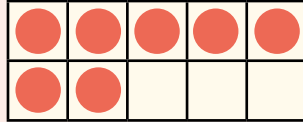
KE DUMA GE
NKABE KE NA LE
I WISH I HAD

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

PAPADI
GAME

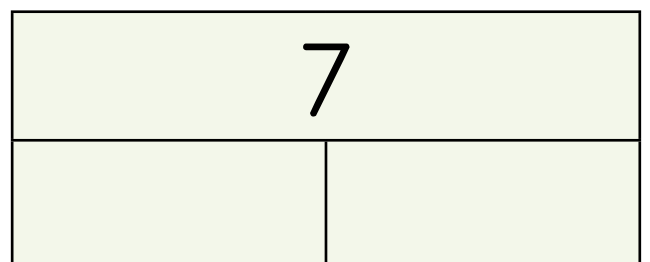
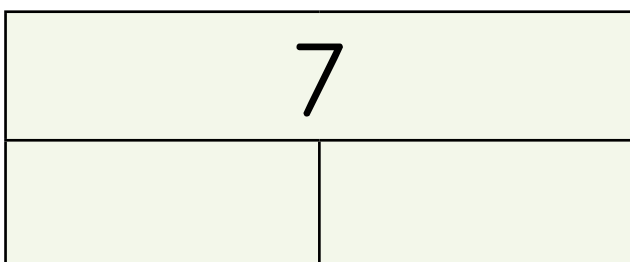
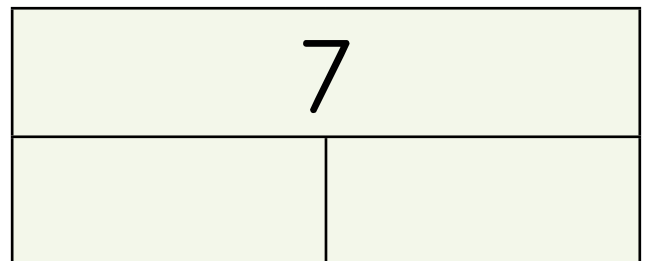
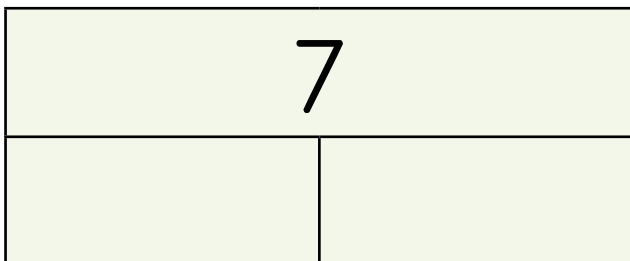
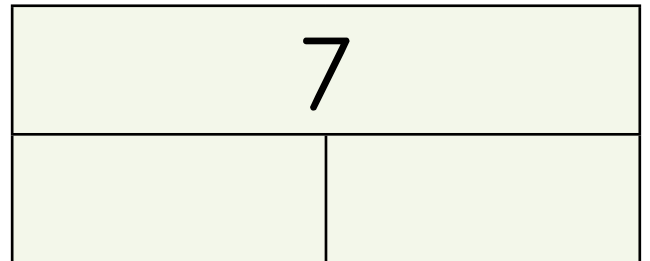
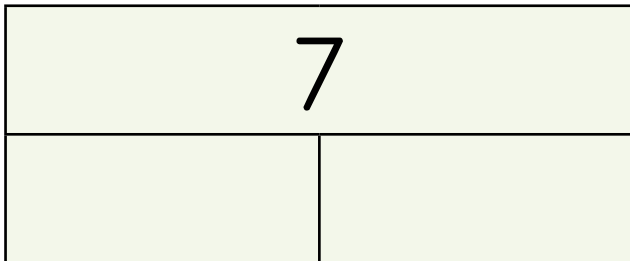
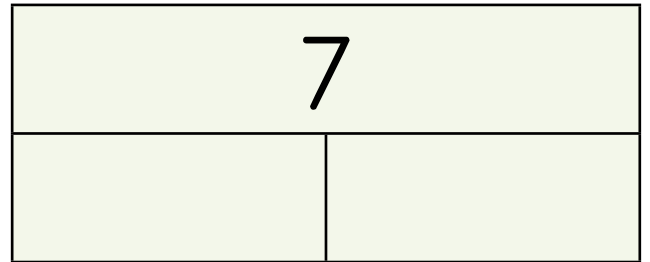
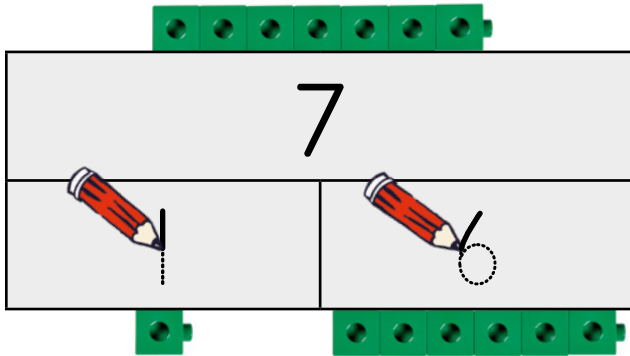
MATLAKALATŠHOMELO
WORKSHEETS

