



Ikota 3 | Term 3



**Bala
Wande**

Calculating with Confidence

IMathematika

Mathematics

INcwadi Yomfundi Yomsebenzi
Learner Activity Book

IsiXhosa | English

Le ncwadi sisiqhamo sentsebenziswano phakathi kweqela elibizwa ngokuba yi *Bala Wande-Magic Classroom Collective team* kunye neqela lokuqinisekisa elenziwe ngabantu-ngabantu abakwiyunivesithi eziliqela ezahlukileyo, imibutho engalawulwa ngurhulumente (NGOs) esebenza ngemathematika kwakunye neSebe leMfundo esiSiseko. Ezi zixhobo zokufunda zithathela kwiincwadi zemisebenzi eziqulunqwe liSebe leMfundo esiSiseko nakuphindaphindo lwezicwangciso zezifundo (GPLMS, Jika iMfundo, NECT neTMU). Iibhokisi zezixhobo zokusebenza ngobuchule zeBala Wande zayilwa ngokucebisana nabakwaJade Education. Ezi bhokisi zinezixhobo zodidi oluphezulu eziyinxalenye ebalulekileyo yenkqubo yokufundisa nokufunda.

The development of this workbook was carried out by the collaborative *Bala Wande-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 Wande manipulative boxes were designed in consultation with Jade Education. The boxes provide high quality materials which are an integral part of the teaching and learning programme.

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www.fundawande.org

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Ukusebenzisa incwadi yemisebenzi yabafundi yeBala Wande

Le ncwadi yemisebenzi yabafundi inemisebenzi elungiselelwe iintsuku ezingama-50 zokufundisa kwikota yesi-3. Kukho imisebenzi yophuhliso lwengqiqo, imisebenzi yomfundi ngamnye kwakunye nemidlalo apho abafundi baya kudlala ngababini okanye ngokwamaqela. Iimpendulo zale misebenzi zingabhalwa kwakule ncwadi.

Imisebenzi ekule ncwadi ibhalwe ngeelwimi ezimbini. Siyathemba ukuba ukusebenzisa iilwimi ezimbini kuya kubanceda abafundi bafunde baze bawaqhele amagama emathematika ngolwimi lwabo lwasekhaya nangesiNgesi. Ukwenza njalo kuya kubaxhobisa bakulungele ukufunda imathematika ubomi babo bonke.

Ukuba abafundi bathi gqolo ukwenza imisebenzi yabo yonke imihla ngazo zonke iikota, baya kuyigqiba yonke ikharithulam yemathematika yonyaka. Siyathemba ukuba le misebenzi ilapha iya kuba yindlela enoyolo yokubanceda ekufumaneni ulwazi lwemathematika olusisiseko.

Ukuqala kosuku ngalunye olutsha kuboniswe ngebhanile ebomvu.

IVEKI • WEEK
2

USUKU 1 • DAY 1

Ukutshatisa, ukuhlela nokubala ukuya ku-5
Matching, sorting and counting up to 5



Ngezantsi kwebhanile kukho iflowutshathi eshwankathela ukulandelelana kwemisebenzi yolo suku.



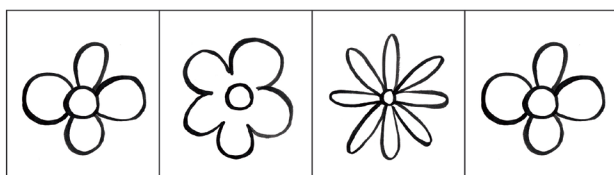
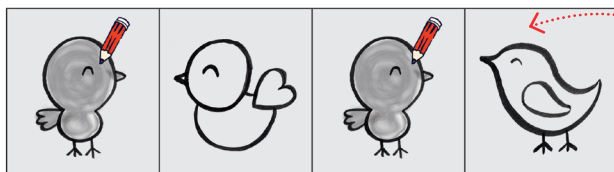
Izibalo zentloko ziya kuba ngumsebenzi wokuqala yonke imihla. Lo msebenzi uya kukhokelwa ngutitshala. Lo mdlalo ungawudlala nangoluphi na usuku lweveki.

Olu phawu lubonisa imisebenzi yophuhliso lwengqiqo neya kukhokelwa ngutitshala.



Onke amanye amaphepha asencwadini alungiselelwe abafundi ukuba basebenzele kuwo ngokunokwabo okanye ngokwamaqela kodwa bekhokelwa kwaye bencediswa ngutitshala. La maphepha ingangamaphepha okusebenzela okanye imidlalo eyenzelwe ukubethelela isigama esifundiswe ngolo suku. Imidlalo iboniswe ngokusebenzisa iikhathuni okanye oopopayi ukubonisa indlela omawudlalwe ngayo umdlalo.

1 Faka imibala kwimifanekiso emibini efanayo.
Colour two pictures that are the same.



Yonke imiyalelo neenkukacha zinikwe ngesiXhosa nangenguqulelo yesiNgesi ngezantsi.

Amaphepha emisebenzi yomfundi anemizekelo esele yenziwe (iboniswa ngombala ongwevu nangepenisile ebomvu).

Usuku lwesi-5 lweveki nganye lulungiselelwe uqukaniso novavanyo.

Using the Bala Wande Learner Activity Book

This Learner Activity Book has activities planned for 50 days of teaching in Term 3. 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.

2
WEEK

USUKU 1 • DAY 1
Ukutshatisa, ukuhlela nokubala ukuya ku-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 Faka imibala kwimifanekiso emibini efanayo.
Colour two pictures that are the same.

All instructions and information are given in isiXhosa 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.



IZIBALO
ZENTLOKO
MENTAL MATHS

IXESHA
TIME

UMDLALO
GAME

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

1 Zingaphi? Bhala isivakalisi manani.

How many? Write the number sentence.

$5 + 2 = 7$	$5 + \underline{\quad} = \underline{\quad}$
$5 + \underline{\quad} = \underline{\quad}$	$5 + \underline{\quad} = \underline{\quad}$
$5 + \underline{\quad} = \underline{\quad}$	$5 + \underline{\quad} = \underline{\quad}$

2 Zingaphi iibloko?

How many blocks?

	$5 + 5 = 10$
	$\underline{\quad} + \underline{\quad} = \underline{\quad}$
	$\underline{\quad} + \underline{\quad} = \underline{\quad}$
	$\underline{\quad} + \underline{\quad} = \underline{\quad}$
	$\underline{\quad} + \underline{\quad} = \underline{\quad}$
	$5 + 0 = 5$

3 Gqibezela ukuze ufumane inani elingasentla.

Complete to match the number at the top.

6

$3 + 3$

$2 + \underline{\quad}$

$4 + \underline{\quad}$

$\underline{\quad} + 1$

$\underline{\quad} + 6$

$\underline{\quad} + 4$

7

$5 + 2$

$4 + \underline{\quad}$

$3 + \underline{\quad}$

$\underline{\quad} + 7$

$\underline{\quad} + 2$

$\underline{\quad} + 1$

8

$7 + 1$

$6 + \underline{\quad}$

$5 + \underline{\quad}$

$\underline{\quad} + 3$

$\underline{\quad} + 2$

$\underline{\quad} + 4$

4 Landela iindlela zika-5. Indlela ka-4 sowuyenzelwe.

Follow the path of 5. The path of 4 has been done for you.

$2 + 1$	$4 + 1$	$0 + 5$	$3 + 2$	$0 + 1$
$1 + 4$	$2 + 3$	$1 + 2$	$5 + 0$	$2 + 3$
$2 + 2$	$0 + 4$	$3 + 1$	$1 + 0$	$1 + 4$
$1 + 3$	$1 + 1$	$4 + 0$	$3 + 2$	$0 + 5$
$2 + 3$	$1 + 3$	$2 + 2$	$4 + 1$	$3 + 1$

Amanani ukuya kwi-15

Numbers up to 15

IZIBALO
ZENTLOKO
MENTAL MATHS

IXESHA
TIME

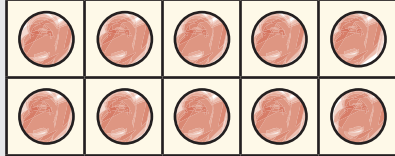
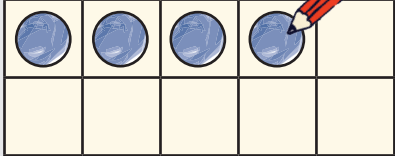
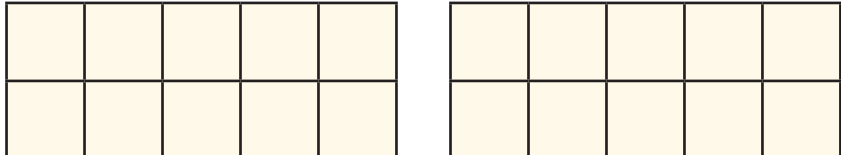
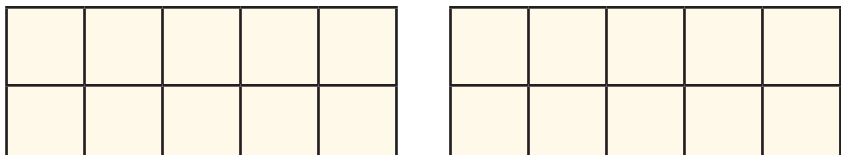
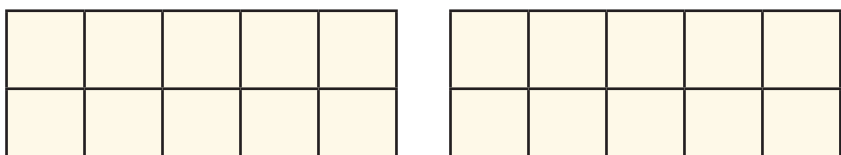
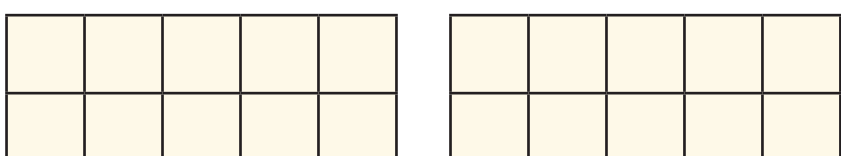
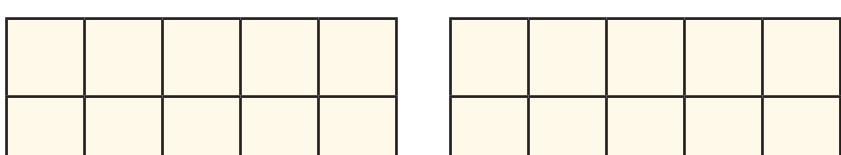
UMDLALO
GAME

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

1 Bhala isivakalisi manani. Yenza amachokoza.

Write the number sentence. Draw the dots.

$14 = 10 + \underline{\quad}$ 	 
$15 = 10 + \underline{\quad}$	
$12 = 10 + \underline{\quad}$	
$10 = 10 + \underline{\quad}$	
$11 = 10 + \underline{\quad}$	
$13 = 10 + \underline{\quad}$	

2 Fakela amanani angekhoyo.

Fill in the missing numbers.

1	2	3	4	5		7		9	
11		13		15		17		19	

3 Bhala amanani.

Write the numbers.

Elisemva kweli Comes after	
10	
8	
11	
9	
14	
7	
12	

Eliphambi kweli Comes before	
 12	13
	7
	10
	5
	9
	15
	14

Eliphakathi kwala Comes between		
9	 10	11
5		7
8		10
12		14
13		15
10		12
6		8

4 Bigela inani elikhulu.

Circle the **bigger** number.

 7	5	11	9	15	10	7	12
---	---	----	---	----	----	---	----

5 Bigela inani elincinci.

Circle the **smaller** number.

11	 5	9	14	12	2	5	15
----	---	---	----	----	---	---	----

IZIBALO
ZENTLOKO
MENTAL MATHS

IXESHA
TIME

UMDLALO
GAME

UPHUHLISO
LWENGQIYO
CONCEPT DEVELOPMENT

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

1 Zalisa amanani
angekhoyo.

Fill in the missing
numbers.

	1	2	3		5
	12	11			8
15		17			



2 Bigela inani elikhulu.

Circle the **bigger** number.

12	20
----	----

9	19
---	----

13	15
----	----

16	11
----	----

3 Bigela inani elincinci.

Circle the **smaller** number.

9	6
---	---

20	2
----	---

5	8
---	---

15	17
----	----

4 Cazulula la manani ibe ngamashumi nemivo.

Break down the numbers into tens and ones.

12	
10	2

15	

11	

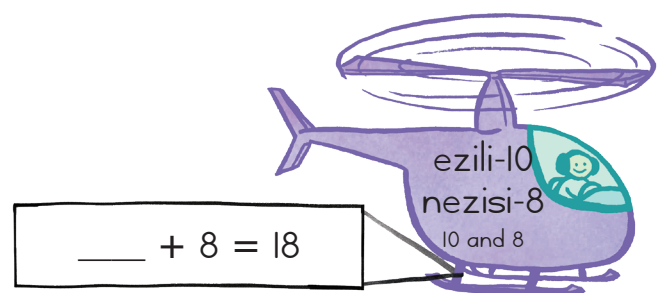
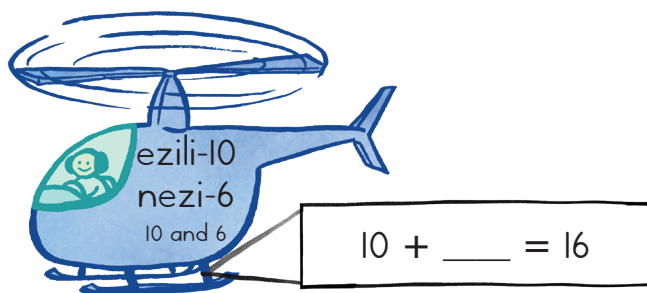
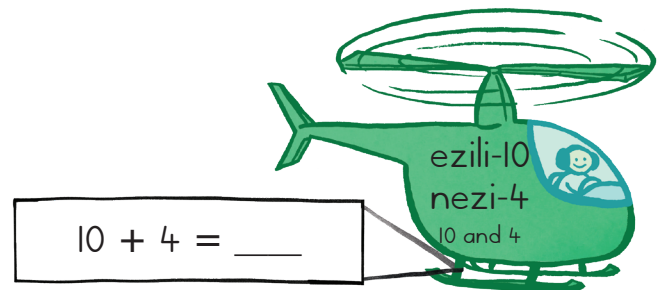
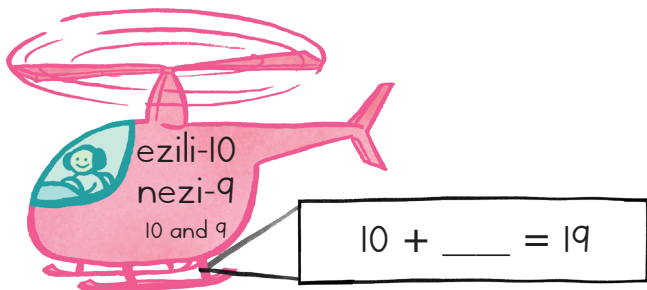
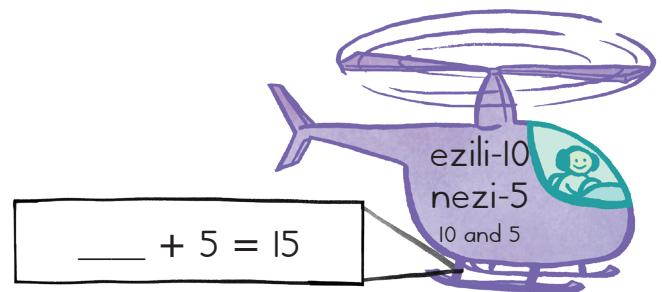
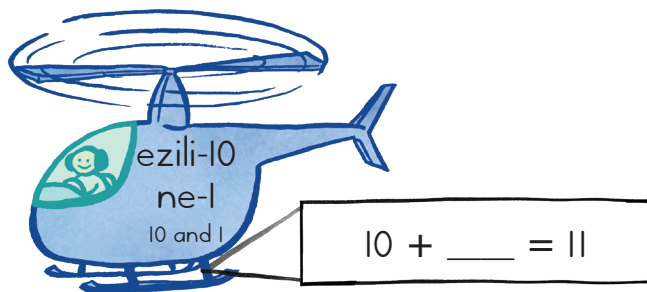
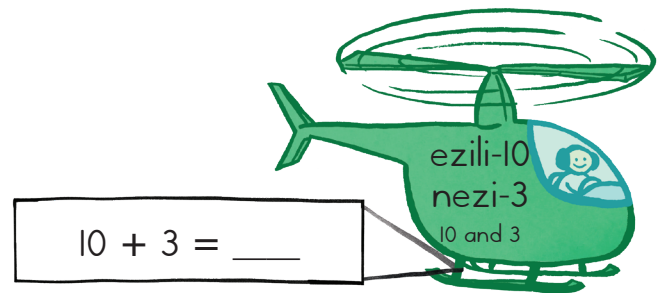
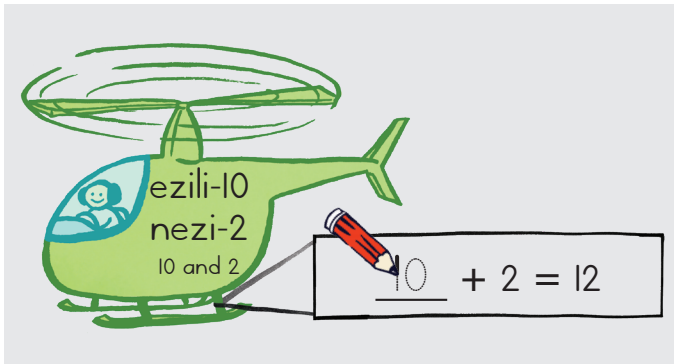
13	

14	

10	

5 Gqibezela izivakalisi manani.

Complete the number sentences.



1 Dibanisa amachokoza azuba nabomvu.

Add the blue and red dots.

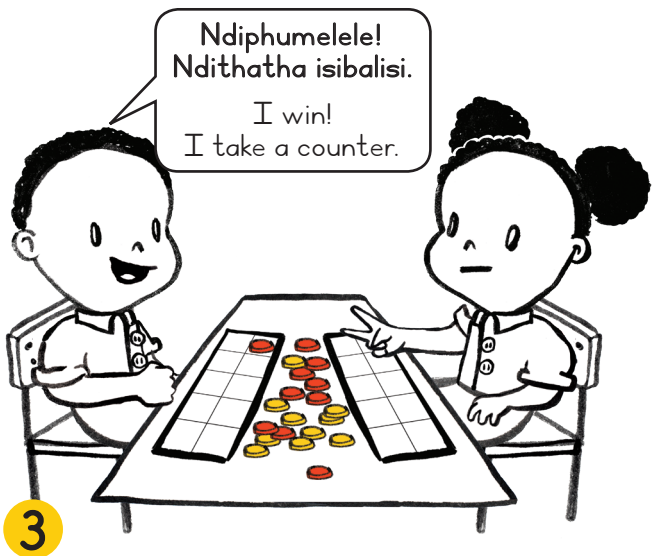
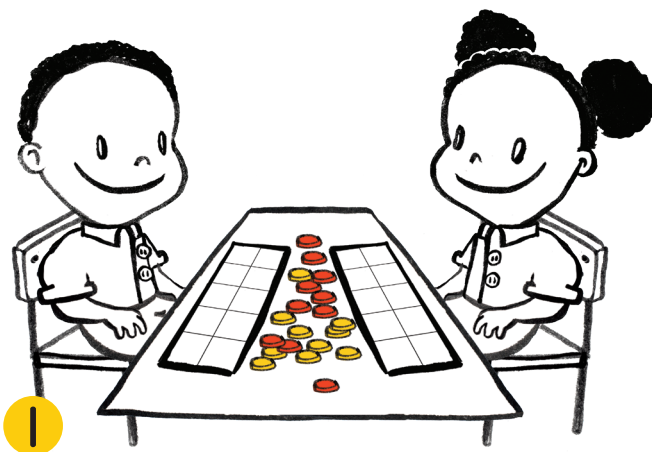
$3 + 2 = 5$	$13 + 2 = 15$
$1 + 6 = \underline{\hspace{1cm}}$	$11 + 6 = \underline{\hspace{1cm}}$
$4 + 5 = \underline{\hspace{1cm}}$	$14 + 5 = \underline{\hspace{1cm}}$
$6 + 2 = \underline{\hspace{1cm}}$	$16 + 2 = \underline{\hspace{1cm}}$
$7 + 3 = \underline{\hspace{1cm}}$	$17 + 3 = \underline{\hspace{1cm}}$
$2 + 4 = \underline{\hspace{1cm}}$	$12 + 4 = \underline{\hspace{1cm}}$
$5 + 2 = \underline{\hspace{1cm}}$	$15 + 2 = \underline{\hspace{1cm}}$

Umdlalo: Tshingi-tshingi tsha!

Game: Ching, chong, cha!

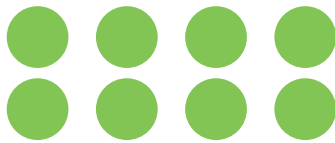
Isibini ngasinye sabafundi sidlala ngezibalisi ezingama-20. Xa utsaliwe thatha isibalisi. Umntu onezibalisi ezininzi nguye ophumelelayo.

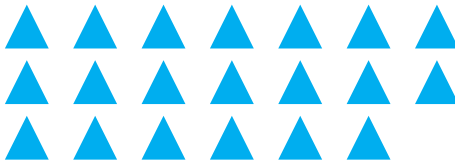
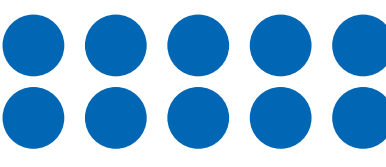
Start the game with 20 counters. If you win a draw, take a counter. The learner with the most counters is the winner.