šupa
seven
7



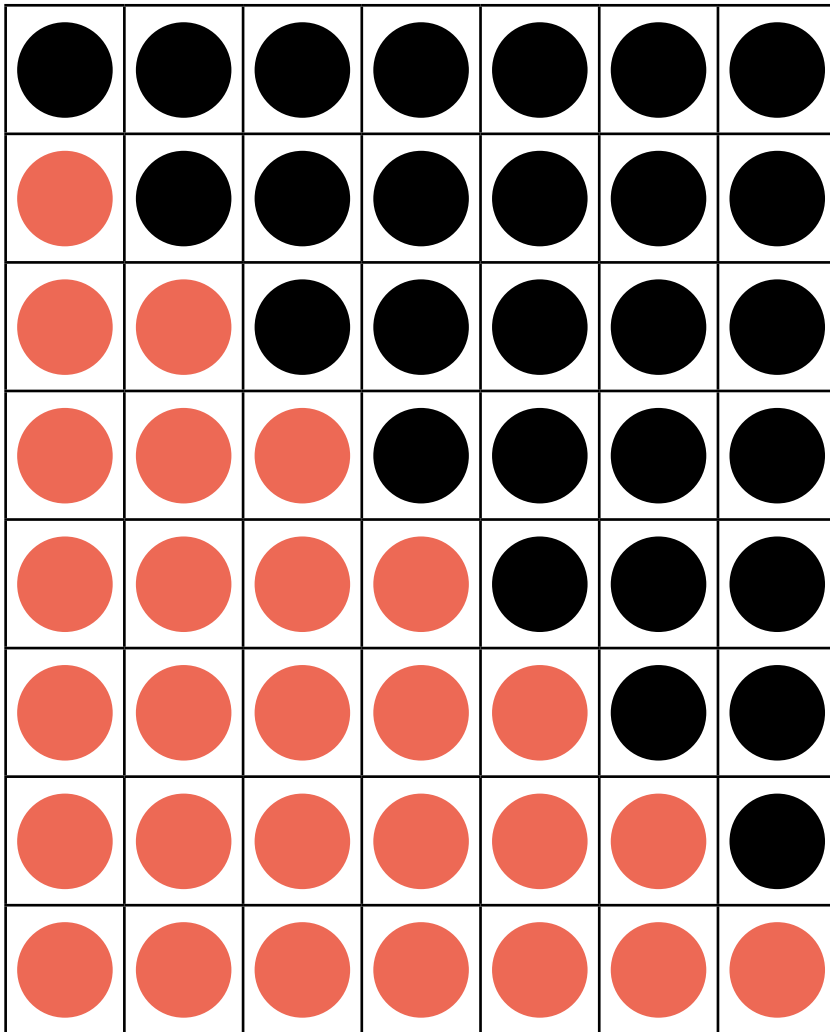
Dira 7.

Make 7.



I Ngwala ditsela tša go dira 7 ka gare ga ntlo ya tlemagano.

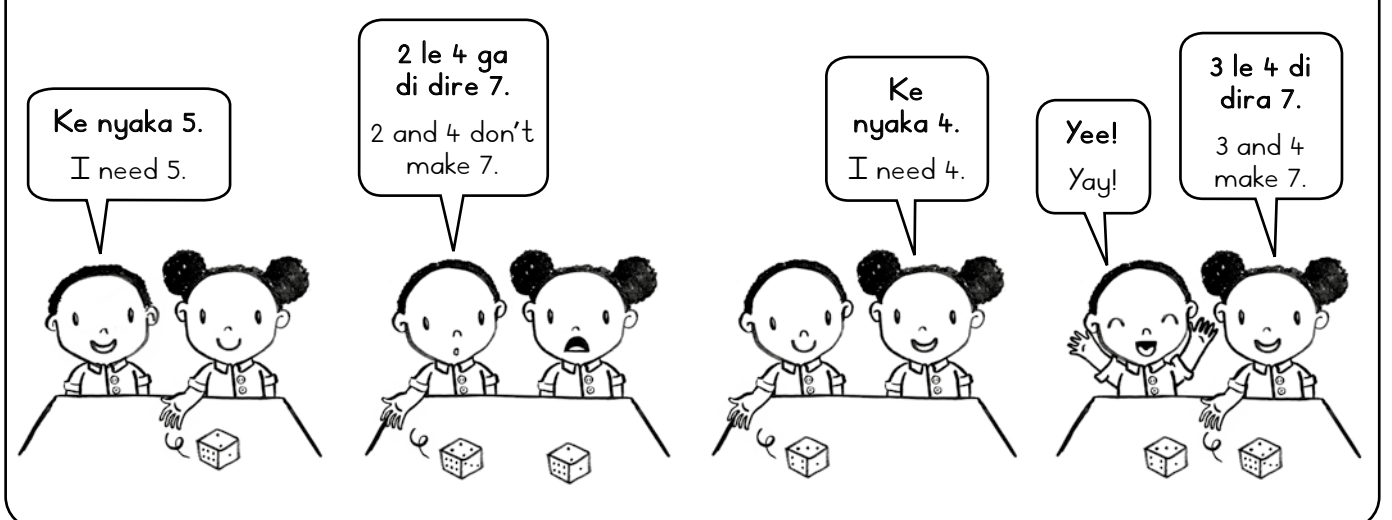
Record the ways to make up 7 in the bond house.