1 Zingaphi iimilo?

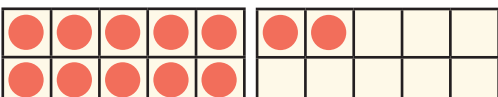
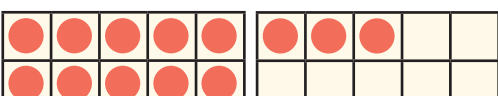
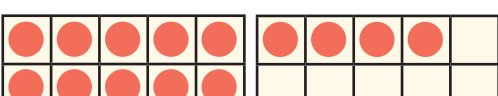
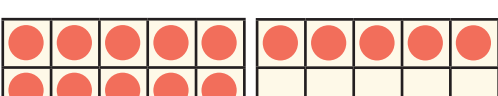
How many shapes?

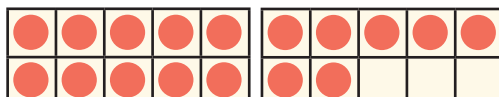
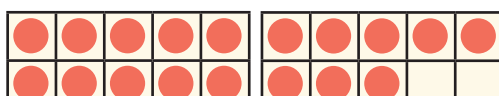
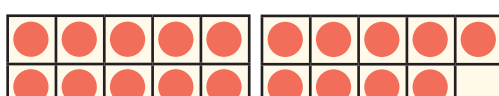
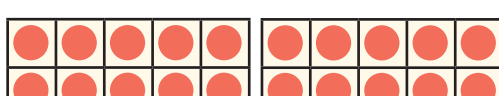
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2 Zingaphi?

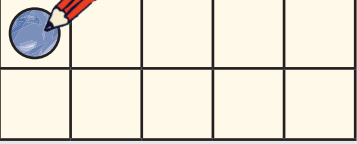
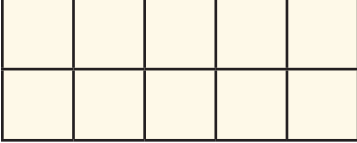
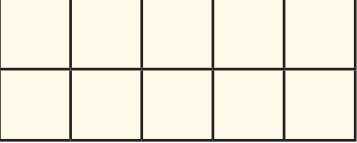
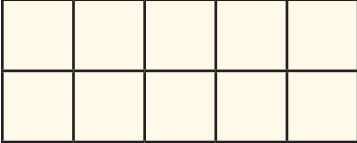
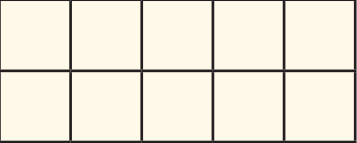
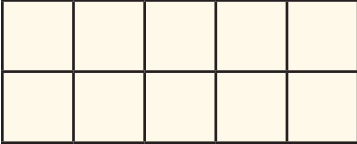
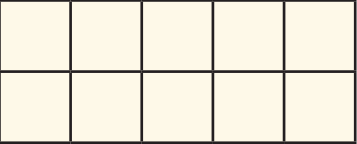
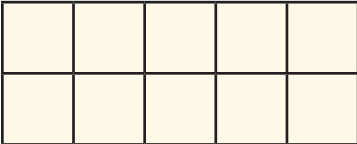
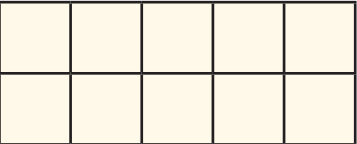
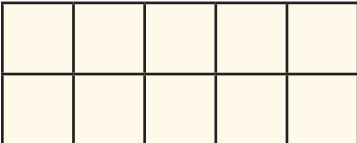
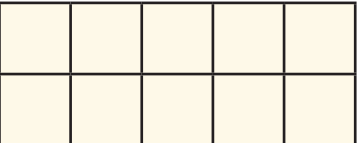
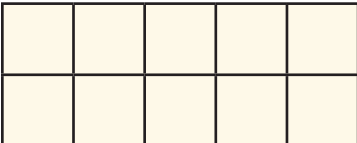
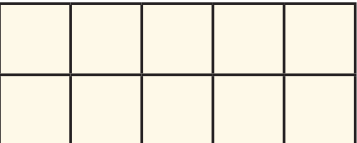
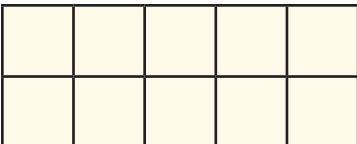
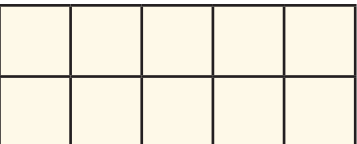
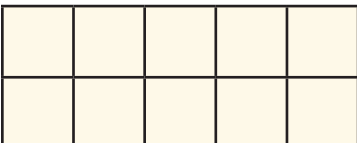
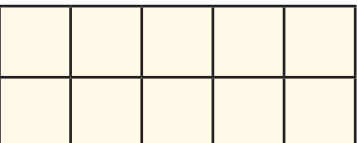
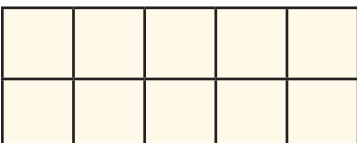
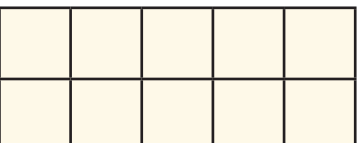
How much?

	 10
	
	
	
	

	 16
	
	
	
	

3 Zingaphi? Yenza amachokoza.

How much? Draw the dots.

 $10 + 1 = \underline{\quad}$		 
$10 + 2 = \underline{\quad}$		
$10 + 3 = \underline{\quad}$		
$10 + 4 = \underline{\quad}$		
$10 + 5 = \underline{\quad}$		
$10 + 6 = \underline{\quad}$		
$10 + 7 = \underline{\quad}$		
$10 + 8 = \underline{\quad}$		
$10 + 9 = \underline{\quad}$		
$10 + 10 = \underline{\quad}$		

I Kukho izinto ezininzi ekhitshini.

There are lots of things in the kitchen.

					
14	11	12	3	4	6

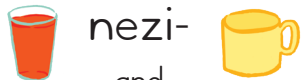
Yenza amachokoza ubonise inani lento nganye esekhithshini.

Draw dots to show the number of each thing in the kitchen.



2 Zingaphi izinto ezikhoyo zizonke?

How many things are there altogether?

 nezi- and  +  = 	 nezi- and + =
 nezi- and + =	 nezi- and + =
 nezi- and + =	 nezi- and + =



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

3 Fakela amanani.

Write the numbers.

Elisemva kweli Comes after	
16	 17
15	
13	
19	

Eliphambi kweli Comes before	
 19	20
	12
	18
	16

Eliphakathi kwala Comes between		
12	 13	14
17		19
9		11
15		17

4 Bigela amanani.

Circle the numbers.

Elikhulu Bigger	
 11	6
18	8
9	11
6	16
15	9
11	20
15	10

Elincinci Smaller	
13	 5
18	20
7	6
8	18
13	3
2	20
9	11

Alinganayo The same as		
 20	11	 20
7	7	12
12	13	13
8	10	8
9	9	18
6	16	6
14	4	4

Ukudibanisa ukuya kuma-20

Addition up to 20

IZIBALO
ZENTLOKO
MENTAL MATHS

IIBHONDI ZE-10 -
AMAKHADI AMANANI
BONDS OF 10 - NUMBER CARDS

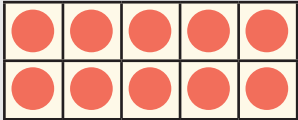
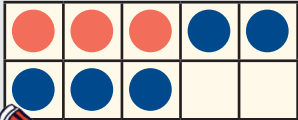
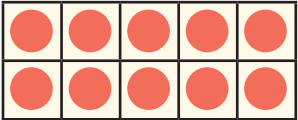
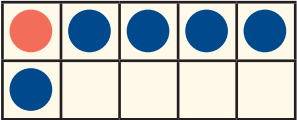
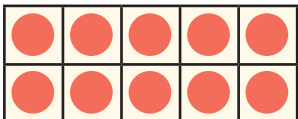
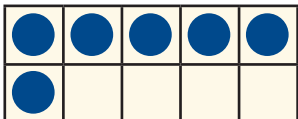
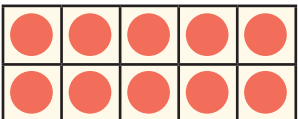
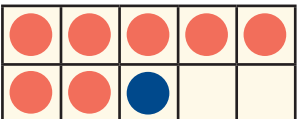
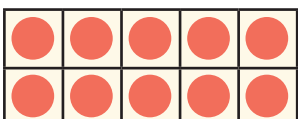
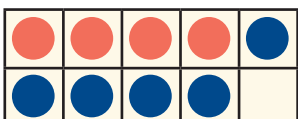
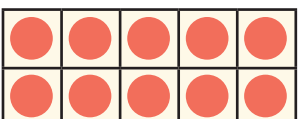
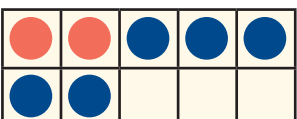
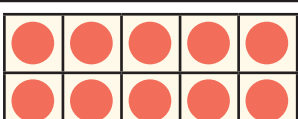
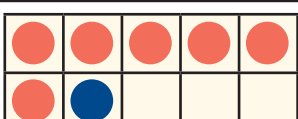
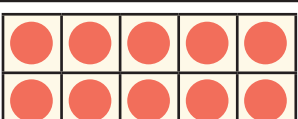
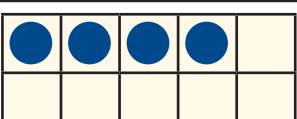
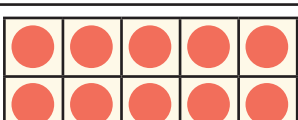
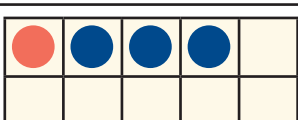
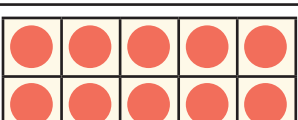
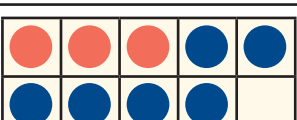
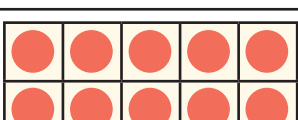
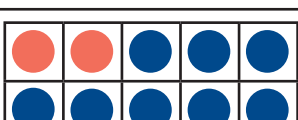
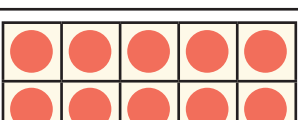
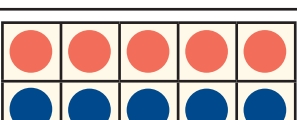
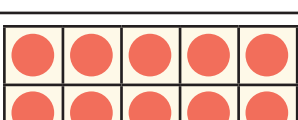
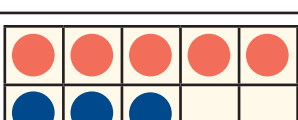
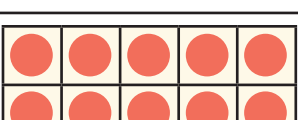
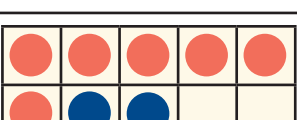
UMDLALO
GAME

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

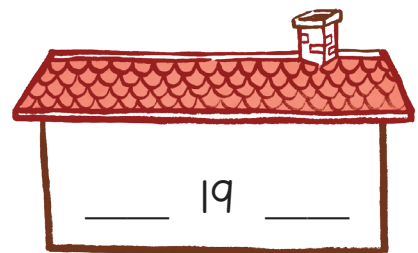
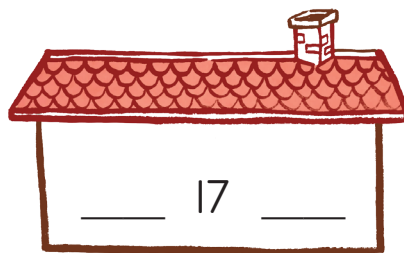
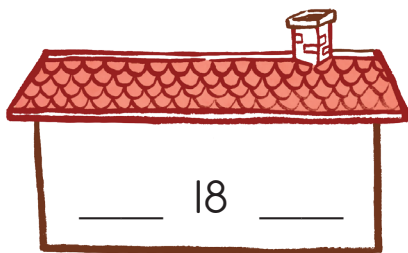
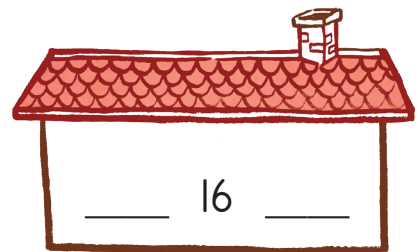
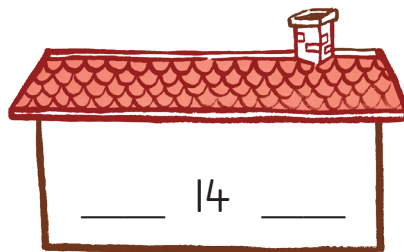
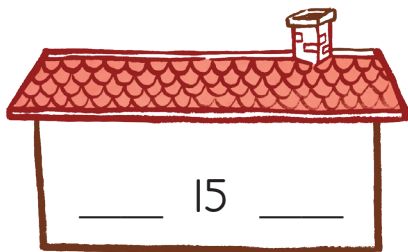
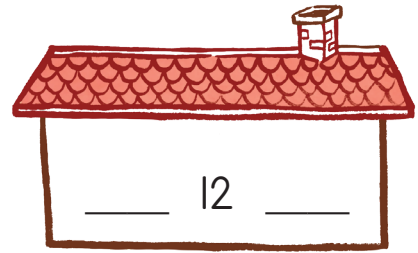
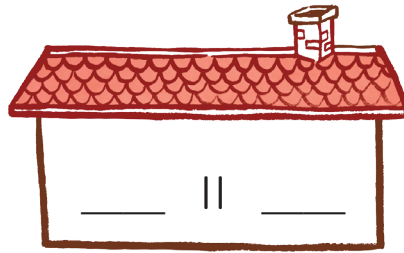
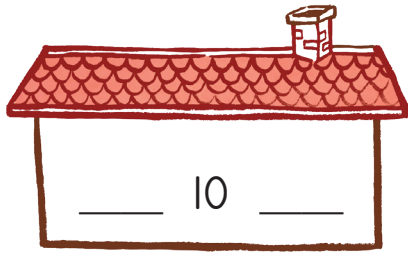
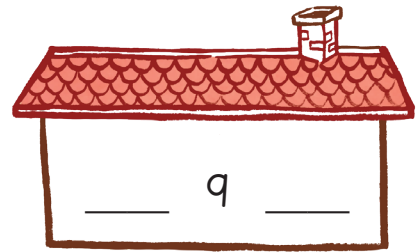
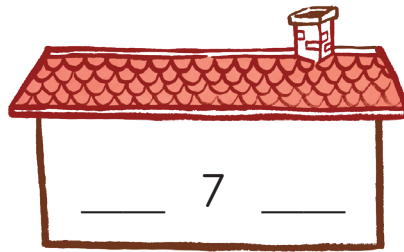
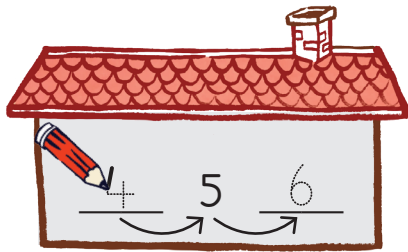
1 Dibanisa amachokoza azuba nabomvu.

Add the blue and red dots.

  $13 + 5 = 18$	  $11 + 5 = \underline{\quad}$
  $10 + 6 = \underline{\quad}$	  $17 + 1 = \underline{\quad}$
  $14 + 5 = \underline{\quad}$	  $12 + 5 = \underline{\quad}$
  $16 + 1 = \underline{\quad}$	  $10 + 4 = \underline{\quad}$
  $11 + 3 = \underline{\quad}$	  $13 + 6 = \underline{\quad}$
  $12 + 8 = \underline{\quad}$	  $15 + 5 = \underline{\quad}$
  $15 + 3 = \underline{\quad}$	  $16 + 2 = \underline{\quad}$

2 Bhala inani eliza phambi nasemva kwenani elinikiweyo.

Write the numbers that come **before** and **after**.



3 Dibanisa.

Add.

$$17 + 2 = 19$$

$$10 + 8 = 18$$

$$17 + 3 = \underline{\quad}$$

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

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

$$17 + 1 = \underline{\quad}$$

$$17 + 0 = \underline{\quad}$$

$$15 + 4 = \underline{\quad}$$

Ukuthabatha ukuya kuma-20

Subtraction up to 20

IZIBALO
ZENTLOKO
MENTAL MATHS

IIBHONDI ZE-10 -
AMAKHADI AMANANI
BONDS OF 10 - NUMBER CARDS

UMDLALO
GAME

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

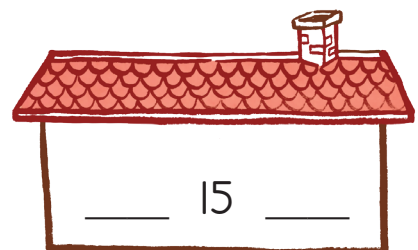
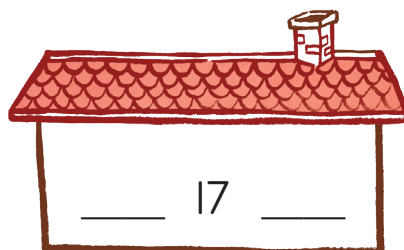
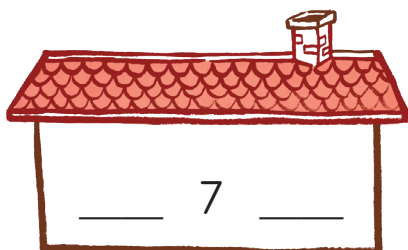
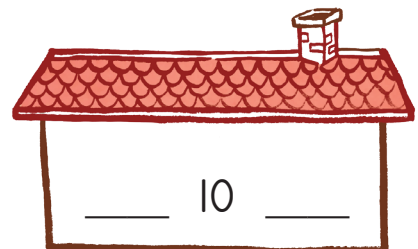
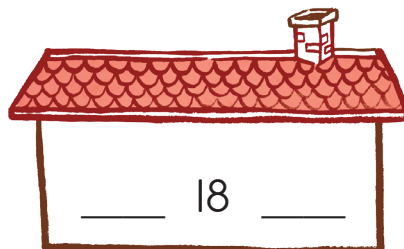
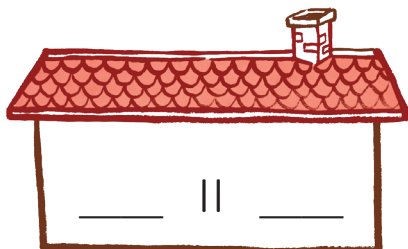
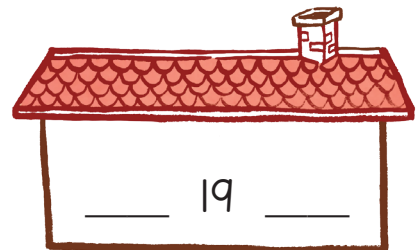
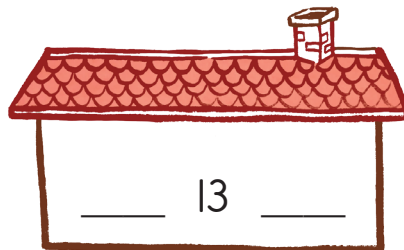
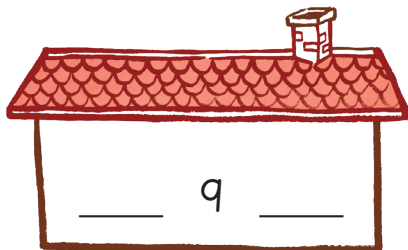
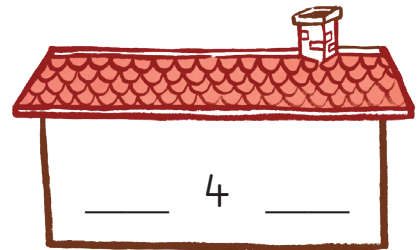
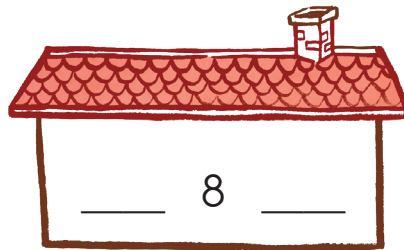
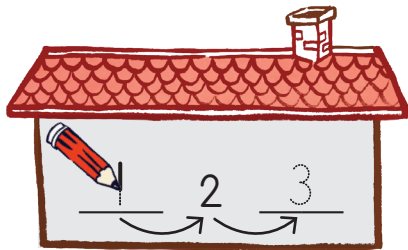
AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

1 Sebenzisa izakhelo zamashumi ukuze uthabathe amachokoza.
Use the ten frames to subtract the dots.

 $19 - 5 = \underline{\quad 4 \quad}$	 $17 - 4 = \underline{\quad \quad}$
 $15 - 5 = \underline{\quad \quad}$	 $20 - 1 = \underline{\quad \quad}$
 $14 - 3 = \underline{\quad \quad}$	 $16 - 4 = \underline{\quad \quad}$
 $19 - 3 = \underline{\quad \quad}$	 $17 - 5 = \underline{\quad \quad}$
 $15 - 2 = \underline{\quad \quad}$	 $20 - 6 = \underline{\quad \quad}$
 $14 - 1 = \underline{\quad \quad}$	 $16 - 6 = \underline{\quad \quad}$
 $19 - 7 = \underline{\quad \quad}$	 $17 - 3 = \underline{\quad \quad}$

2 Bhala inani eliphambi nelisemva kwenani elinikiweyo.

Write the numbers that come **before** and **after**.



3 Sombulula iingxaki zokuthabatha.

Solve these subtraction problems.

$$17 - 2 = 15$$

$$16 - 2 = \underline{\quad}$$

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

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

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

$$18 - 5 = \underline{\quad}$$

Okunye ukudibanisa nokuthabatha ukuya kuma-20

More addition and subtraction up to 20

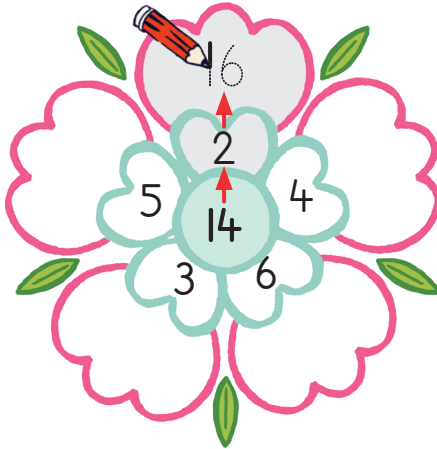
IZIBALO
ZENTLOKO
MENTAL MATHS

IIBHONDI ZE-10 -
AMAKHADI AMANANI
BONDS OF 10 - NUMBER CARDS

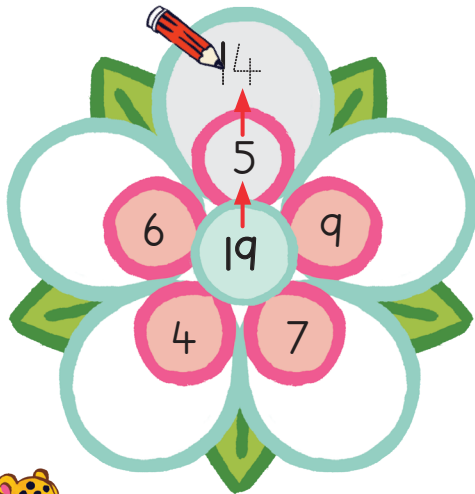
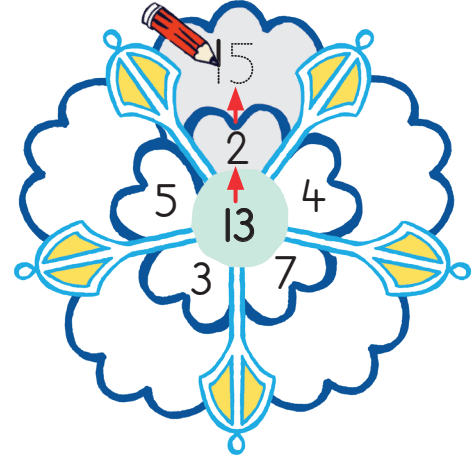
UMDLALO
GAME

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

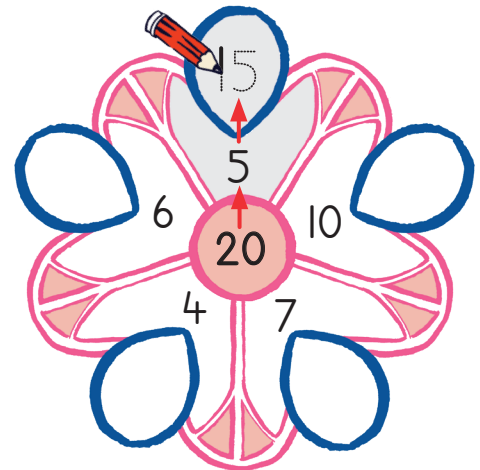
AMAPHEPHA
OKUSEBENZELA
WORKSHEETS



1 Dibanisa.
Add.



2 Thabatha.
Subtract.



3 Sombulula ezi ngxaki zokudibanisa nokuthabatha.

Solve the addition and subtraction problems.

$$10 + 7 = \underline{17}$$

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

$$12 + 3 = \underline{15}$$

$$16 + 1 = \underline{\quad}$$

$$17 - 6 = \underline{\quad}$$

$$14 + 2 = \underline{\quad}$$

$$15 + 2 = \underline{\quad}$$

$$16 - 3 = \underline{\quad}$$

$$13 + 3 = \underline{\quad}$$

$$14 + 3 = \underline{\quad}$$

$$16 - 6 = \underline{\quad}$$

$$15 + 1 = \underline{\quad}$$

4 Sombulula ezi ngxaki zokuthabatha.

Solve the subtraction problems.

$$20 - 3 = \underline{17}$$

$$20 - 6 = \underline{\quad}$$

$$14 - 4 = \underline{\quad}$$

$$20 - 2 = \underline{\quad}$$

$$20 - 7 = \underline{\quad}$$

$$18 - 8 = \underline{\quad}$$

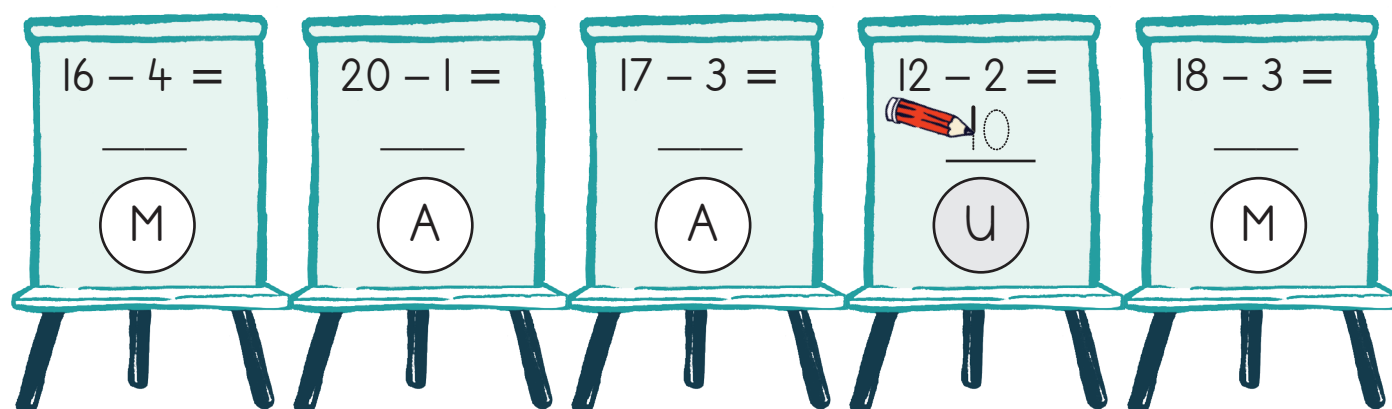
$$20 - 4 = \underline{\quad}$$

$$20 - 3 = \underline{\quad}$$

$$13 - 3 = \underline{\quad}$$

5 Bhala iimpendulo uqale ngeyona incinci uye kweyona inkulu.

Write the answers from the **smallest** to the **largest**.



6 Bhala iimpendulo uqale ngeyona inkulu uye kweyona incinci.

Write the answers from the **largest** to the **smallest**.



Umdlalo: Qashela inani lam Game: Guess my number



1

Qashela inani lam.
Lingaphantsi kwama-20.

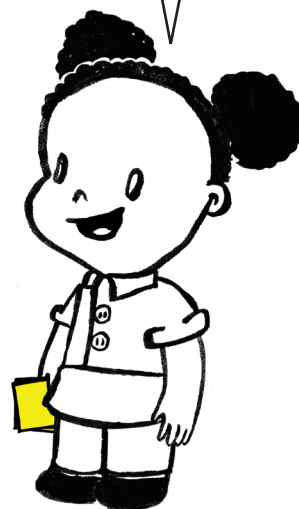
Guess my number.
It is less than 20.



2

9

Likhulu kakhulu!
Too big!



3

5

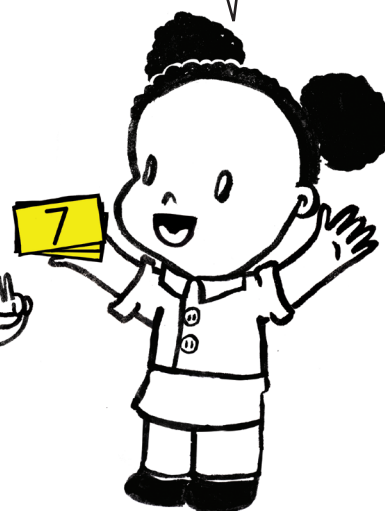
Lincinci kakhulu!
Too small!



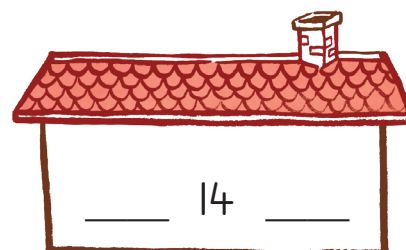
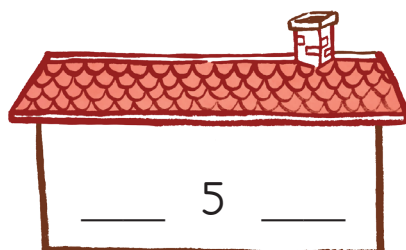
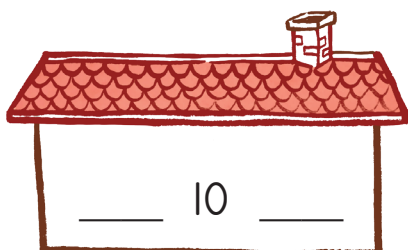
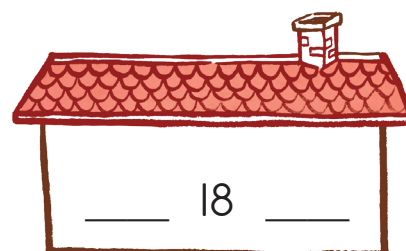
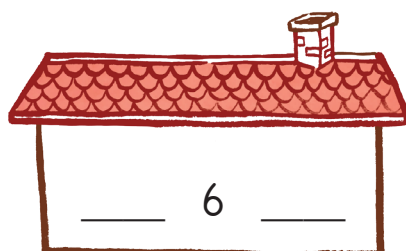
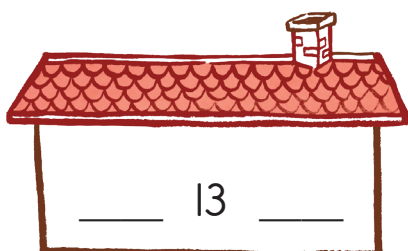
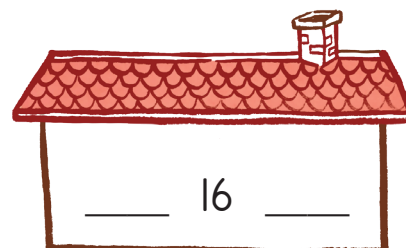
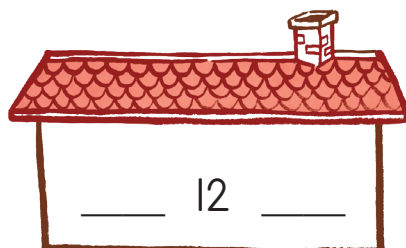
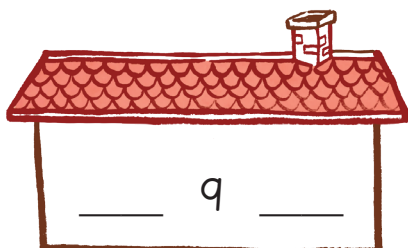
4

7

Uchanile! Masidlale
kwakhona.
Correct!
Let's play again.



- 1 Bhala inani eliza phambi okanye emva kwenani elinikiweyo.
Write the numbers that come **before** and **after**.



- 2 Fakela amanani.
Write the numbers.

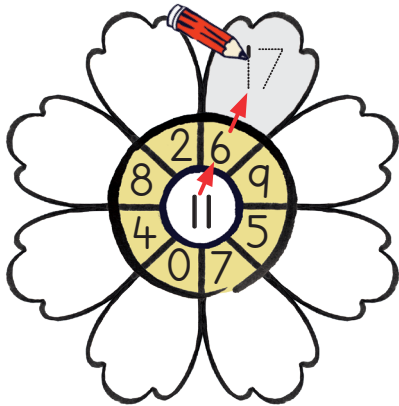
Eliphambi kweli Comes before	
	5
	9
	14
	17
	11
	18

Elisemva kweli Comes after	
7	
10	
16	
20	
13	
17	

Eliphakathi kwala Comes between		
6		8
17		19
13		15
9		11
18		20
16		18

3 Thabatha ukuze usombulule iingxaki.

Add to solve the problems.



4 Sombulula ezi ngxaki zokudibanisa nokuthabatha.

Solve these addition and subtraction problems.

$10 + 7 = \underline{\quad}$

$12 + 7 = \underline{\quad}$

$19 - 1 = \underline{\quad}$

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

$13 + 5 = \underline{\quad}$

$19 - 4 = \underline{\quad}$

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

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

$19 - 3 = \underline{\quad}$

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

$15 + 4 = \underline{\quad}$

$19 - 5 = \underline{\quad}$

5 Sombulula ezi ngxaki uze ubhale oonobumba abangasezantsi ukuze ufumane igama.

Solve the problems and write the letters in the squares below to find the word.

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

B

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

M

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

E

$18 - 5 = \underline{\quad}$

I

$12 + 3 = \underline{\quad}$

A

$17 - 5 = \underline{\quad}$

S

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

L

$19 - 8 = \underline{\quad}$

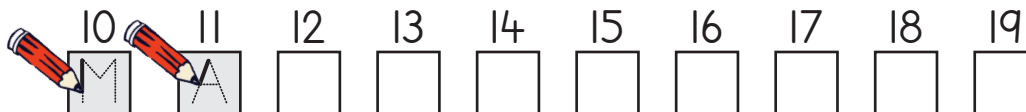
A

$13 + 5 = \underline{\quad}$

N

$20 - 1 = \underline{\quad}$

I



lingxaki zamagama zokudibanisa

Addition word problems

IZIBALO
ZENTLOKO
MENTAL MATHS

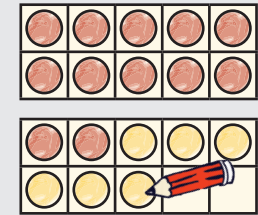
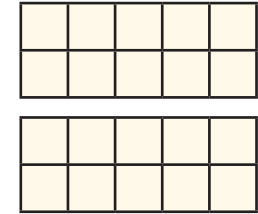
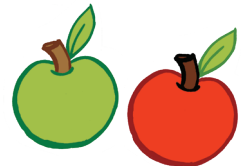
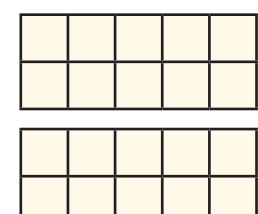
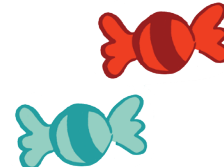
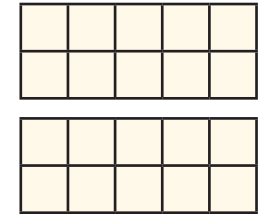
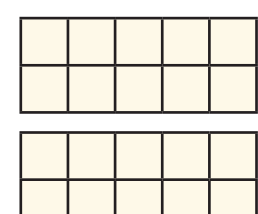
1, 2, 3 VEZA -
UKUDIBANISA
1, 2, 3 SHOW - ADDITION

UMDLALO
GAME

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

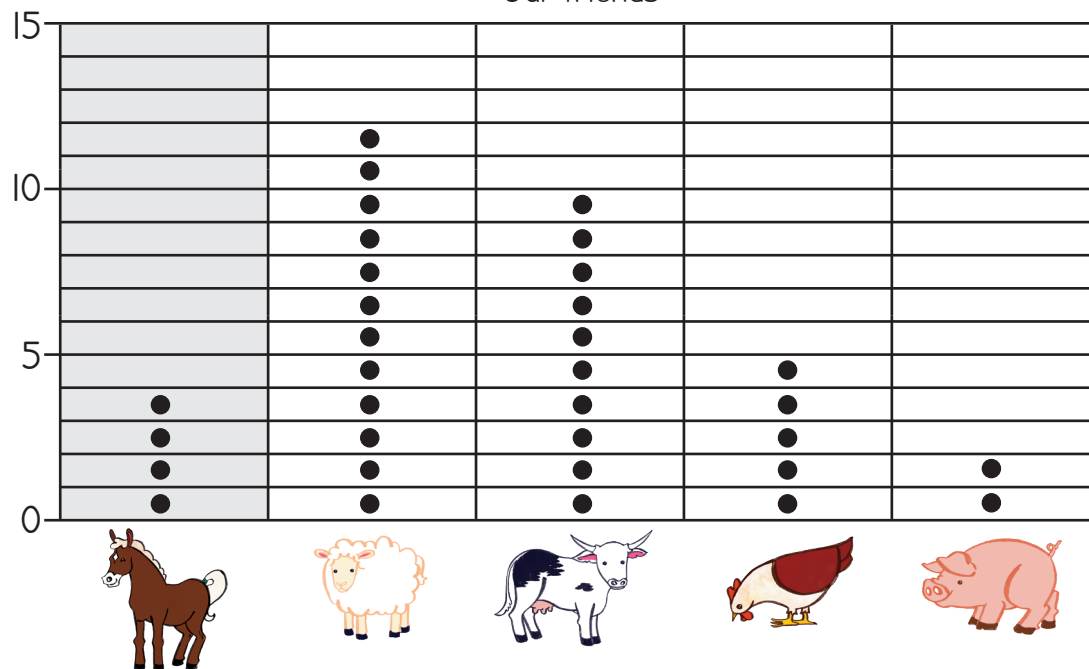
I Sombulula iingxaki zamagama usebenzise izakhelo zamashumi.
Solve these word problems using the ten frames.

Ndineebhaloni ezili-12. Umhlobo wam uneebhaluni ezi-6 ngaphezu kwezo ndinazo. Zingaphi iibhaloni anazo? I have 12 balloons. My friend has 6 more balloons than me. How many balloons does she have? 	 $\underline{12} + \underline{6} = \underline{18}$
UNosisi unamapetyu aluhlaza ali-13 namapetyu azuba ama-4. Mangaphi amapetyu anawo ewonke? Nosisi has 13 green marbles and 4 blue marbles. How many marbles does she have? 	 $\underline{\quad} + \underline{\quad} = \underline{\quad}$
Ndinama-apile ali-11. UKhwezi yena unama-apile ama-5 ngaphezu kwalawo ndinawo. Mangaphi ama-apile anawo? I have 11 apples. Khwezi has 5 more apples than me. How many apples does he have? 	 $\underline{\quad} + \underline{\quad} = \underline{\quad}$
UTumelo uneelekese ezibomvu ezili-10 neelekese ezizuba ezi-9. Zingaphi iilekese anazo zizonke? Tumelo has 10 red sweets and 9 blue sweets. How many sweets does she have altogether? 	 $\underline{\quad} + \underline{\quad} = \underline{\quad}$
Ndineepenisile ezili-15. Umhlobo wam uneepenisile ezi-3 ngaphezu kwezam. Zingaphi iipenisile anazo? I have 15 pencils. My friend has 3 more pencils than me. How many pencils does he have? 	 $\underline{\quad} + \underline{\quad} = \underline{\quad}$

2

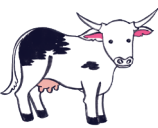
Abahlobo bethu

Our friends



Zingaphi izilwanyana zohlobo ngalunye eziboniswa kule grafu?

How many of each animal is shown on the graph?

3 Zingaphi zizonke?

How many altogether?

 +   <u>4</u> + <u>5</u> = <u>9</u>	 +   <u>12</u> + <u>4</u> = <u>16</u>
 +  <u> </u> + <u> </u> = <u> </u>	 +  <u> </u> + <u> </u> = <u> </u>
 +  <u> </u> + <u> </u> = <u> </u>	 +  <u> </u> + <u> </u> = <u> </u>

IZIBALO
ZENTLOKO
MENTAL MATHS

1, 2, 3 VEZA -
UKUDIBANISA
1, 2, 3 SHOW - ADDITION

UMDLALO
GAME

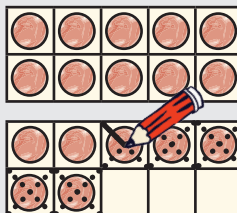
UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

- 1 Sombulula ezi ngxaki zamagama usebenzise izakhelo zamashumi.
Solve the word problems using the ten frames.

Kukho iintaka ezili-17 emthini. Ezi-5 kuzo zibhabhile. Zingaphi iintaka eziseleyo?

There are 17 birds on the branch. 5 of them fly away.
How many birds are left?



$$\begin{array}{r} 17 \\ - 5 \\ \hline 12 \end{array}$$

Kukho iigusha ezingama-20 efama. Ezi-9 kuzo zilahlekile. Zingaphi iigusha ezishiyelekileyo?

There are 20 sheep on the farm. 9 of them get lost.
How many sheep are left?



$$\begin{array}{r} \\ - \\ \hline \end{array}$$

Kukho iibhola zesoka ezili-18 ebhegini. Ezi-6 ziye zasetyenziswa. Zingaphi iibhola zesoka ezishiyelekileyo?

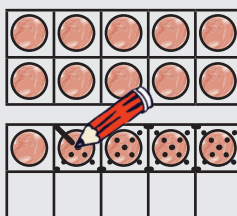
There are 18 soccer balls in the bag. 6 of them are used. How many soccer balls are left?



$$\begin{array}{r} \\ - \\ \hline \end{array}$$

Kukho amapetyu abomvu ali-15 naluhlaza ama-4 ebhegini. Yintoni umahluko phakathi kwenani lamapetyu abomvu namapetyu aluhlaza.

There are 15 red marbles and 4 green marbles in a bag. What is the difference between the number of red and green marbles?



$$\begin{array}{r} 15 \\ - 4 \\ \hline 11 \end{array}$$

Kukho iipenisile ezili-19 neepeni ezi-6 ebhotileni. Yintoni umahluko phakathi kwenani leepenisile neepeni?

There are 19 pencils and 6 pens in the jar.
What is the difference between the number of pencils and pens?