7	
0	7
1	6

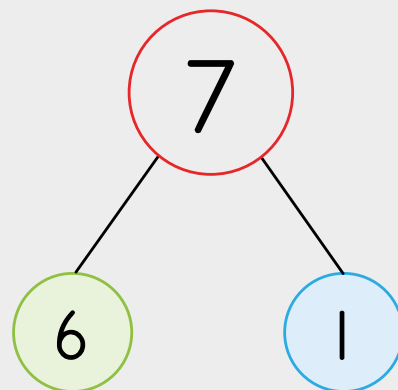
Papadi: Na re ka hwetša 7?

Game: Can we get 7?



6 le 1 di dira 7
and make

1 le 6 di dira 7
and make

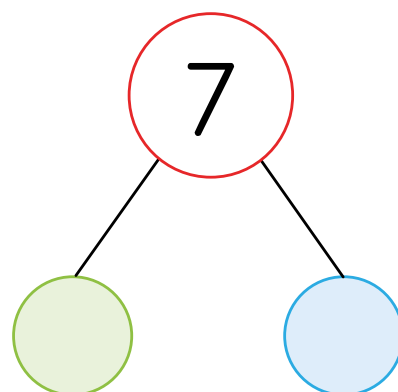


2 Ke dife dipalo tše dingwe tšeo di dirago 7?

What other numbers make 7?

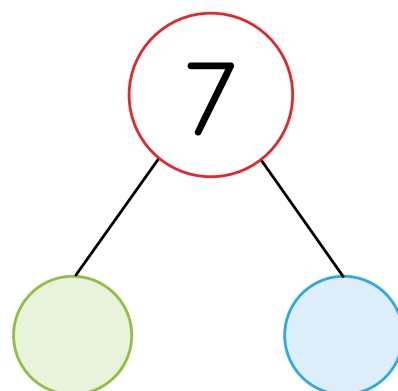
7 le 0 di dira 7
and make

le di dira 7
and make



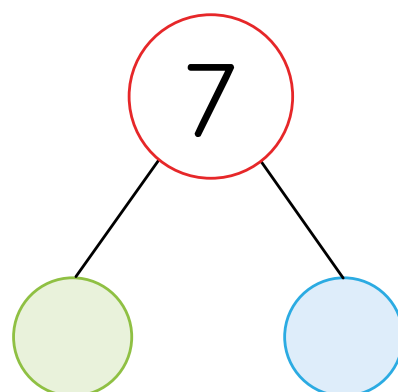
4 le 3 di dira 7
and make

le di dira 7
and make



2 le 5 di dira 7
and make

le di dira 7
and make





MMETSE
WA HLOGO
MENTAL MATHS

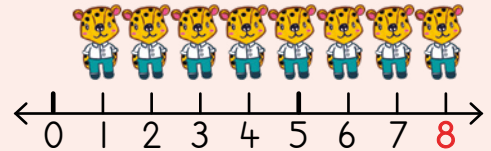
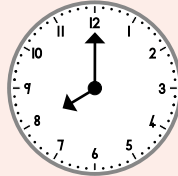
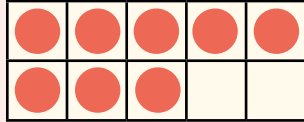
KE DUMA GE
NKABE KE NA LE
I WISH I HAD