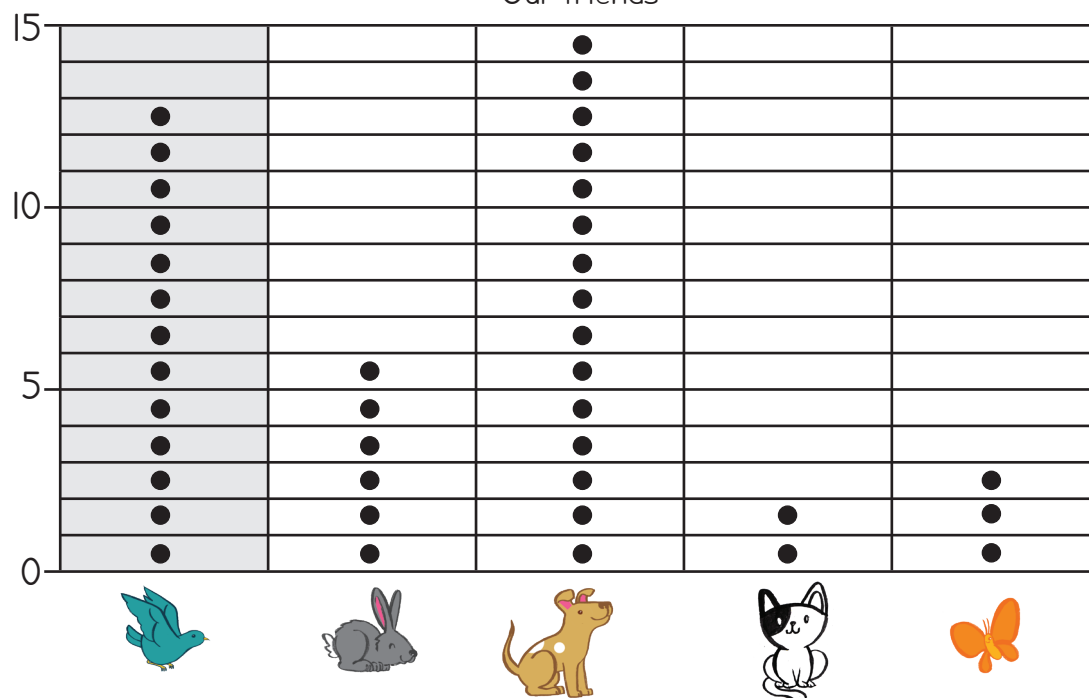


$$\begin{array}{r} \\ - \\ \hline \end{array}$$

2

Abahlobo bethu

Our friends



Lithini inani lohlobo lwesilwanyana ngalunye oluboniswa kule grafu?

How many of each are shown on the graph?

				
 13				

3

Imi  mininzi kangakanani kunee- ?

How many more  than ?

$$\underline{6} - \underline{2} = \underline{4}$$

Ii  zininzi kangakanani kunama- ?

How many more  than ?

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

Izi  zininzi kangakanani kunemi- ?

How many more  than ?

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

IZIBALO
ZENTLOKO
MENTAL MATHS

1, 2, 3 VEZA -
UKUDIBANISA
1, 2, 3 SHOW - ADDITION

UMDLALO
GAME

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS



Sebenzisa umzila wamanani wakho.

Use your number track.



1 Mangaphi amaso ewonke?

How many beads altogether?

 $4 + 4 + 2 = 10$	 $___ + ___ + ___ = ___$
 $___ + ___ + ___ = ___$	 $___ + ___ + ___ = ___$
 $___ + ___ + ___ = ___$	 $___ + ___ + ___ = ___$

2 Thabatha. Mangaphi amaso aseleyo?

Subtract. How many beads are left?

 $13 - 3 - 3 = ___$	 $14 - 4 - 3 = ___$
 $15 - 5 - 4 = ___$	 $16 - 6 - 2 = ___$
 $17 - 7 - 3 = ___$	 $18 - 8 - 4 = ___$

3						
	10	1	12	4	3	4

Zingaphi?

How many?

 +  +   10 + 1 + 4 = 15	 +  +  _____ + _____ + _____ = _____
--	---

Yintoni umahluko?

What is the difference?

 -   4 - 3 = 1	 -  _____ - _____ = _____
--	---

4 Sombulula uze ufake umbala kwimpendulo engasezantsi.

Solve and then colour the answer below.

8 + 2 + 2 =  12 	10 + 5 + 5 =  20 
20 - 2 - 3 = _____ 	20 - 4 - 5 = _____ 
12 - 2 - 1 = _____ 	8 + 2 + 6 = _____ 
6 + 4 + 8 = _____ 	20 - 5 - 5 = _____ 
7 + 3 + 4 = _____ 	5 + 5 + 3 = _____ 
7 + 3 + 7 = _____ 	5 + 5 + 9 = _____ 









IZIBALO
ZENTLOKO
MENTAL MATHS

1, 2, 3 VEZA -
UKUDIBANISA
1, 2, 3 SHOW - ADDITION

UMDLALO
GAME

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

IPHEPHA
LOKUSEBENZELA
WORKSHEET



1 Sombulula ezi ngxaki.

Solve the problems.



$$9 + 4 - 2 = \underline{\quad}$$

$$8 + 6 - 3 = \underline{\quad}$$

$$9 + 5 - 4 = \underline{\quad}$$

$$8 + 9 - 5 = \underline{\quad}$$

$$7 + 7 - 3 = \underline{\quad}$$

$$8 + 8 - 2 = \underline{\quad}$$

$$9 + 9 - 5 = \underline{\quad}$$

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

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

$$11 - 3 - 3 = \underline{\quad}$$

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

$$11 - 5 - 5 = \underline{\quad}$$

2 Sebenzisa izakhelo zamashumi ukuze udibanise okanye uthabethe.

Use the ten frames to add and subtract.

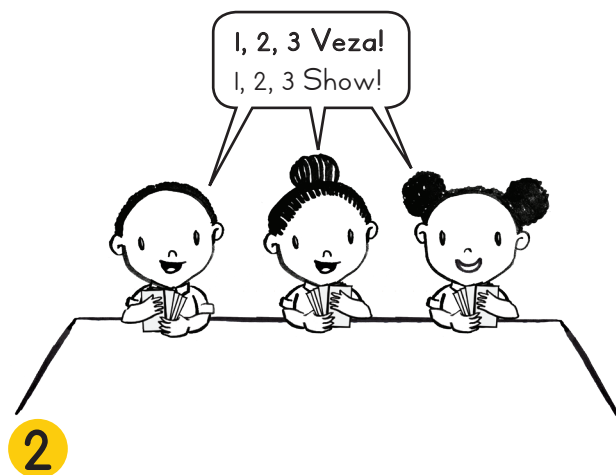
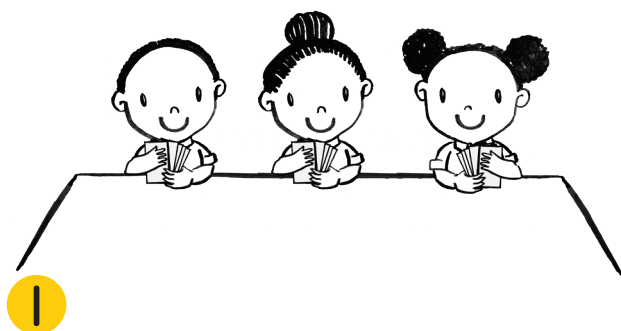
$12 + 4 - 5 = \underline{\quad}$	
$17 + 2 - 6 = \underline{\quad}$	
$16 + 1 - 6 = \underline{\quad}$	
$11 + 7 - 4 = \underline{\quad}$	
$13 + 4 - 7 = \underline{\quad}$	
$10 + 1 - 1 = \underline{\quad}$	
$14 + 5 - 8 = \underline{\quad}$	

Umdlalo: 1, 2, 3 Veza – ukudibanisa

Game: 1, 2, 3 Show – addition

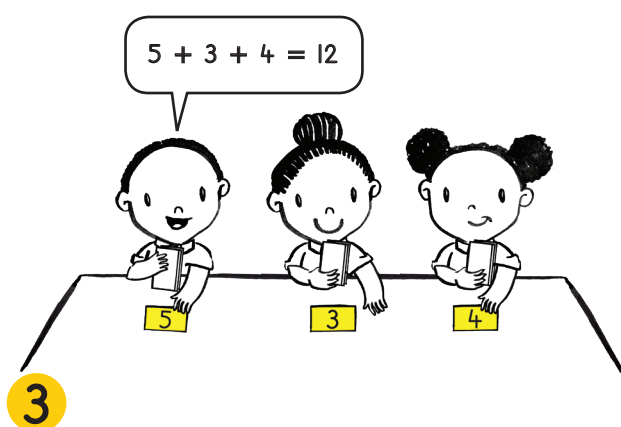
Dlala ngamakhasi 0–5. Tshofula amakhadi amanani akho uze uwabeke ngobuso edesikeni.

Play with the cards 0–5. Shuffle your number cards and put them face down on the desk.



Umntu wokuqala ukudibanisa amanani aze akhwaze impendulo uyawagcina amakhadi.

The first person to add the numbers and call out the answer keeps the cards.



Umfundi onamakhadi amaninzi ekupheleni komdlalo nguye ophumelelayo.

The learner with the most cards at the end wins the game.



1 Sombulula ezi ngxaki.

Solve these problems.



$6 + 4 + 5 = \underline{\quad}$

$13 - 3 - 4 = \underline{\quad}$

$7 + 3 + 8 = \underline{\quad}$

$16 - 6 - 5 = \underline{\quad}$

$5 + 5 + 7 = \underline{\quad}$

$19 - 9 - 2 = \underline{\quad}$

$8 + 2 + 9 = \underline{\quad}$

$17 - 7 - 6 = \underline{\quad}$

$9 + 1 + 6 = \underline{\quad}$

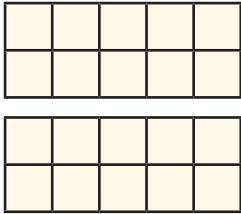
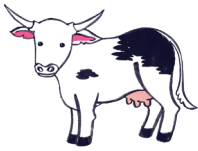
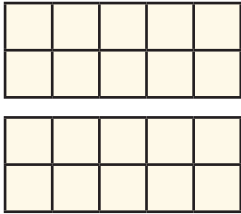
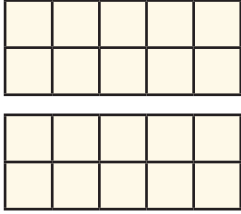
$15 - 5 - 3 = \underline{\quad}$

$4 + 2 + 6 = \underline{\quad}$

$18 - 8 - 7 = \underline{\quad}$

2 Sombulula iingxaki zamagama usebenzise izakhelo zamashumi.

Solve these word problems using the ten frames.

Umama ufake ama-apile abomvu asi-8 nama-apile aluhlaza ama-6 esityeni. Mangaphi ama-apile awafake esityeni ewonke? Mother puts 8 red apples and 6 green apples in a bowl. How many apples does she put in the bowl altogether? 	 $\underline{\quad} + \underline{\quad} = \underline{\quad}$
Kukho iinkomo ezili-18 efama. Iinkomo ezi-5 ziye zalahleka. Zingaphi iinkomo ezishiyelekileyo? There are 18 cows on the farm. 5 of these cows get lost. How many cows are left? 	 $\underline{\quad} - \underline{\quad} = \underline{\quad}$
Utitshala uneepenisile ezintsha ezingama-20 kwidrowa yakhe. Usebenzise iipenisile ezili-12. Zingaphi iipenisile ezisentsha? Teacher has 20 new pencils in her drawer. 12 pencils are used. How many pencils are still new? 	 $\underline{\quad} - \underline{\quad} = \underline{\quad}$

3 Bala.

Calculate.



= 13



= 14



= 5



= 6



= 7

 +  +   <u>6</u> + <u>5</u> + <u>7</u> = <u>18</u>	 +  +  <u> </u> + <u> </u> + <u> </u> = <u> </u>
 -  -  <u> </u> - <u> </u> - <u> </u> = <u> </u>	 -  -  <u> </u> - <u> </u> - <u> </u> = <u> </u>
 -  -  <u> </u> - <u> </u> - <u> </u> = <u> </u>	 -  -  <u> </u> - <u> </u> - <u> </u> = <u> </u>



4 Sombulula ezi ngxaki.

Solve the problems.

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

$11 + 3 - 2 = \underline{\quad}$

$14 + 2 - 5 = \underline{\quad}$

$12 - 5 + 2 = \underline{\quad}$

$13 + 6 - 5 = \underline{\quad}$

$16 + 2 - 6 = \underline{\quad}$

$11 - 7 + 4 = \underline{\quad}$

$16 - 4 + 2 = \underline{\quad}$

$19 - 7 + 2 = \underline{\quad}$

$14 - 8 + 3 = \underline{\quad}$

$15 - 3 + 4 = \underline{\quad}$

$18 - 6 + 7 = \underline{\quad}$

$13 - 6 + 2 = \underline{\quad}$

$4 + 5 + 1 = \underline{\quad}$

$7 + 3 - 5 = \underline{\quad}$

$20 - 7 - 3 = \underline{\quad}$

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

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

$20 - 4 - 5 = \underline{\quad}$

Ukuthalekisa ivolyum nekhaphasithi

Comparing volume and capacity

IZIBALO
ZENTLOKO
MENTAL MATHS

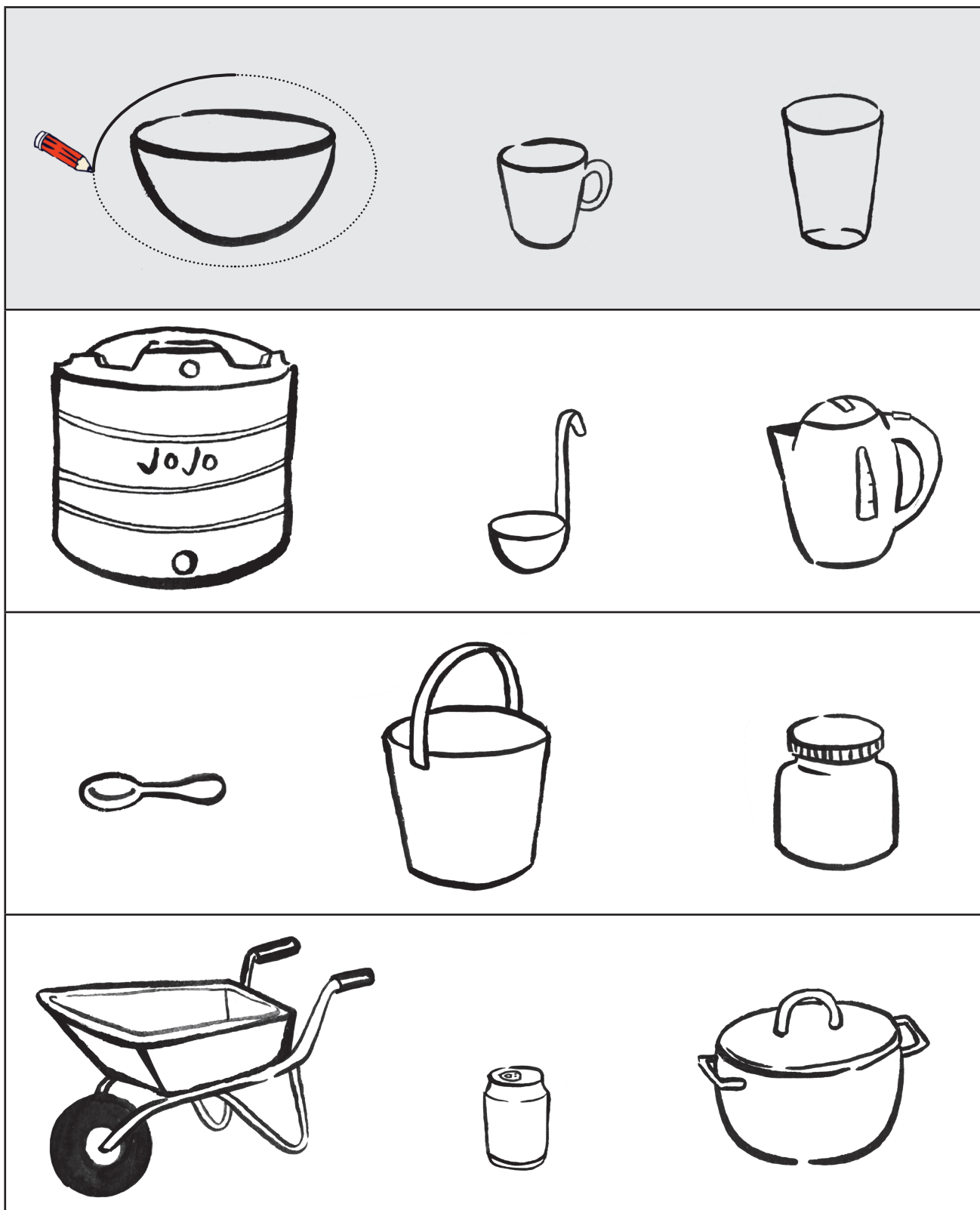
IIBHONDI ZE-10 -
AMAKHADI AMACHOKOZA
BONDS OF 10 - DOT CARDS

UMDLALO
GAME

UPHUHLISO
LWENGQIYO
CONCEPT DEVELOPMENT

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

- 1 Bigela ngesangqa isikhongozelo esinokuthatha kakhulu.
Circle the container that can hold the **most**.



2 Bigela kakhulu kuna- okanye kancinci kuna.

Circle more than or less than.

Icephe lithatha The spoon holds 	kakhulu kune- more than kancinci kuna less than	komityi. the cup. 
---	---	---

Ijagi ithatha The jug holds 	kakhulu kune- more than kancinci kuna less than	gilasi. the glass. 
---	---	--

Igilasi ithatha The glass holds 	kakhulu kune- more than kancinci kuna less than	komityi yeti. the teacup. 
---	---	---

Ijagi ithatha The jug holds 	kakhulu kune- more than kancinci kuna less than	bhakethi eliblowu. the blue bucket. 
---	---	---

Ibhotile ithatha The bottle holds 	kakhulu kune- more than kancinci kuna less than	cephe. the spoon. 
---	---	---

Ibhakethi elibomvu lithatha The red bucket holds 	kakhulu kune- more than kancinci kuna less than	komityi. the cup. 
--	---	---

Ukulinganisela ivolyum nekhaphasithi

Measuring volume and capacity

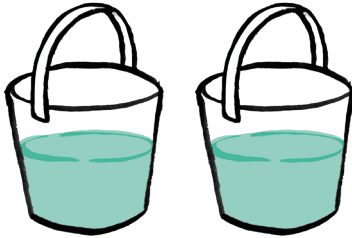
IZIBALO
ZENTLOKO
MENTAL MATHS

IIBHONDI ZE-10 -
AMAKHADI AMACHOKOZA
BONDS OF 10 - DOT CARDS

UMDLALO
GAME

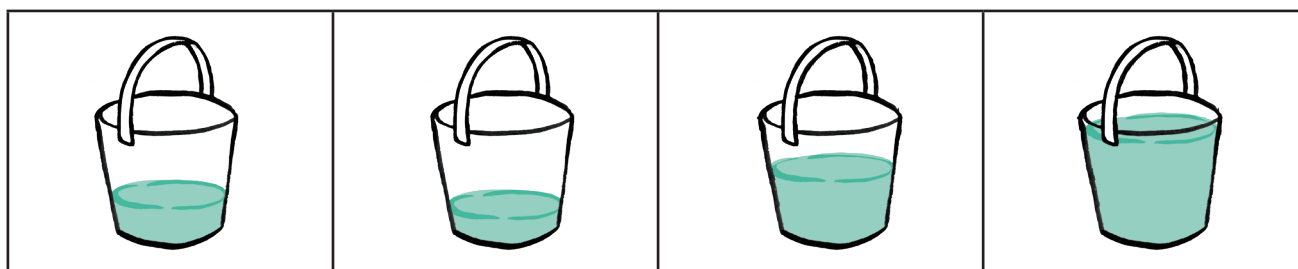
UPHUHLISO
LWENGQIYO
CONCEPT DEVELOPMENT

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

ezeleyo full	engenato empty	alinganayo the same amount
		

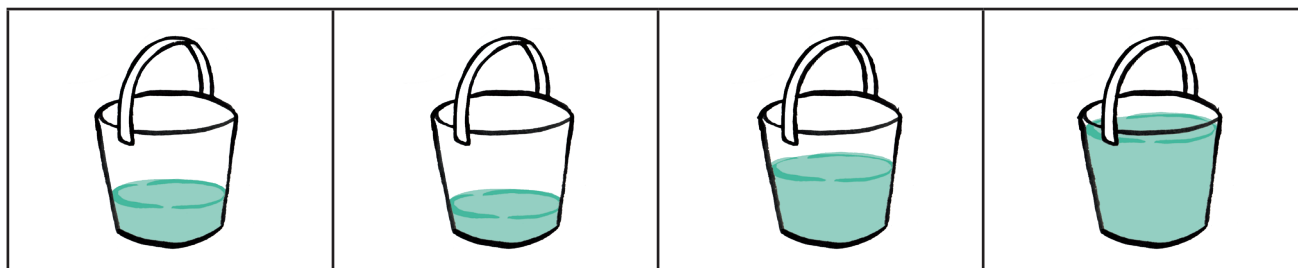
1 Biyela ngesangqa ibhakethi elinawona manzi maninzi.

Circle the bucket with the **most** water.



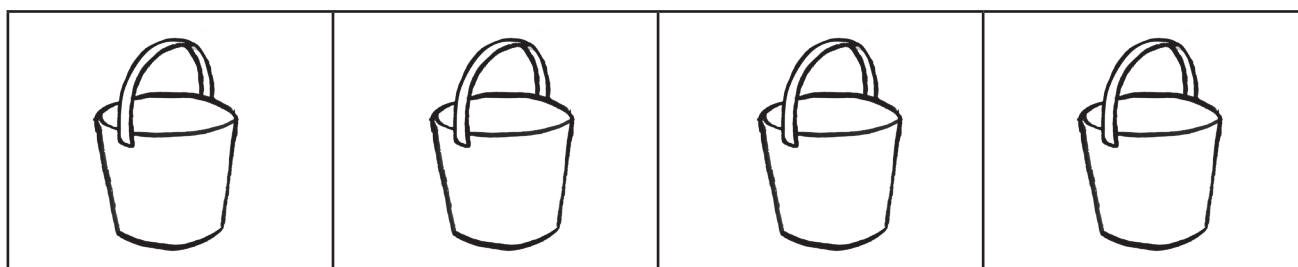
2 Biyela ngesangqa ibhakethi elinawona manzi mancinci.

Circle the bucket with the **least** water.



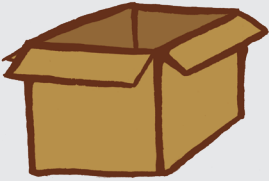
3 Faka umbala amanzi alinganayo kwibhakethi ngalinye.

Draw the **same** amount of water in each bucket.



4 Fakela umbala kwigama elichanekileyo elihambelana nomfanekiso.

Colour the correct word to match the picture.

	izele full	ayinanto empty 
	izele full	ayinanto empty
	izele full	ayinanto empty
	izele full	ayinanto empty
	izele full	ayinanto empty
	izele full	ayinanto empty
	izele full	ayinanto empty

Ukulinganisela ivolyum nekhaphasithi

Measuring volume and capacity

IZIBALO
ZENTLOKO
MENTAL MATHS

IIBHONDI ZE-10 -
AMAKHADI AMACHOKOZA
BONDS OF 10 - DOT CARDS

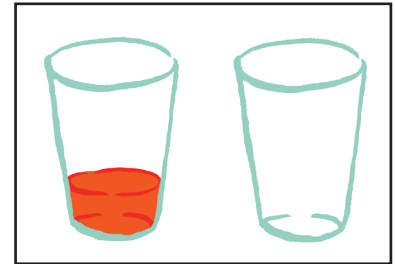
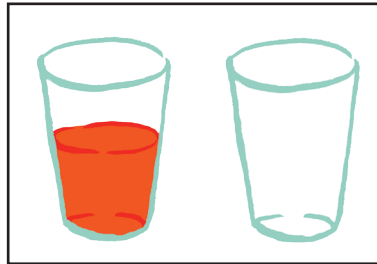
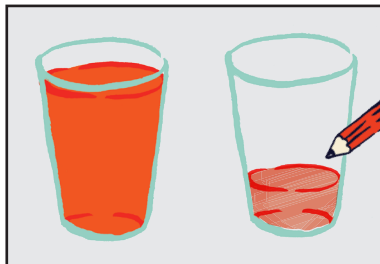
UMDLALO
GAME

UPHULISO
LWENGQIYO
CONCEPT DEVELOPMENT

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

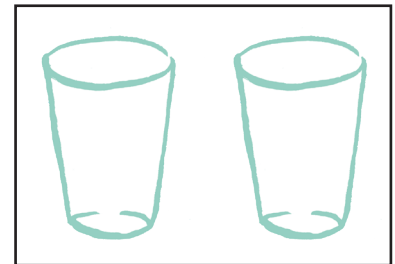
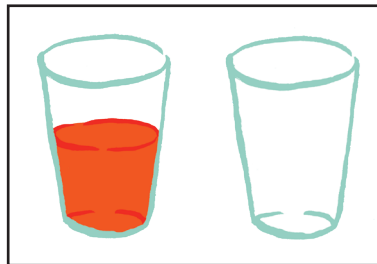
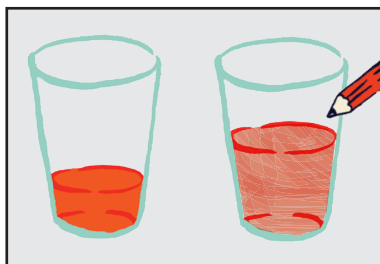
- 1 Fakela umbala kwigilasi yesibini ukuze ibe nomthamo omncinci kunegilasi yokuqala.

Colour in the second glass so that it has **less than** the first glass.



- 2 Fakela umbala kwigilasi yesibini ukuze ibe nomthamo omninzi kunegilasi yokuqala.

Colour in the second glass so that it has **more than** the first glass.



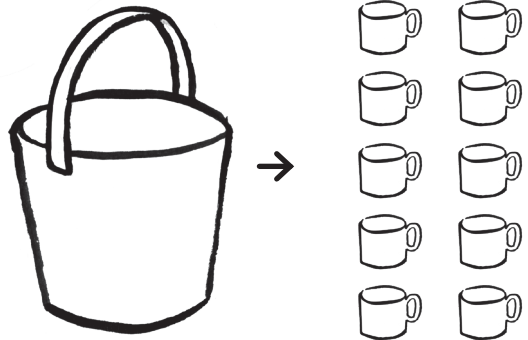
- 3 Phawula ngethiki igama elichanekileyo elichaza imifanekiso.

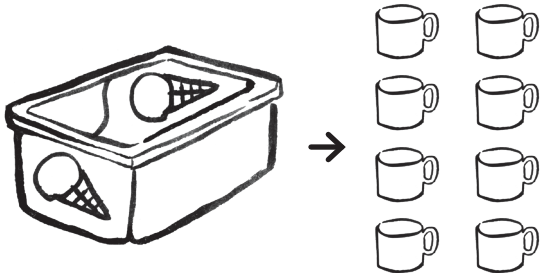
Tick the correct word to describe the pictures.

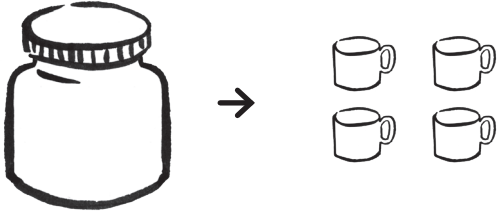
lizele full		lizele full		lizele full	
alinanto empty		alinanto empty		alinanto empty	
lisehafini half full		lisehafini half full		lisehafini half full	

4 Jonga imifanekso uze uphendule imibuzo.

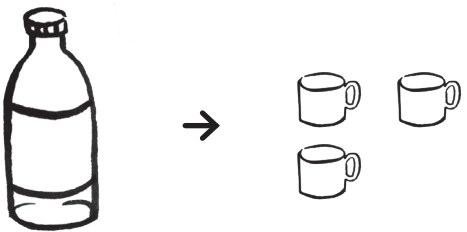
Look at the pictures and answer the questions.

	Ibhakethi lithatha iikomityi ezi-____ ezincinci. The bucket holds ____ small cups.
---	--

	Isikhongozelo seayisikhrimu sithatha iikomityi ezi-____ ezincinci. The ice-cream tub holds ____ small cups.
--	---

	Ibhotile ithatha iikomityi ezincinci ezi-____. The jar holds ____ small cups.
---	---

	Igilasi enkulu ithatha iikomityi ezincinci ezi-____. The large glass holds ____ small cups.
---	---

	Le bhotilana ithatha iikomityi ezincinci ezi-____. The bottle holds ____ small cups.
---	--

Ukulinganisela ivolyum nekhaphasithi

Measuring volume and capacity

IZIBALO
ZENTLOKO
MENTAL MATHS

IIBHONDI ZE-10 -
AMAKHADI AMACHOKOZA
BONDS OF 10 - DOT CARDS

UMDLALO
GAME

UPHUHLISO
LWENGQIYO
CONCEPT DEVELOPMENT

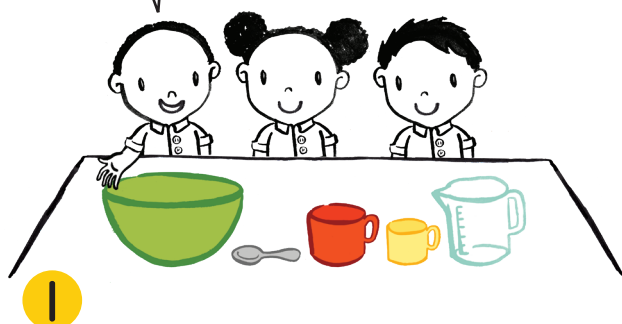
IPHEPHA
LOKUSEBENZELA
WORKSHEET

Umdlalo: Sesiphi isikhongozelo esithatha kakhulu?

Game: Which container holds more?

Cimela ngeli xa ndibeka izinto emgceni. Khetha enento eninzi.

Close your eyes while I put all the things in a row. Feel them and choose the one that holds the most.



Icephe lithatha kancinci kunekomityi.

The spoon holds less than the cup.

Ikomityi ithatha kakhulu kunecephe. Ndiphumelele.

The cup holds more than the spoon. I win.



Ijagi ithatha kakhulu kunekomityi. Ndiphumelele.

The jug holds more than the cup. I win.

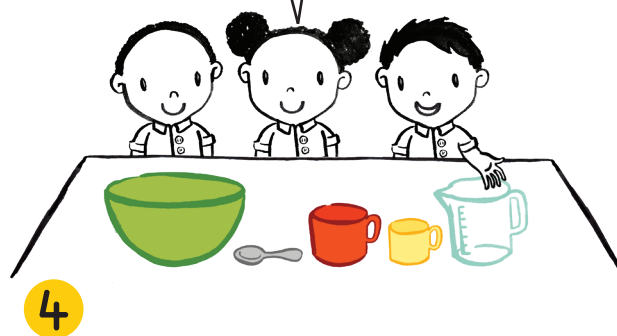
Ikomityi ithatha kancinci kunejagi.

The cup holds less than the jug.



Masikhethe ke ngoku ethatha kancinci.

Now let's choose the one that holds less.

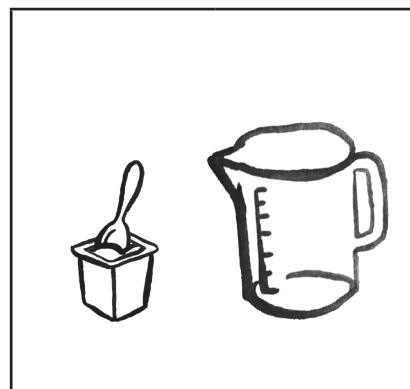
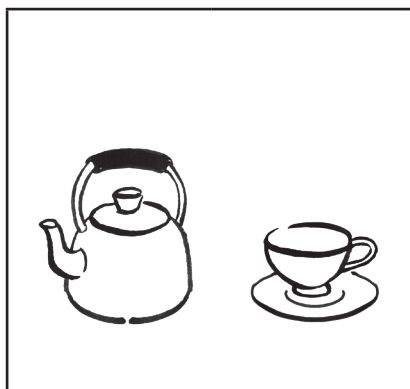
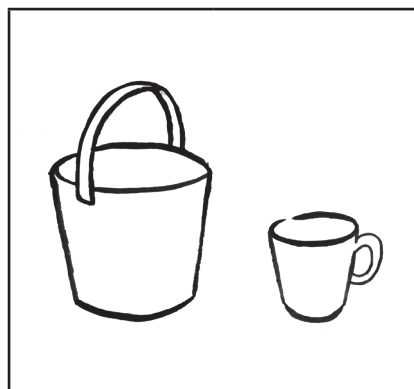
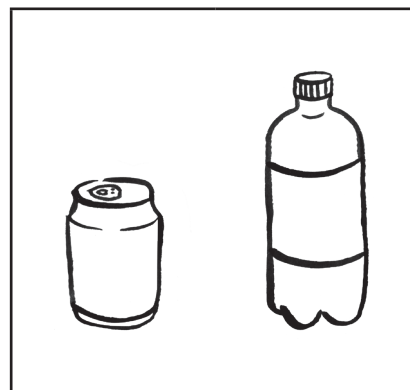
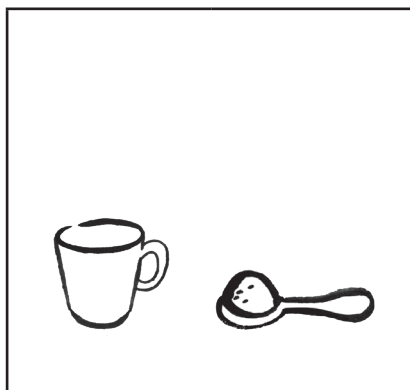


Abafundi mabatshintshiselane ngokukhetha izinto. Bangabhala phantsi ukuba mingaphi imijikelo abafumana ngayo amanqaku.

Learners take turns to choose items. They can keep a record of how many rounds they win a point.

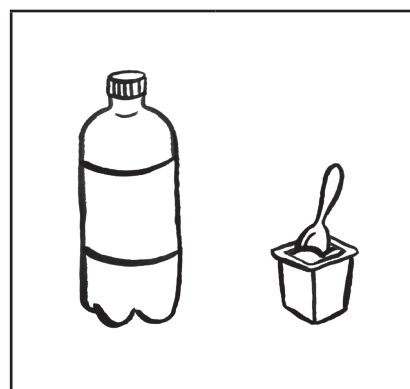
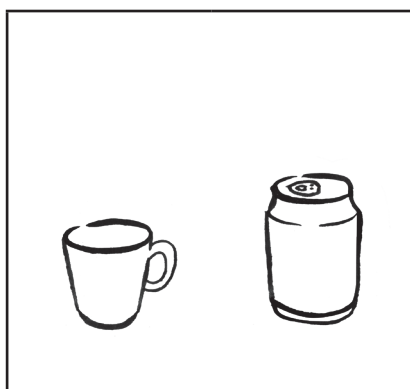
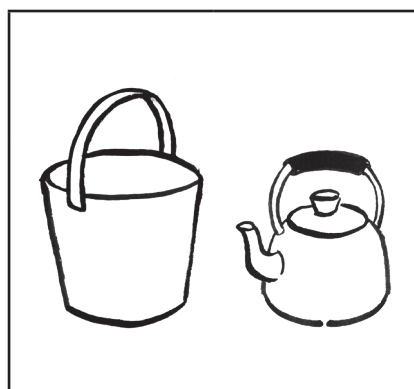
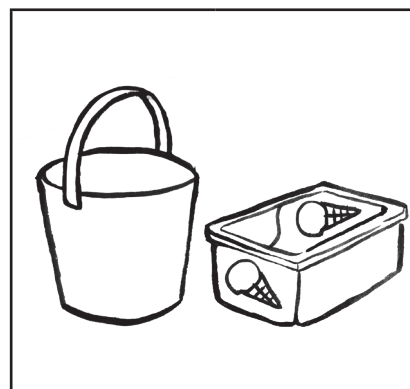
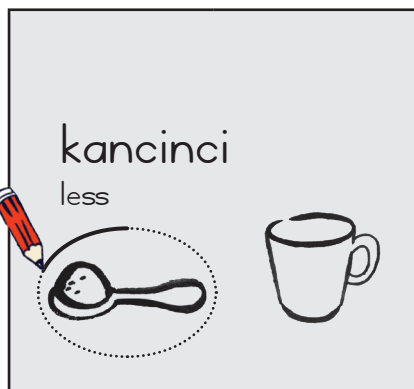
1 Biyela ngesangqa isikhongozelo esithatha kakhulu.

Circle the container that holds **more**.



2 Biyela ngesangqa isikhongozelo esithatha kancinci.

Circle the container that holds **less**.



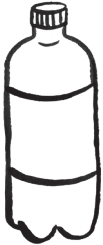
- 1 Bhala izele okanye ayinanto.
Write full or empty.

	 izele full		 ayinanto empty
			
			
			

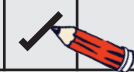
- 2 Fakela umbala kwizikhongozelo ukuze ubonise ukuba sizele, sisehafini okanye asinanto.
Colour the containers to show them full, half full and empty.

- 3** Fakela umbala kwigama elichanekileyo elihambelana nomfanekiso.
Colour the correct word to match the picture.

	izele full	ayinanto empty		izele full	ayinanto empty
	izele full	ayinanto empty		izele full	ayinanto empty
	izele full	ayinanto empty		izele full	ayinanto empty
	izele full	ayinanto empty		izele full	ayinanto empty

- 4** Tikisha into ethatha umthamo omninzi.
Tick the thing that holds **more**.

 ☒  ☐	 ☐ ☐	 ☐ ☐
---	---	--

- 5** Tikisha into ethatha umthamo omncinci.
Tick the thing that holds **less**.

 ☒  ☐	 ☐ ☐	 ☐ ☐
---	---	--

Amanani kumgcamanani

Numbers on a number line

IZIBALO
ZENTLOKO
MENTAL MATHS

IIBHONDI ZE-10 -
AMAKHADI AMANANI
BONDS OF 10 - NUMBER CARDS

UMDLALO
GAME

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

1

Tsibela kwinani eli-:

Jump to the number that is:

Uphi ngoku?

Where are you now?

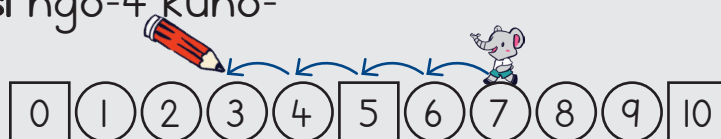
ngaphezulu ngo-3 kuno-

3 more than



ngaphantsi ngo-4 kuno-

4 less than



ngaphantsi ngo-4 kuno-

4 less than



ngaphezulu ngo-6 kuno-

6 more than



2

Tsibela ngaphambili okanye ngasemva.

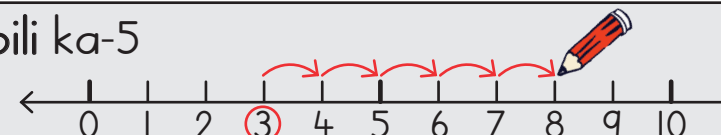
Jump forwards or backwards.

Uphi ngoku?

Where are you now?

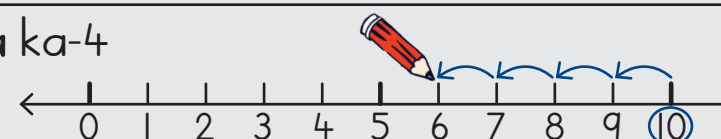
Ngaphambili ka-5

Forwards 5



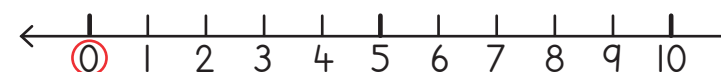
Ngasemva ka-4

Backwards 4



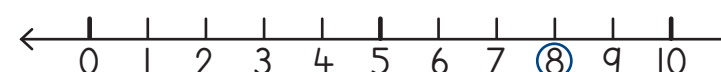
Ngaphambili ka-8

Forwards 8



Ngasemva ka-7

Backwards 7



3 Fakela amanani ashiyiweyo.

Fill in the missing numbers.

0	1	2	3	4	5	6	7	8	9	10
0		2		4		6		8		10
0	1			4	5			8	9	10
0										10

4 Fakela amanani ashiyiweyo.

Fill in the missing numbers.

0	1	2	3	4	5	6	7	8	9	10
0		2		4		6		8		10
0	1			5				8		10

5 Dibanisa. Bonisa amanyathelo/imitsi kumgca manani.

Add. Show the steps on the number line.

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

IZIBALO
ZENTLOKO
MENTAL MATHS

IIBHONDI ZE-10 -
AMAKHADI AMANANI
BONDS OF 10 - NUMBER CARDS

UMDLALO
GAME

UPHUHLISO
LWENGQIYO
CONCEPT DEVELOPMENT

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

1 Dibanisa.

Add.



Uqaphela ntoni xa
udibanisa ku-9?

What do you notice
when you add on to 9?

 $9 + 5 = \underline{14}$	 $9 + 5 = \underline{14}$
 $9 + 2 = \underline{\quad}$	 $9 + 2 = \underline{\quad}$
 $9 + 9 = \underline{\quad}$	 $9 + 9 = \underline{\quad}$
 $9 + 4 = \underline{\quad}$	 $9 + 4 = \underline{\quad}$
 $9 + 6 = \underline{\quad}$	 $9 + 6 = \underline{\quad}$
 $9 + 3 = \underline{\quad}$	 $9 + 3 = \underline{\quad}$
 $9 + 7 = \underline{\quad}$	 $9 + 7 = \underline{\quad}$

2 Zingaphi iibhola ekufuneka zongezwe ukuze wenze inani elingasentla?

How many balls must be added to make the top number?

3 Fakela amanani angekhoyo ukuze usombulule ezi ngxaki.

Fill in the missing numbers to solve these problems.

$$q + q = 18$$

$$q + 2 = 11$$

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

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

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

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

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

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

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

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

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

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

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

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

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

Ukudibanisa ku-8 naku-7

Adding on to 8 and 7

IZIBALO
ZENTLOKO
MENTAL MATHS

IIBHONDI ZE-10 -
AMAKHADI AMANANI
BONDS OF 10 - NUMBER CARDS

UMDLALO
GAME

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

1 Dibanisa.
Add.



Uqaphela ntoni xa
udibanisa ku-8?

What do you notice
when you add on to 8?