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

PAPADI
GAME

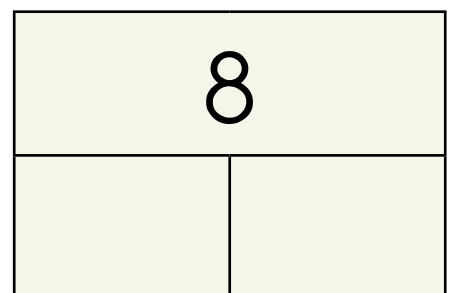
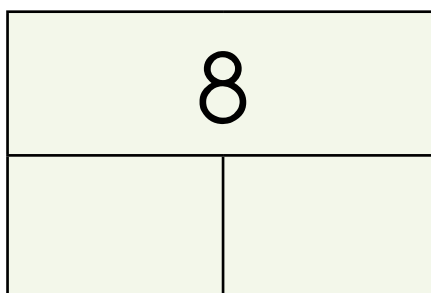
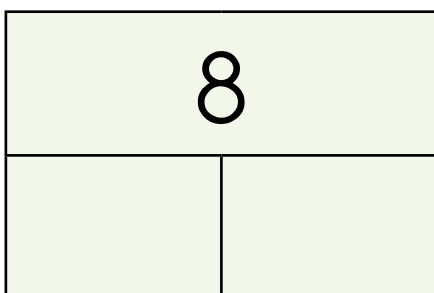
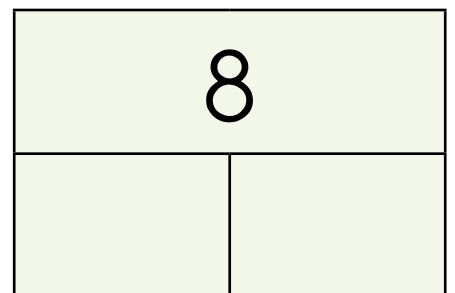
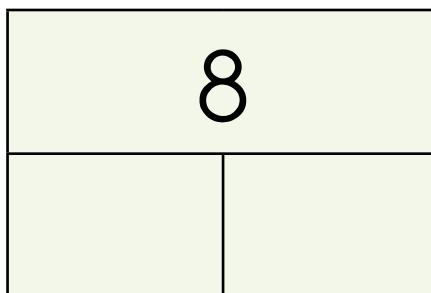
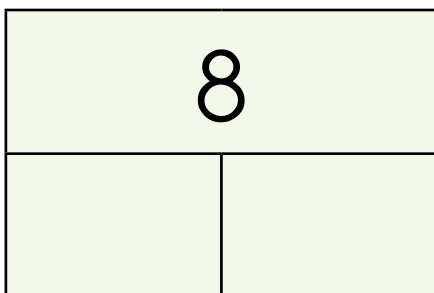
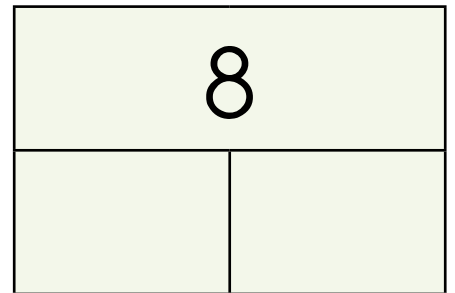
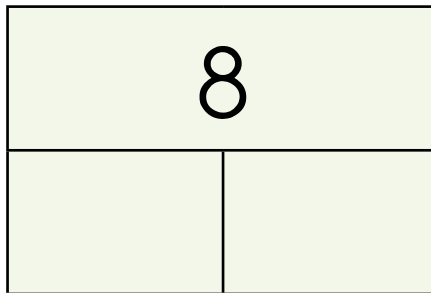
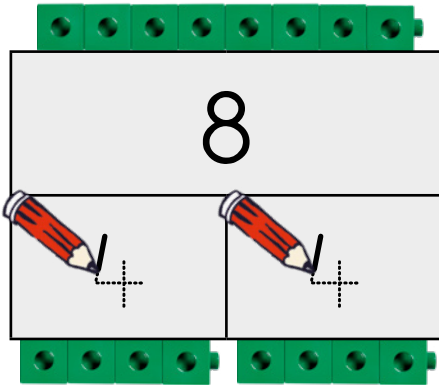
MATLAKALATŠHOMELO
WORKSHEETS

seswai
eight



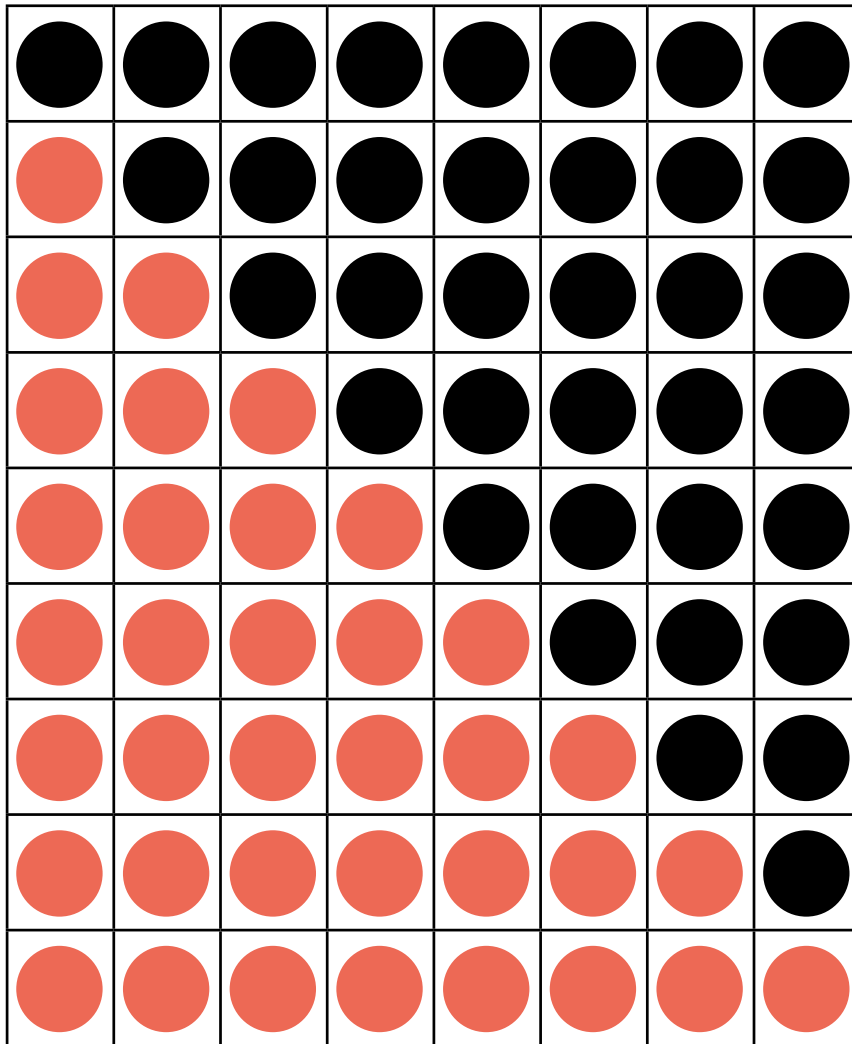
Dira 8.

Make 8.



1 Ngwala ditsela tša go dira 8 ka gare ga ntlo ya tlemagano.

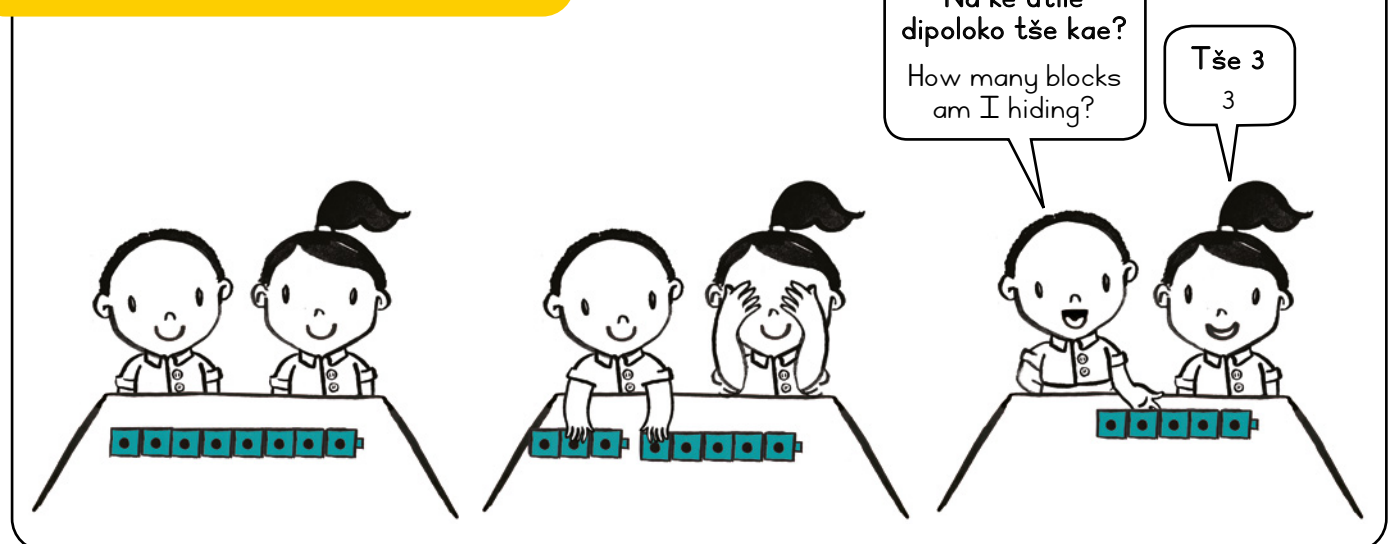
Record the ways to make up 8 in the bond house.



8	
0	8
1	7

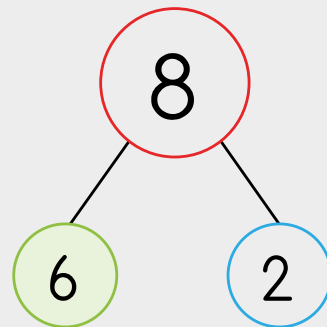
Papadi: Na ke utile tše kae?

Game: How many I am hiding?



6 le 2 di dira 8
and make

2 le 6 di dira 8
and make

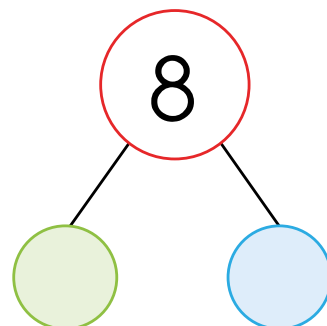


2 Ke dipalo dife gape tšeo di dirago 8?

What other numbers make 8?

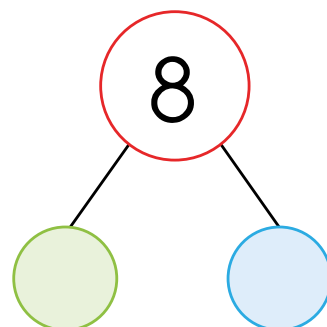
5 le 3 di dira 8
and make

le di dira 8
and make



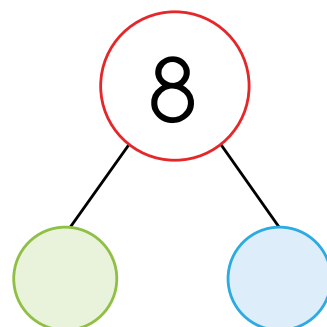
0 le 8 di dira 8
and make

le di dira 8
and make



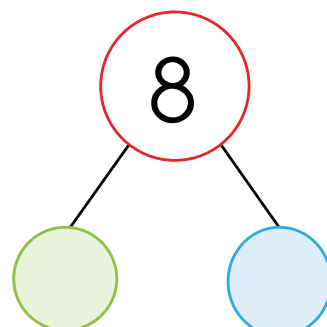
4 le 4 di dira 8
and make

le di dira 8
and make



7 le 1 di dira 8
and make

le di dira 8
and make





MMETSE
WA HLOGO
MENTAL MATHS

KE DUMA GE
NKABE KE NA LE
I WISH I HAD

KGODIŠO YA KGOPOLLO
CONCEPT DEVELOPMENT

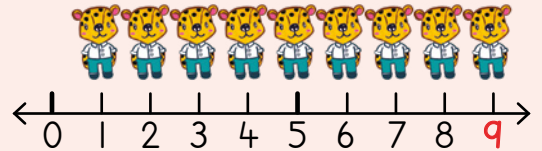
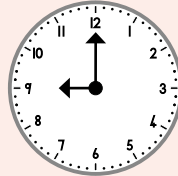
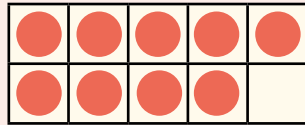
PAPADI
GAME