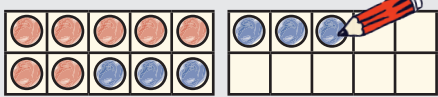
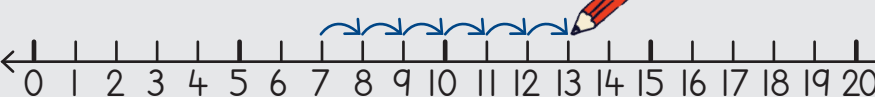
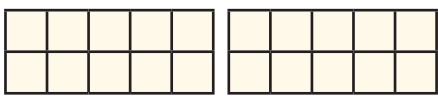
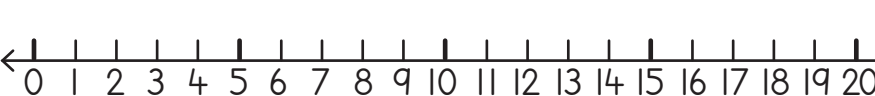
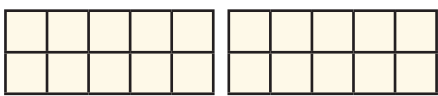
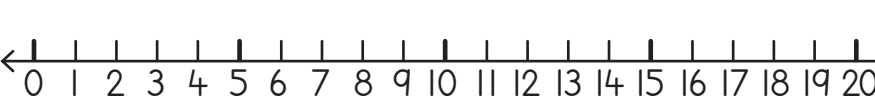
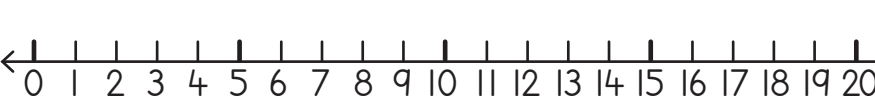
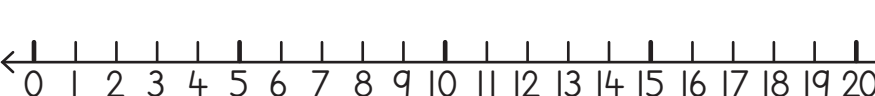
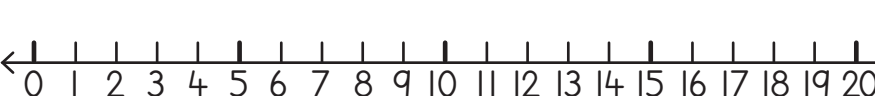
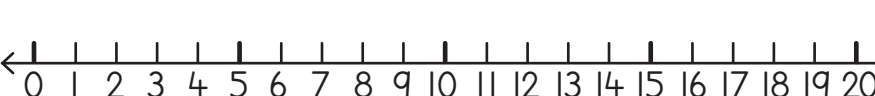
 $8 + 5 = 13$	 $8 + 5 = 13$
 $8 + 4 = \underline{\quad}$	 $8 + 4 = \underline{\quad}$
 $8 + 6 = \underline{\quad}$	 $8 + 6 = \underline{\quad}$
 $8 + 3 = \underline{\quad}$	 $8 + 3 = \underline{\quad}$
 $8 + 7 = \underline{\quad}$	 $8 + 7 = \underline{\quad}$
 $8 + 9 = \underline{\quad}$	 $8 + 9 = \underline{\quad}$
 $8 + 8 = \underline{\quad}$	 $8 + 8 = \underline{\quad}$

2 Dibanisa.

Add.



Uqaphela ntoni xa
udibanisa ku-7?
What do you notice
when you add on to 7?

 $7 + 6 = 13$	 $7 + 6 = 13$
 $7 + 9 = \underline{\quad}$	 $7 + 9 = \underline{\quad}$
 $7 + 4 = \underline{\quad}$	 $7 + 4 = \underline{\quad}$
 $7 + 8 = \underline{\quad}$	 $7 + 8 = \underline{\quad}$
 $7 + 5 = \underline{\quad}$	 $7 + 5 = \underline{\quad}$
 $7 + 3 = \underline{\quad}$	 $7 + 3 = \underline{\quad}$
 $7 + 7 = \underline{\quad}$	 $7 + 7 = \underline{\quad}$

IZIBALO
ZENTLOKO
MENTAL MATHS

IIBHONDI ZE-10 -
AMAKHADI AMANANI
BONDS OF 10 - NUMBER CARDS

UMDLALO
GAME

UPHUHLISO
LWENGQIYO
CONCEPT DEVELOPMENT

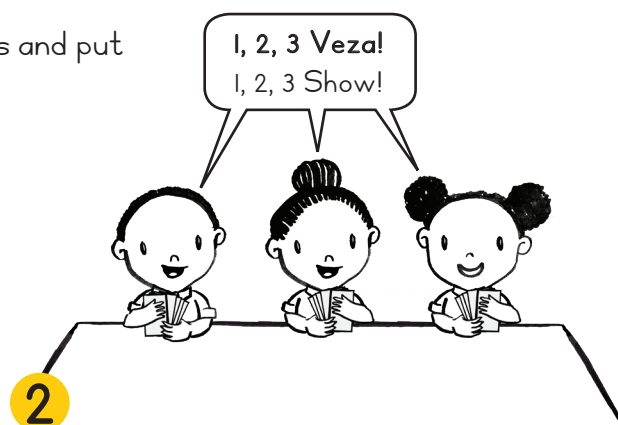
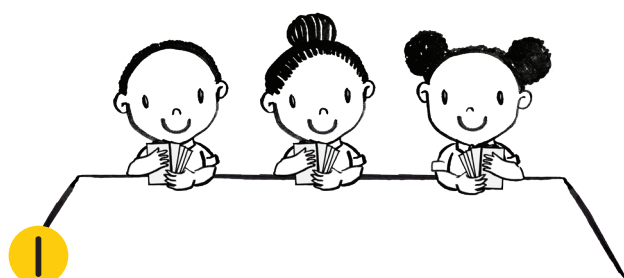
IPHEPHA
LOKUSEBENZELA
WORKSHEET

Umdlalo: 1, 2, 3 Veza - ukudibanisa

Game: 1, 2, 3 Show - addition

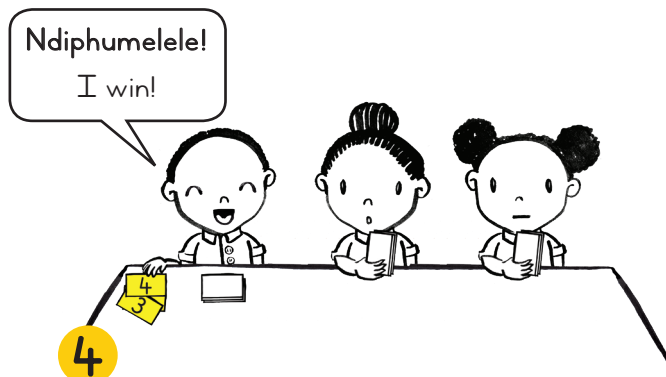
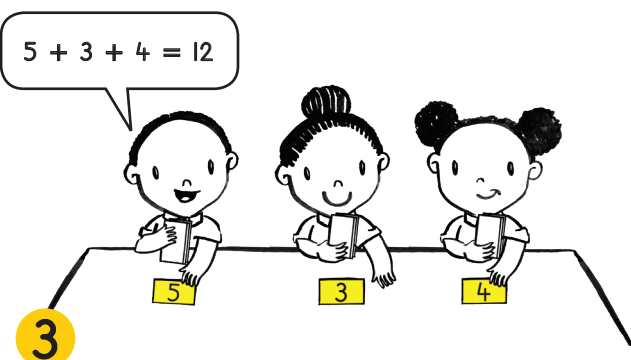
Dlala ngaamakhadi amanani 0–5. Tshofula amakhadi akho uze uwabeke ngobuso edesikeni.

Play with the number cards 0–5. Shuffle your cards and put them face down on the desk.



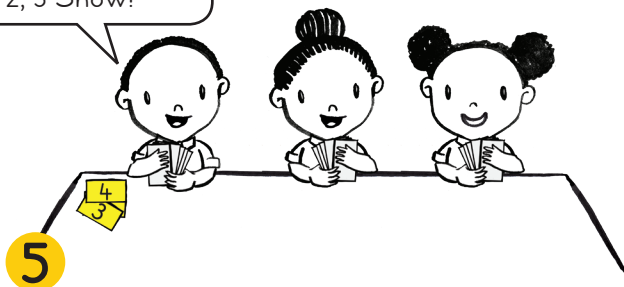
Umntu wokuqala ukudibanisa amanani aze akhwaze impendulo uyawagcina amakhadi.

The first person to add the numbers and call out the answer keeps the cards.



Masidlale kwakhona.
1, 2, 3 Veza!

Let's play again.
1, 2, 3 Show!



Umfundi onamakhadi amaninzi ekupheleni komdlalo nguye ophumelelayo.

The learner with the most cards at the end wins the game.

1 Dibanisa amanani ama-2 ukuze ufumane isiphumo esikwikona engasekhohlo.

Join 2 numbers to get the answer in the left corner.

14 	15
16 	12
13 	18

2 Sombulula ingxaki uze ufakele umbala kwisiphumo esikumgca ongasezantsi.

Solve the problem and then colour the answer on the bottom line.

$7 + 4 = \underline{\quad}$		$6 + 6 = \underline{12}$	
$8 + 6 = \underline{\quad}$		$7 + 8 = \underline{\quad}$	
$9 + 8 = \underline{\quad}$		$9 - 9 = \underline{\quad}$	
$8 + 8 = \underline{\quad}$		$8 + \underline{\quad} = 17$	
$7 + 6 = \underline{\quad}$		$5 + \underline{\quad} = 13$	
$3 + 7 = \underline{\quad}$		$7 + \underline{\quad} = 14$	

7	8	9	10	11	12	13	14	15	16	17	18
---	---	---	----	----	----	----	----	----	----	----	----

1 Dibanisa kwisakhelo samashumi nakumgcamanani.

Add using the ten frame and number line.

$8 + 7 = 15$

$7 + 5 = \underline{\quad}$

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

2 Dibanisa amanani ama-2 ukuze ufumane isiphumo esikwikona engasekhohlo.

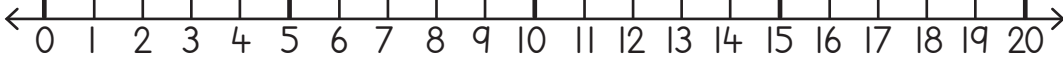
Join 2 numbers to get the answer in the left corner.

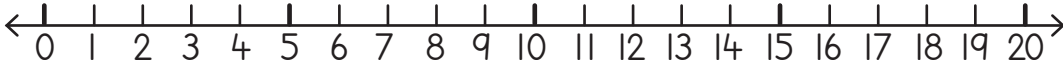
12	17
15	16

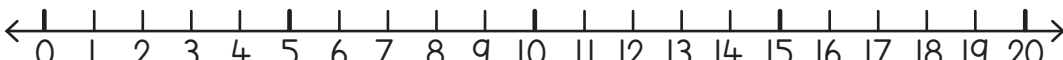
3 Dibanisa.

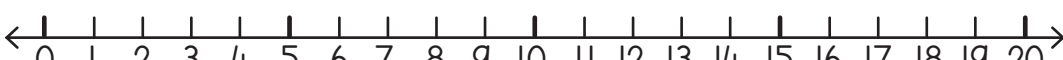
Add.

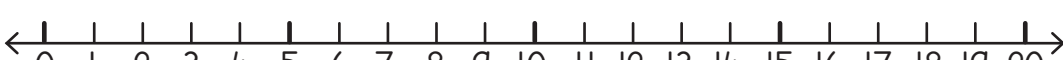
$4 + 8 = 12$ 

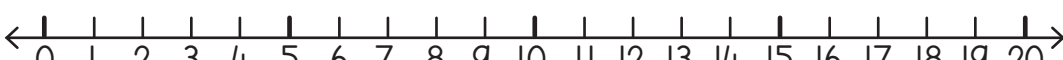
$6 + 10 = \underline{\quad}$ 

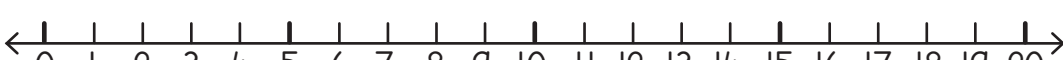
$5 + 4 = \underline{\quad}$ 

$2 + 14 = \underline{\quad}$ 

$10 + 7 = \underline{\quad}$ 

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

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

$7 + 9 = \underline{\quad}$ 

$6 + 7 = \underline{\quad}$ 

4 Funa inani uze udibanise.

Find the number and add.

 = 9  = 8  = 7  = 6  = 5

 +   9 + 7 = 16	 +  ____ + ____ = ____
 +  +  ____ + ____ + ____ = ____	 +  +  ____ + ____ + ____ = ____

Ukudibanisa okuwelela ngaphaya kwe-10

Addition bridging 10

IZIBALO
ZENTLOKO
MENTAL MATHS

1, 2, 3 VEZA -
UKUDIBANISA
1, 2, 3, SHOW - ADDITION

UMDLALO
GAME

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

1 Yenza ishumi ukuze usombulule.

Make a ten to solve.

$9 + 5 = 14$	$8 + 6 = \underline{\quad}$
$6 + 6 = \underline{\quad}$	$7 + 8 = \underline{\quad}$
$5 + 8 = \underline{\quad}$	$8 + 9 = \underline{\quad}$
$7 + 6 = \underline{\quad}$	$7 + 7 = \underline{\quad}$
$8 + 5 = \underline{\quad}$	$3 + 8 = \underline{\quad}$
$6 + 9 = \underline{\quad}$	$4 + 7 = \underline{\quad}$
$8 + 8 = \underline{\quad}$	$4 + 9 = \underline{\quad}$

2 Zingaphi iibhola ekufuneka zongeziwe ukuze wenze inani elingasentla?

How many balls must be added to make the top number?

Ukudibanisa okuwelela ngaphaya kwe-10

Addition bridging 10

IZIBALO
ZENTLOKO
MENTAL MATHS

1, 2, 3 VEZA -
UKUDIBANISA
1, 2, 3, SHOW - ADDITION

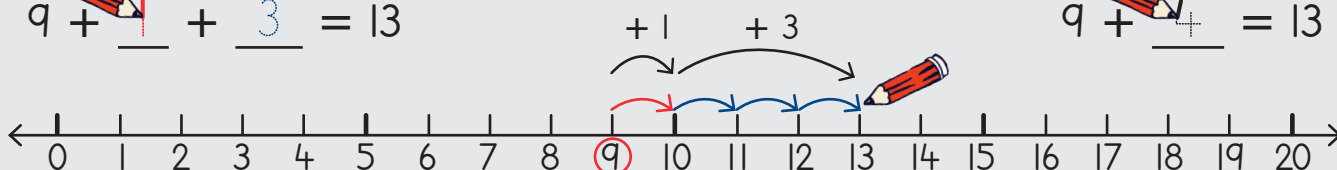
UMDLALO
GAME

UPHULISO
LWENGQIYO
CONCEPT DEVELOPMENT

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

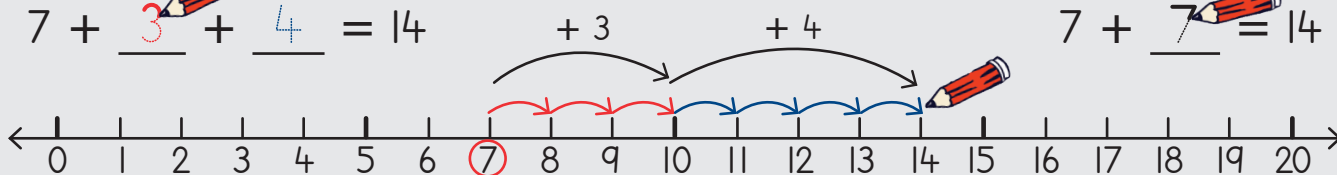
- 1 Sebenzisa umgcamanani ukufumana amanani angekhoyo.
Use the number lines to find the missing numbers.

$$9 + \underline{\quad} + \underline{3} = 13$$



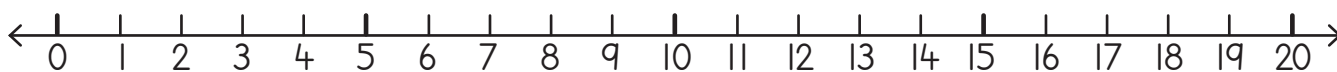
$$9 + \underline{\quad} = 13$$

$$7 + \underline{3} + \underline{4} = 14$$



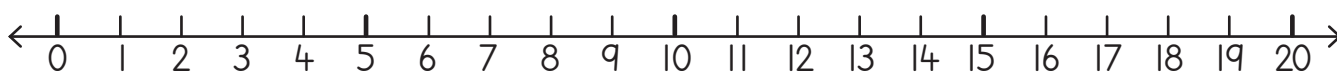
$$7 + \underline{\quad} = 14$$

$$8 + \underline{\quad} + \underline{\quad} = 15$$



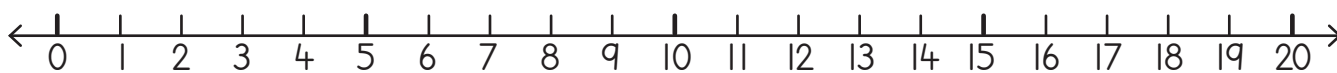
$$8 + \underline{\quad} = 15$$

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



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

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



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

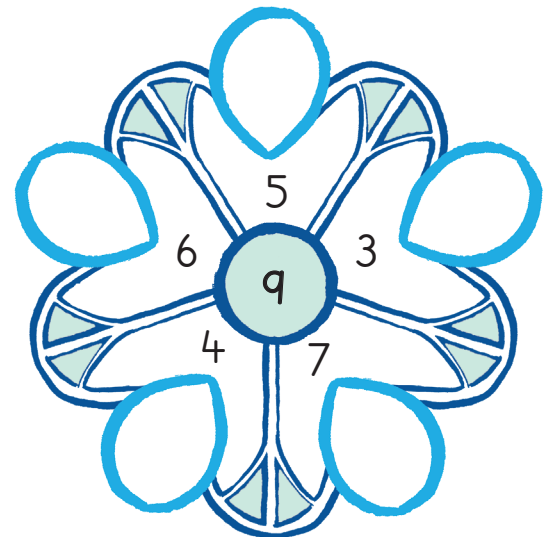
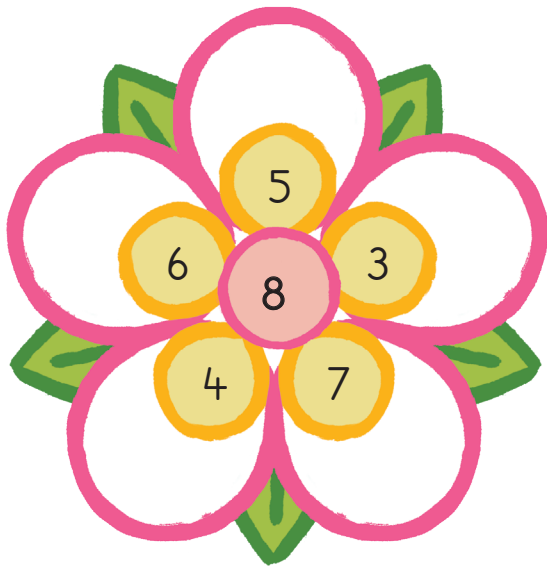
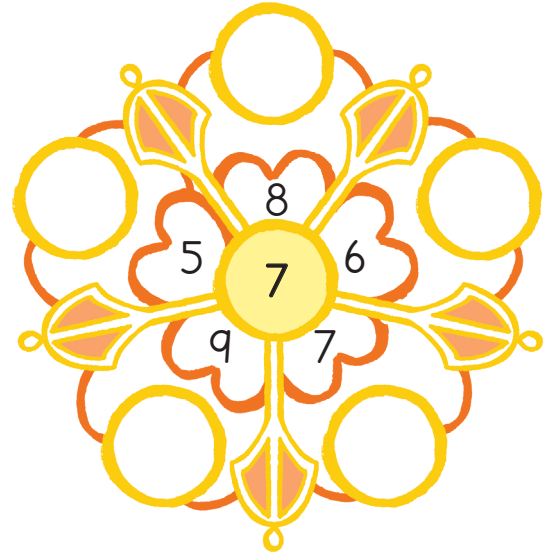
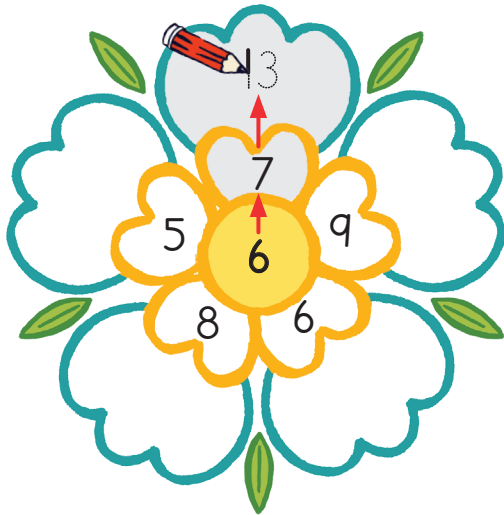
$$7 + \underline{\quad} + \underline{\quad} = 15$$



$$7 + \underline{\quad} = 15$$

2 Dibanisa.

Add.