MATLAKALATŠHOMELO
WORKSHEETS

senyane

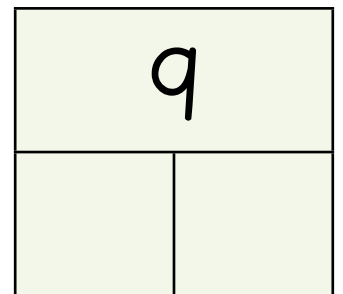
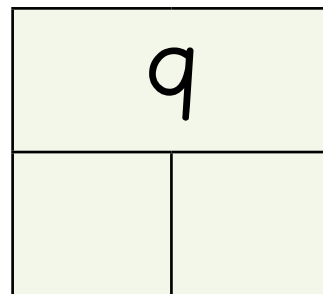
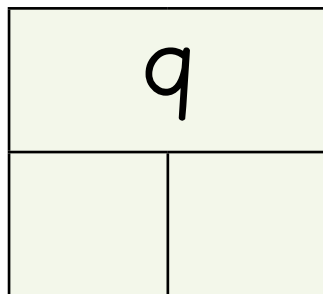
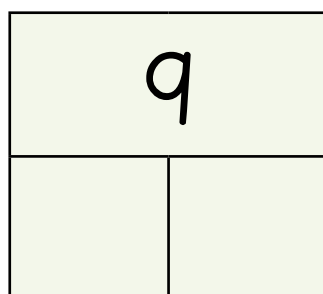
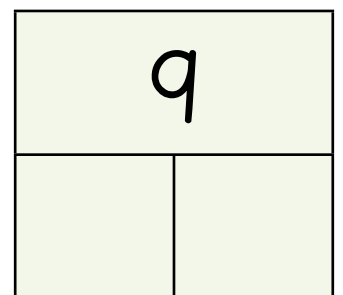
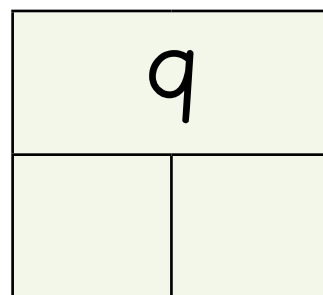
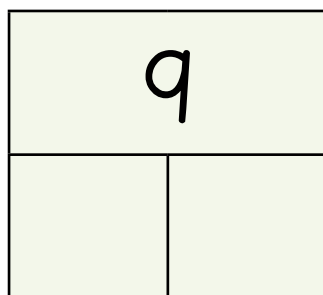
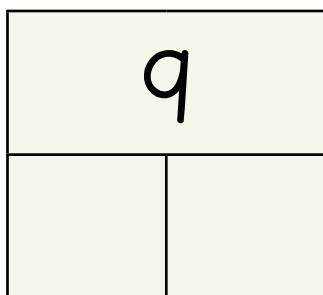
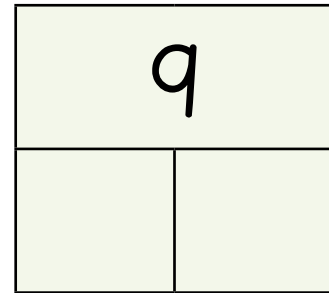
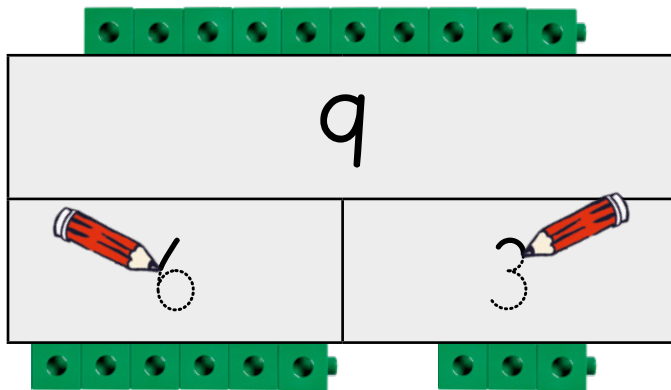
nine