3 Dibanisa.

Add.

$$6 + 5 = \underline{\quad}$$

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

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

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

$$8 + 7 = \underline{\quad}$$

$$7 + 9 = \underline{\quad}$$

$$7 + 6 = \underline{\quad}$$

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

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

IZIBALO
ZENTLOKO
MENTAL MATHS

1, 2, 3 VEZA -
UKUDIBANISA
1, 2, 3, SHOW - ADDITION

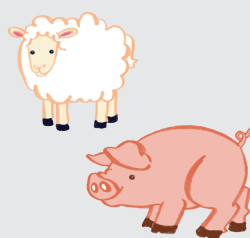
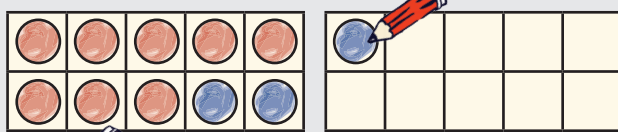
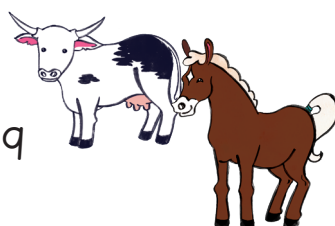
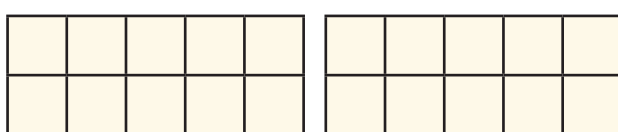
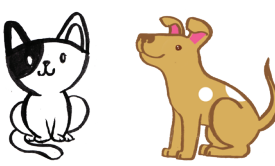
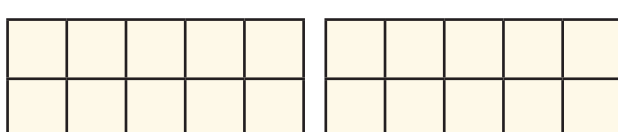
UMDLALO
GAME

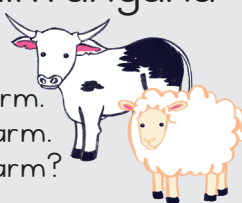
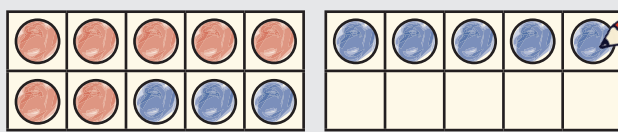
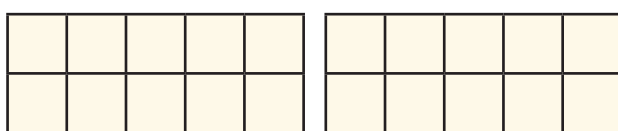
UPHUHLISO
LWENGOQO
CONCEPT DEVELOPMENT

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

1 Zingaphi zizonke? Sombulula ezi ngxaki usebenzise izakhelo zamashumi.

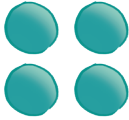
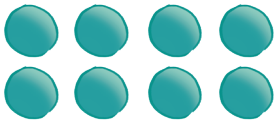
How many altogether? Solve these problems using the ten frames.

iigusha ezi-3 3 sheep  iihagu ezi-8 8 pigs 	  $\underline{8} + \underline{3} = \underline{\quad}$
iinkomo ezi-6 6 cows  amahashe ali-9 9 horses 	 $\underline{\quad} + \underline{\quad} = \underline{\quad}$
iikati ezi-7 7 cats  izinja ezi-5 5 dogs 	 $\underline{\quad} + \underline{\quad} = \underline{\quad}$

2 Kukho iinkomo ezisi-7 efama. Kukho iigusha ezisi-8 efama. Zingaphi izilwanyana ezisefama? There are 7 cows on the farm. There are 8 sheep on the farm. How many animals on the farm? 	  $\underline{7} + \underline{8} = \underline{15}$
Kukho amahashe ama-4 efama. Kukho iigusha ezisi-7 efama. Zingaphi izilwanyana ezisefama? There are 4 horses on the farm. There are 7 sheep on the farm. How many animals on the farm? 	 $\underline{\quad} + \underline{\quad} = \underline{\quad}$

3 Dibanisa kwinani elisebhokisini.

Add to the number in the box.

 +   = <u>12</u>	 +  = ____
 +  = ____	 +  = ____
 +  = ____	 +  = ____

4 Fumana amanani uze udibanise.

Find the numbers and add.

 = 9  = 8  = 7  = 6  = 5  = 4	
 +  +   <u>9</u> + <u>4</u> + <u>4</u> = <u>17</u>	 +  +  ____ + ____ + ____ = ____
 +  +  ____ + ____ + ____ = ____	 +  +  ____ + ____ + ____ = ____
 +  +  ____ + ____ + ____ = ____	 +  +  ____ + ____ + ____ = ____

Amabali okudibanisa

Addition stories

IZIBALO
ZENTLOKO
MENTAL MATHS

1, 2, 3 VEZA -
UKUDIBANISA
1, 2, 3, SHOW - ADDITION

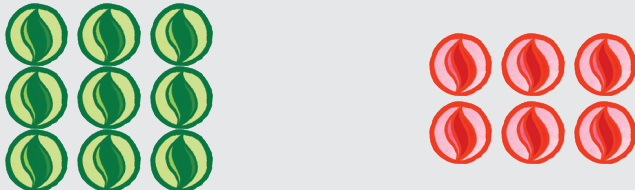
UMDLALO
GAME

UPHUHLISO
LWENGQIYO
CONCEPT DEVELOPMENT

IPHEPHA
LOKUSEBENZELA
WORKSHEET

- 1 Balisela iqabane lakho ibali lokudibanisa ngalo mfanekiso uze ubhale isivakalisi manani emva koko.

Tell your partner an addition story about the picture and then write the number sentence.

	Isivakalisi manani Number sentence
	 <u>9</u> + <u>6</u> = <u>15</u>
	<u> </u> + <u> </u> = <u> </u>
	<u> </u> + <u> </u> = <u> </u>
	<u> </u> + <u> </u> = <u> </u>
	<u> </u> + <u> </u> = <u> </u>
	<u> </u> + <u> </u> = <u> </u>
	<u> </u> + <u> </u> = <u> </u>

Umdlalo: Uphelile! Game: All over!

1

$4 + 5 = 9$

Ndiguqula ikhadi lika-9.
I am turning over the 9 card.

2

$2 + 3 = 5$

Ndiguqula amakhadi ka-1 no-4.
I am turning over the 1 and 4 cards.

3

4

$6 + 1 = 7$

Emva kwemijikelo embalwa
After a few more turns:

Andimenzi u-7.
Liphelile elam ithuba.
I can't make 7.
My game is over.

Qhuba ngolu hlobo ude ube nesiphumo sokuphosa ongenakusenza ngokudibanisa amakhadi ashiyekileyo. Umdlalo uyaphela ke emva koko.

Continue in this way until you throw a total which you can't make using a combination of the cards that remain. Then your game is over.

5

$6 + 6 = 12$

Andimenzi u-12.
Umdlalo wam uphelile.
I can't make 12.
My game is over.

6

Ndinamakhadi ama-3.
Andiphumelelanga!
I have 3 cards! I lose.

Ndinamakhadi ama-2!
Ndiphumelele.
I have 2 cards!
I win!

Bala amakhadi akho. Umntu onamakhadi ambalwa nguye ophumelelayo.

Count your cards. The person with the least cards left is the winner.

- 1** Sebenzisa imigcamanani ukufumana amanani angekhoyo.
Use the number lines to find the missing numbers.

$7 + \underline{3} + \underline{4} = 14$	$7 + \underline{7} = 14$
$9 + \underline{\quad} + \underline{\quad} = 15$	$9 + \underline{\quad} = 15$
$8 + \underline{\quad} + \underline{\quad} = 17$	$8 + \underline{\quad} = 17$
$7 + \underline{\quad} + \underline{\quad} = 12$	$7 + \underline{\quad} = 12$

- 2** Dibanisa kwinani elisebhokisini.
Add to the number in the box.

+ = <u> </u>	+ = <u> </u>
+ = <u> </u>	+ = <u> </u>

3 Sombulula ezi ngxaki uze ubhale oonobumba abangezantsi ukuze ufumane amagama.

Solve the problems and write the letters below to find the words.

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

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

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

$7 + 4 = \underline{\quad}$ A

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

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

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

$4 + 5 = \underline{\quad}$ A

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

$3 + 5 = \underline{\quad}$ L

$6 + 7 = \underline{\quad}$ G

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

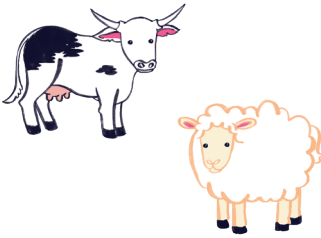
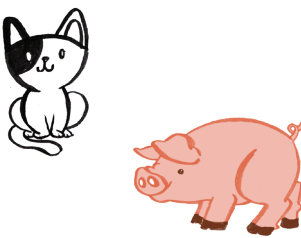
$7 + 8 = \underline{\quad}$ M

$1 + 6 = \underline{\quad}$ D

7	8	9	10	11	12	13	14	15	16	17	18	19	20

4 Zingaphi zizonke? Sombulula ezi ngxaki usebenzise izakhelo zamashumi.

How many altogether? Solve these problems using the ten frames.

iinkomo ezisi-8 8 cows iigusha ezisi-7 7 sheep 	 + =
iikati ezili-9 9 cats iihagu ezi-4 4 pigs 	 + =
Kukho amahashe ama-6 efama. Kukho iigusha ezi-5 efama. Zingaphi izilwanyana ezisefama? There are 6 horses on the farm. There are 5 sheep on the farm. How many animals on the farm?	 + =

Ukulungelelanisa idatha

Organising data

IZIBALO
ZENTLOKO
MENTAL MATHS

YENZA I-10 USEBENZISE
AMAKHADI AMACHOKOZA
MAKE 10 USING DOT CARDS

UMDLALO
GAME

UPHUHLISO
LWENGQIQQO
CONCEPT DEVELOPMENT

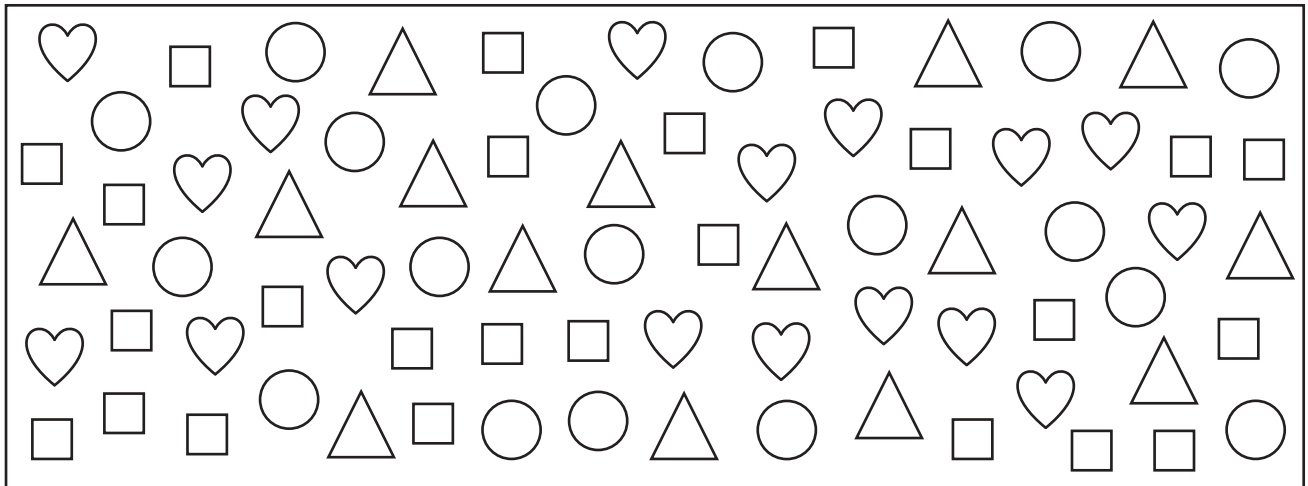
AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

1 Hlela ezi zinto uze uzobe umfanekiso.

Sort the items and make a drawing.

2 Faka umbala ze ubale. Zingaphi kwimilo nganye?

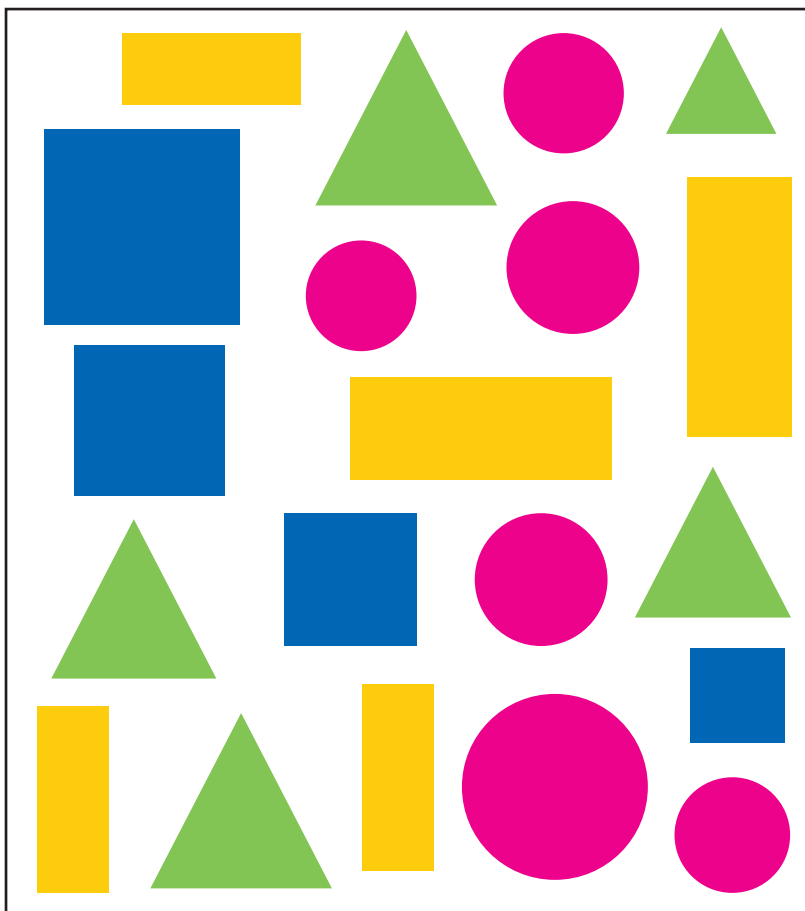
Colour and count. How many of each shape?



			
 15			

3 Jonga emfanekisweni. Bala iimilo.

Look at the picture. Count the shapes.



Zingaphi? How many?	
	
	
	
	

Ukulungelelanisa nokuphicotha idatha

Organising and analysing data

IZIBALO
ZENTLOKO
MENTAL MATHS

YENZA I-10 USEBENZISE
AMAKHADI AMACHOKOZA
MAKE 10 USING DOT CARDS

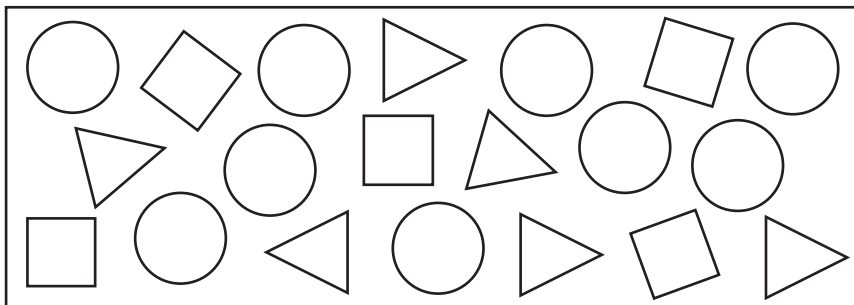
UMDLALO
GAME

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

1 Hlela iimilo uze
uzobe ezo nto
uzihlelileyo.

Sort the shapes and make
a drawing.



oonxantathu triangles	izangqa circles	izikwere squares

Bangaphi oonxantathu abakhoyo?

How many triangles are there?



Zingaphi izangqa ezikhoyo?

How many circles are there?

Zingaphi izikwere ezikhoyo?

How many squares are there?

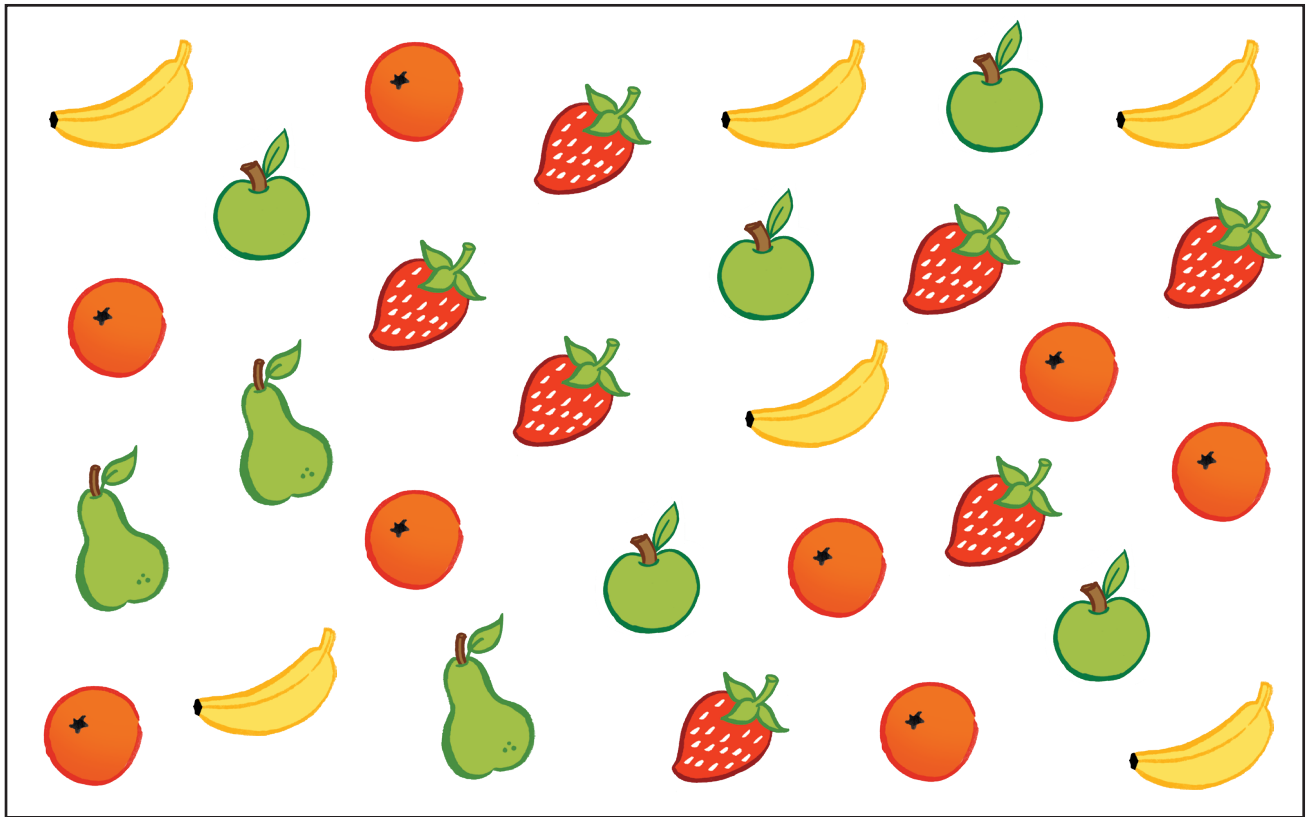
2 Jonga umfanekiso uze uphendule imibuzo.

Look at the picture and answer the questions.

	Zingaphi? How many?	
	izikwere squares	
	izangqa circles	
	oonxantathu triangles	
	iingxande rectangles	

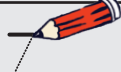
3 Hlela iziqhamo uze uphendule imibuzo.

Sort the fruit and then answer the questions.



Iziqhamo zethu esizithandayo

Our favourite fruit

Zeziphi iziqhamo ezithandwa kakhulu?

Which fruit is most popular?



Zeziphi iziqhamo ezingathandwa kakhulu?

Which fruit is least popular?

IZIBALO
ZENTLOKO
MENTAL MATHS

YENZA I-10 USEBENZISE
AMAKHADI AMACHOKOZA
MAKE 10 USING DOT CARDS

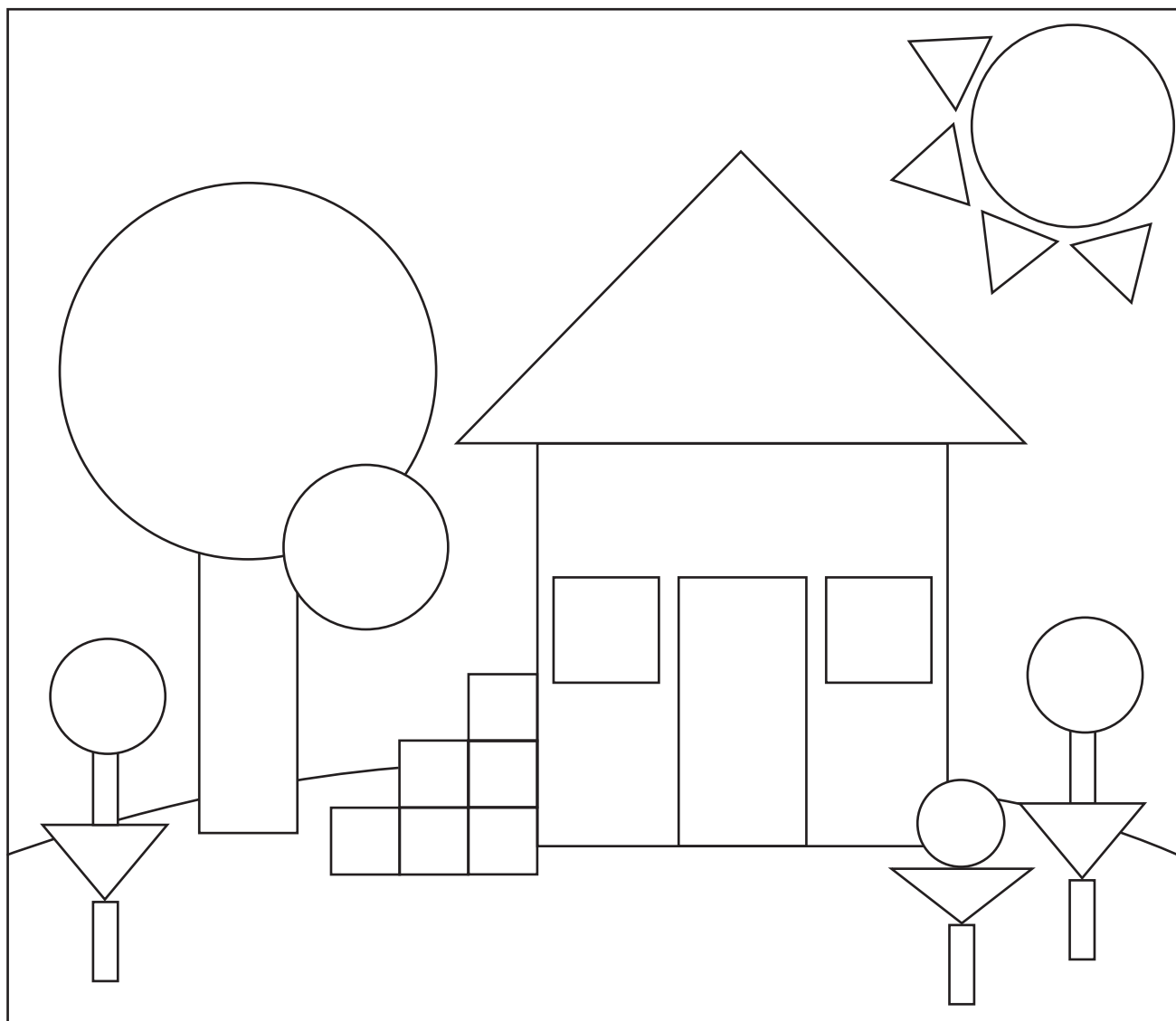
UMDLALO
GAME

UPHUHLISO
LWENGQIQQO
CONCEPT DEVELOPMENT

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

1 Jonga lo mfanekiso.

Look at the picture.