q



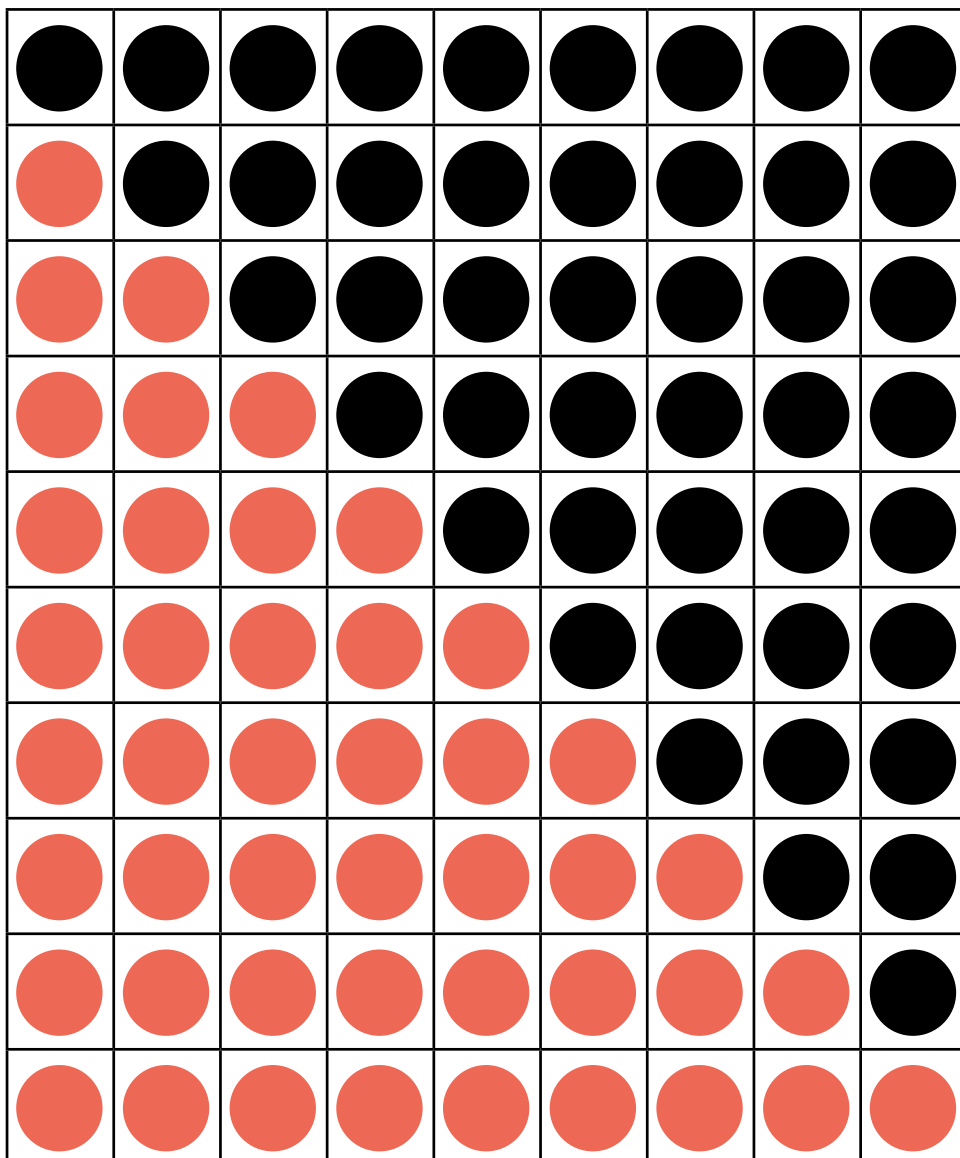
Dira 9.

Make 9.



1 Ngwala ditsela tša go dira 9 ka gare ga ntlo ya tlemagano.

Record the ways to make up 9 in the bond house.



9	
0	9
1	8

Papadi: Tšholla dipoloko Game: Spill the blocks

Ke na le dipoloko
tše 9 ka komiking ya ka.
I have 9 blocks
in my cup.



Na go sa šetše tše
kae ka komiking ya ka?
How many are still
in my cup?



Tše 5
5

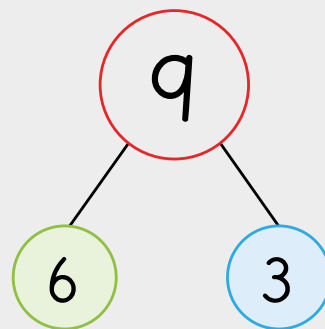


O nepile!
You're right!



6 le 3 di dira q
and make

3 le 6 di dira q
and make

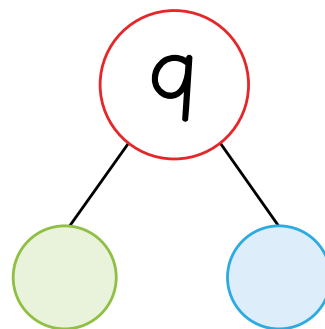


2 Ke dipalo dife gape tšeo di dirago 9?

What other numbers make 9?

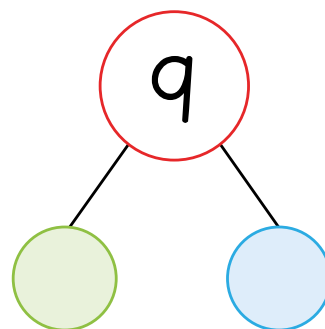
8 le 1 di dira q
and make

le di dira q
and make



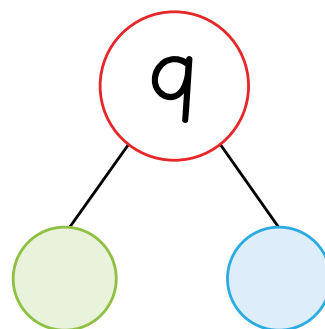
q le 0 di dira q
and make

le di dira q
and make



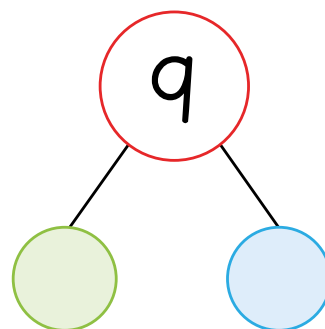
4 le 5 di dira q
and make

le di dira q
and make



2 le 7 di dira q
and make

le di dira q
and make



LETLAKALATŠHOMELO
WORKSHEET

LETLAKALATŠHOMELO
WORKSHEET

- 1 Thala matheba gore podilekgwane e be le marontho a 6 ge a hlakana ka moka.

Draw spots so the ladybird has 6 spots altogether.

 2 le di dira 6 and make	 3 le di dira 6 and make
 4 le di dira 6 and make	 5 le di dira 6 and make

- 2 Thala matheba gore podilekgwane e be le marontho a 7 ge a hlakana ka moka.

Draw spots so the ladybird has 7 spots altogether.

 4 le di dira 7 and make	 2 le di dira 7 and make	 3 le di dira 7 and make
--	--	--

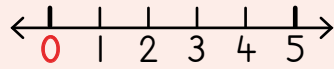
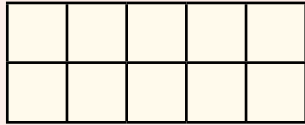
3 Tlatša dipalo tšeo di tlogetšwego.

Fill in the missing numbers.

lefeela

zero

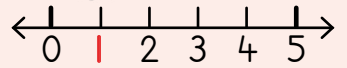
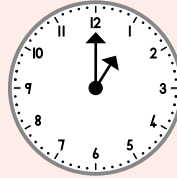
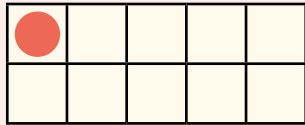
0



tee

one

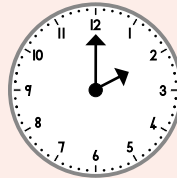
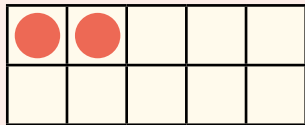
1



pedi

two

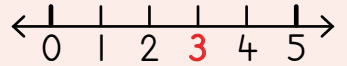
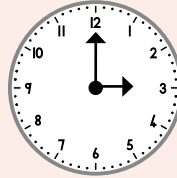
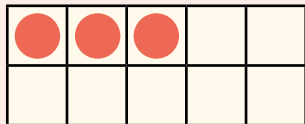
2



tharo

three

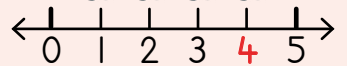
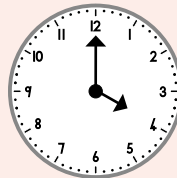
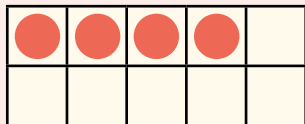
3



nne

four

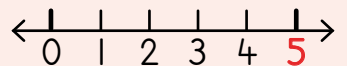
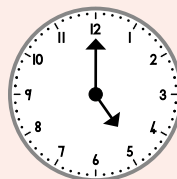
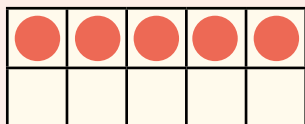
4



hlano

five

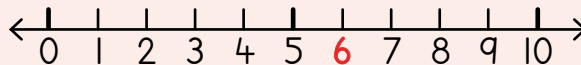
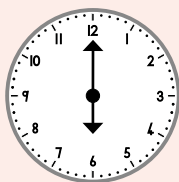
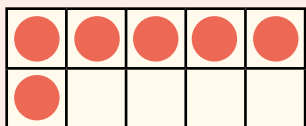
5



tshela

six

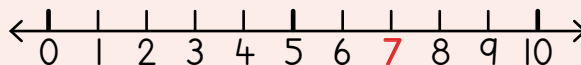
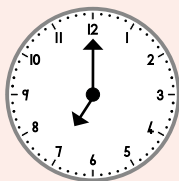
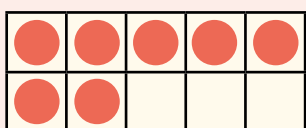
6



šupa

seven

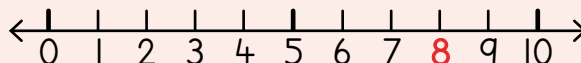
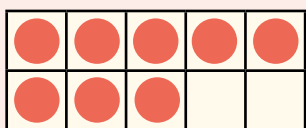
7



seswai

eight

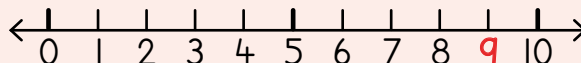
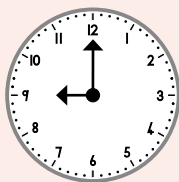
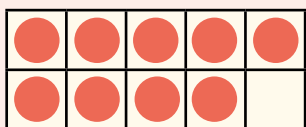
8



senyane

nine

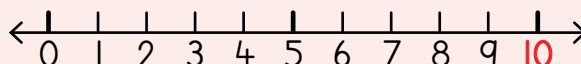
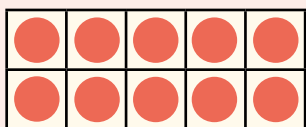
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Calculating with Confidence