Bala ukuba zingaphi.

Count how many.

			
 izangqa circles	 izikwere squares	 iingxande rectangles	 oonxantathu triangles

2 Gqibezela le grafu yeendidi zeemilo ezikumbuzo wokuqala.

Complete the pictograph for the shapes in question 1.

Inani leemilo Number of shapes				
10				
9				
8				
7				
6				
5				
4				
3				
2				
1				
	 izangqa circles	 izikwere squares	 iingxande rectangles	 oonxantathu triangles

3 Phendula imibuzo.

Answer the questions.

Yeyiphi imilo evela kaninzi? Which shape appears most often?	
Yeyiphi imilo evela kambalwa? Which shape appears least often?	
Yeyiphi imilo engaphezulu ngezi-2 kune  ? Which shape has 2 more than the  ?	
Zingaphi  kunye noo-  zidibene? How many  and  are there altogether?	

IZIBALO
ZENTLOKO
MENTAL MATHS

YENZA I-10 USEBENZISE
AMAKHADI AMACHOKOZA
MAKE 10 USING DOT CARDS

UMDLALO
GAME

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

1

EyoMqungu January						
Ca Sun	Mv Mon	Lwesib Tues	Lwesith Wed	Lwesin Thur	Lwesihl Fri	Mgq Sat
		1 	2 	3 	4 	5 
6 	7 	8 	9 	10 	11 	12 
13 	14 	15 	16 	17 	18 	19 
20 	21 	22 	23 	24 	25 	26 
27 	28 	29 	30 	31 		

Bala iindidi zemozulu ze ubhale inani lazo.

Count the weather types and write how many.

				
 linemvula rainy	 linelanga sunny	 ligqagqene ngamafu partly cloudy	 lisibekele cloudy	 linomoya windy

2 Gqibezela le grafu yemifanekiso yeendidi zemozulu ekumbuzo wokuqala.

Complete the pictograph for the weather types in question 1.

12					
11					
10					
9					
8					
7					
6					
5					
4					
3					
2					
1					
	 linemvula rainy	 linelanga sunny	 ligqagqene ngamafu partly cloudy	 lisibekela cloudy	 linomoya windy

Phendula le mibuzo.

Answer the questions.

Bezingaphi iintsuku ezinelanga ngeyoMqungu? How many sunny days were there in January?	
Bezingaphi iintsuku ezinomoya ngeyoMqungu? How many windy days were there in January?	
Iintsuku ezininzi kweyoMqungu bezi_____ Most days in January were _____.	
Bezininzi kangakanani iintsuku ezinelanga kuneentsuku ezinemvula kweyoMqungu? How many more sunny days than rainy days were there in January?	

I Kwisikhululo seenqwelomoya

At the airport



Jonga umfanekiso. Zingaphi?

Look at the picture. How many?

		iiambulensi ambulances
		iimoto zamapolisa police cars
		iibhasi buses
		iitrakhi yemithwalo luggage trucks
		iihelikoptha helicopters
		iinqwelomoya aeroplanes

2 Fakela umbala kwiibloko usebenzise iinkcukacha.

Colour in the blocks using the data.

Kwisikhululo seenqwelomoya At the airport						
10						
9						
8						
7						
6						
5						
4						
3						
2						
1						
						

3 Phendula imibuzo.

Answer the questions.

Zingaphi iimoto ozibonayo? How many cars can you see?		
Zeziphi izithuthi ezivela kaninzi? Which vehicles appear most often?		
Zeziphi izithuthi ezivela kambalwa? Which vehicles appear least often?		
Zingaphi ii  nee  zidibene? How many and altogether?		
Zingaphi ii  nee  zidibene? How many and altogether?		

Ukuthabatha okuwelela ngaphaya kwe-10

Subtraction bridging 10

IZIBALO
ZENTLOKO
MENTAL MATHS

FIZZ POP -
UKUPHINDA KABINI
FIZZ POP - DOUBLING

UMDLALO
GAME

UPHULISO
LWENGQIQO
CONCEPT DEVELOPMENT

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS



1 Thabatha.

Subtract.



$$11 - 1 - 2 = \underline{\quad}$$

$$11 - 1 - 4 = \underline{\quad}$$

$$11 - 1 - 6 = \underline{\quad}$$

$$11 - 1 - 5 = \underline{\quad}$$

$$11 - 1 - 7 = \underline{\quad}$$

$$12 - 2 - 3 = \underline{\quad}$$

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

$$12 - 2 - 4 = \underline{\quad}$$

$$12 - 2 - 6 = \underline{\quad}$$

$$12 - 2 - 5 = \underline{\quad}$$

2 Thabatha kwi-11.

Subtract from 11.

$11 - 2 = \underline{\quad}$	$11 - 4 = \underline{\quad}$
$11 - 3 = \underline{\quad}$	$11 - 5 = \underline{\quad}$
$11 - 7 = \underline{\quad}$	$11 - 6 = \underline{\quad}$
$11 - 8 = \underline{\quad}$	$11 - 9 = \underline{\quad}$



3 Thabatha.

Subtract.



$$13 - 3 - 3 = 7$$

$$14 - 4 - 2 = \underline{\quad}$$

$$13 - 3 - 6 = \underline{\quad}$$

$$13 - 3 - 2 = \underline{\quad}$$

$$14 - 4 - 3 = \underline{\quad}$$

$$13 - 3 - 5 = \underline{\quad}$$

$$13 - 3 - 4 = \underline{\quad}$$

$$14 - 4 - 1 = \underline{\quad}$$

$$14 - 4 - 5 = \underline{\quad}$$

4 Thabatha kwi-13.

Subtract from 13.

$13 - 4 = \underline{\quad}$	$13 - 6 = \underline{\quad}$
$13 - 5 = \underline{\quad}$	$13 - 7 = \underline{\quad}$
$13 - 9 = \underline{\quad}$	$13 - 8 = \underline{\quad}$

5 Thabatha kwi-14.

Subtract from 14.

$14 - 8 = \underline{\quad}$	$14 - 7 = \underline{\quad}$
$14 - 6 = \underline{\quad}$	$14 - 5 = \underline{\quad}$
$14 - 10 = \underline{\quad}$	$14 - 9 = \underline{\quad}$

Ukuthabatha u-9

Subtracting 9

IZIBALO
ZENTLOKO
MENTAL MATHS

FIZZ POP -
UKUPHINDA KABINI
FIZZ POP - DOUBLING

UMDLALO
GAME

UPHULISO
LWENGQIQO
CONCEPT DEVELOPMENT

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

1 Thabatha.
Subtract.



Uqaphela ntoni xa
uthabatha isi-9?
What do you notice
when you subtract 9?

 $15 - 9 = \underline{\quad}$	 $15 - 9 = \underline{\quad}$
 $17 - 9 = \underline{\quad}$	 $17 - 9 = \underline{\quad}$
 $11 - 9 = \underline{\quad}$	 $11 - 9 = \underline{\quad}$
 $13 - 9 = \underline{\quad}$	 $13 - 9 = \underline{\quad}$
 $16 - 9 = \underline{\quad}$	 $16 - 9 = \underline{\quad}$
 $12 - 9 = \underline{\quad}$	 $12 - 9 = \underline{\quad}$
 $14 - 9 = \underline{\quad}$	 $14 - 9 = \underline{\quad}$

2 Sombulula uze ufakele umbala kwisiphumo.

Solve and colour the answer.

$$17 - 9 = \underline{8} \quad \text{●}$$

$$20 - 7 = \underline{13} \quad \text{●}$$

$$18 - 9 = \underline{\quad} \quad \text{●}$$

$$14 - 9 = \underline{\quad} \quad \text{●}$$

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

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

$$16 - 9 = \underline{\quad} \quad \text{●}$$

$$20 - 9 = \underline{\quad} \quad \text{●}$$

$$11 - 8 = \underline{\quad} \quad \text{●}$$

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

$$20 - 8 = \underline{\quad} \quad \text{●}$$

$$11 - 9 = \underline{\quad} \quad \text{●}$$



3 Thabatha.

Subtract.



$$13 - 5 = \underline{8} \quad \text{●}$$

$$15 - 7 = \underline{\quad}$$

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

$$14 - 7 = \underline{\quad}$$

$$14 - 6 = \underline{\quad}$$

$$13 - 6 = \underline{\quad}$$

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

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

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

$$15 - 6 = \underline{\quad}$$

$$15 - 8 = \underline{\quad}$$

$$15 - 9 = \underline{\quad}$$

$$13 - 7 = \underline{\quad}$$

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

$$14 - 9 = \underline{\quad}$$

4 Fakela amanani ashayiweyo ukuze usombulule ezi ngxaki.

Fill in the missing numbers to solve these problems.

$12 - 9 = \underline{3} \quad \text{●}$	$15 - \underline{\quad} = 9$	$16 - 9 = \underline{\quad}$
$14 - \underline{5} \quad \text{●} = 9$	$11 - 9 = \underline{\quad}$	$18 - \underline{\quad} = 9$
$17 - 9 = \underline{\quad}$	$13 - \underline{\quad} = 9$	$12 - \underline{\quad} = 9$

Thabatha u-8 no-7

Subtracting 8 and 7

IZIBALO
ZENTLOKO
MENTAL MATHS

FIZZ POP -
UKUPHINDA KABINI
FIZZ POP - DOUBLING

UMDLALO
GAME

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

1 Thabatha.
Subtract.



Uqaphela ntoni xa
uthabatha isi-8?
What do you notice
when you subtract 8?

$14 - 8 = \underline{\quad}$	$14 - 8 = \underline{\quad}$
$17 - 8 = \underline{\quad}$	$17 - 8 = \underline{\quad}$
$11 - 8 = \underline{\quad}$	$11 - 8 = \underline{\quad}$
$13 - 8 = \underline{\quad}$	$13 - 8 = \underline{\quad}$
$16 - 8 = \underline{\quad}$	$16 - 8 = \underline{\quad}$
$12 - 8 = \underline{\quad}$	$12 - 8 = \underline{\quad}$
$15 - 8 = \underline{\quad}$	$15 - 8 = \underline{\quad}$

2 Thabatha.

Subtract.



Uqaphela ntoni xa uthabatha isi-7?
What do you notice when you subtract 7?

 $15 - 7 = \underline{\quad}$	 $15 - 7 = \underline{\quad}$
 $17 - 7 = \underline{\quad}$	 $17 - 7 = \underline{\quad}$
 $11 - 7 = \underline{\quad}$	 $11 - 7 = \underline{\quad}$
 $13 - 7 = \underline{\quad}$	 $13 - 7 = \underline{\quad}$
 $16 - 7 = \underline{\quad}$	 $16 - 7 = \underline{\quad}$
 $12 - 7 = \underline{\quad}$	 $12 - 7 = \underline{\quad}$
 $14 - 7 = \underline{\quad}$	 $14 - 7 = \underline{\quad}$

IZIBALO
ZENTLOKO
MENTAL MATHS

FIZZ POP -
UKUPHINDA KABINI
FIZZ POP - DOUBLING

UMDLALO
GAME

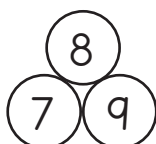
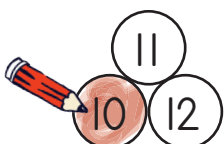
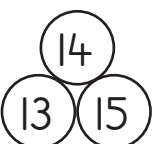
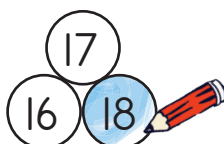
UPHULISO
LWENGQIQO
CONCEPT DEVELOPMENT

IPHEPHA
LOKUSEBENZELA
WORKSHEET

1 Sombulula uze ufakele imibala ukuze ufumane ipatheni.

Solve and colour to find the pattern.

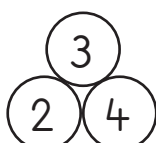
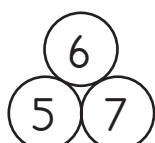
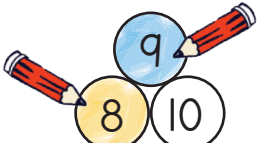
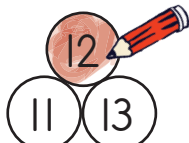
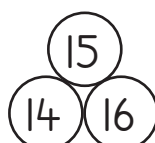
$9 + 9 = \underline{18}$ 		$5 + 5 = \underline{10}$ 	
$4 + 4 = \underline{\quad}$		$4 + 5 = \underline{\quad}$	
$7 + 7 = \underline{\quad}$		$5 + 6 = \underline{\quad}$	
$6 + 6 = \underline{\quad}$		$8 + 8 = \underline{\quad}$	
$9 + 8 = \underline{\quad}$		$3 + 4 = \underline{\quad}$	
$8 + 7 = \underline{\quad}$		$7 + 6 = \underline{\quad}$	

			
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2 Sombulula uze ufakele imibala ukuze ufumane ipatheni.

Solve and colour to find the pattern.

$11 - 3 = \underline{8}$ 		$13 - 4 = \underline{9}$ 		$9 + 3 = \underline{12}$ 	
$11 - 6 = \underline{\quad}$		$11 - 9 = \underline{\quad}$		$8 + 5 = \underline{\quad}$	
$11 - 8 = \underline{\quad}$		$14 - 7 = \underline{\quad}$		$7 + 9 = \underline{\quad}$	
$12 - 6 = \underline{\quad}$		$15 - 5 = \underline{\quad}$		$7 + 8 = \underline{\quad}$	
$12 - 8 = \underline{\quad}$		$20 - 9 = \underline{\quad}$		$6 + 8 = \underline{\quad}$	

				
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Umdlalo: Gquma iidiliya Game: Cover the grapes

Phosa idayisi uze udibanise.
Khangela idiliya enempendulo
onayo. Ungayigquma idiliya.

Roll the dice and add. Find a grape with the
answer you got. You can cover that grape.

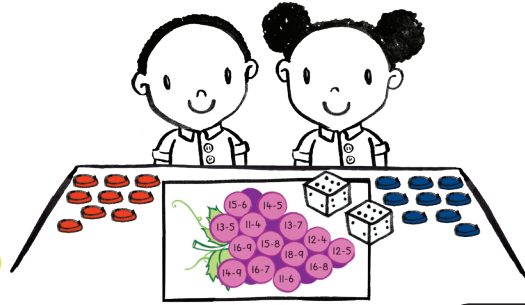
Ndingayigquma
idiliya!

$$4 + 2 = 6$$

I can cover
a grape!

2

1

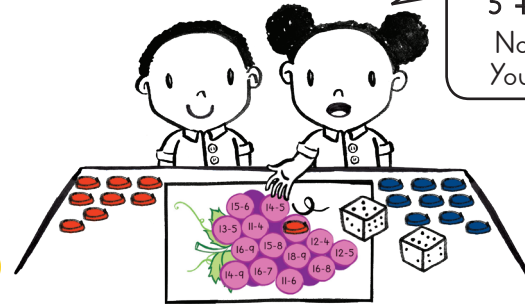


Kubi! Lithuba
lakho.

$$5 + 6 = 11$$

No good!
Your turn.

3



Emva
kwamatyeli
aliqela:

After a
few more
turns:

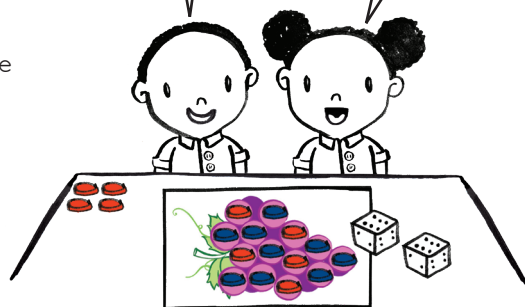
Uphumelele!

You win!

Ndifumene u-9 wena
ufumene u-5.

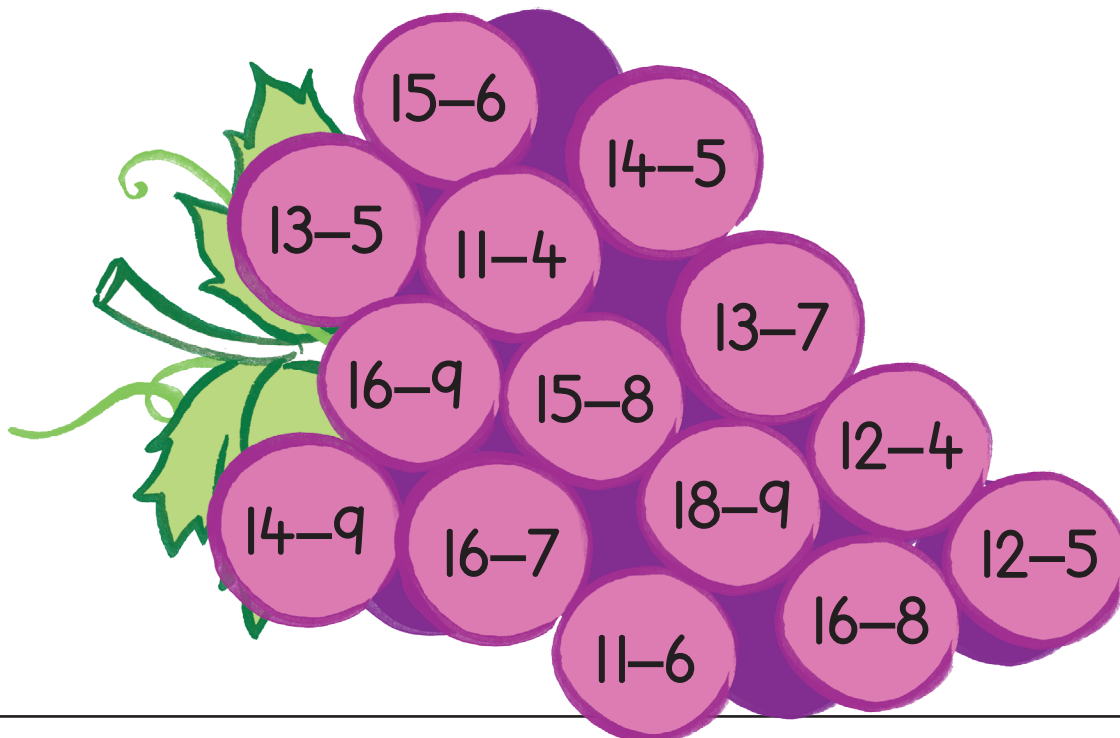
I got 9 and you got 5.

4



Umntu ogquma iidiliya
ezininzi ebhodini nguye
ophumelelayo.

The person who covers the most grapes
on the board wins.



- 1 Thabatha usebenzise isakhelo seshumi nomgcamanani.
Subtract using the ten frame and number line.

$15 - 7 =$

$16 - 9 =$

$15 - 8 =$

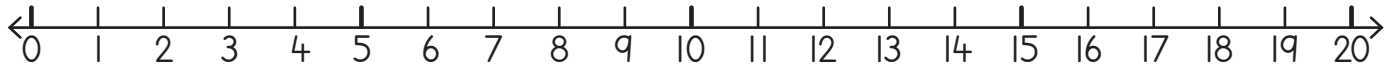
$17 - 9 =$

- 2 Bhala amanani angekhoyo ukuze usombulule ezi ngxaki.
Fill in the missing numbers to solve these problems.

$14 - 7 =$	$11 - 7 =$	$15 - = 7$
$12 - = 7$	$18 - = 7$	$16 - 7 =$
$13 - 7 =$	$17 - = 7$	$20 - 7 =$

3 Thabatha usebenzise nokuba yeyiphi indlela.

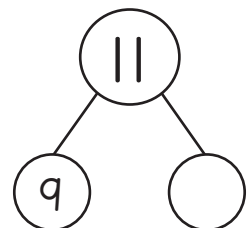
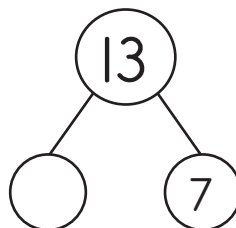
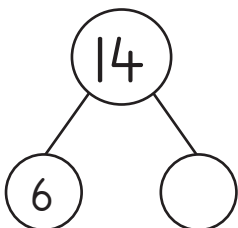
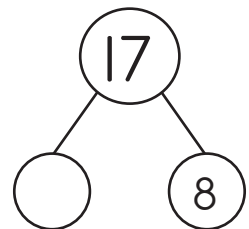
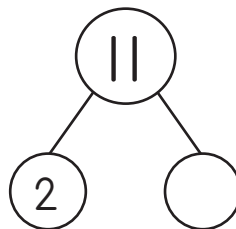
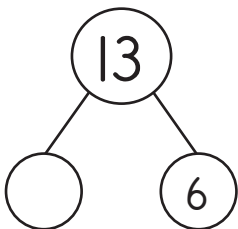
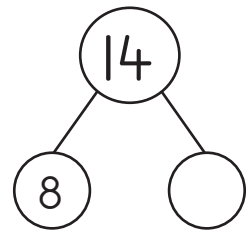
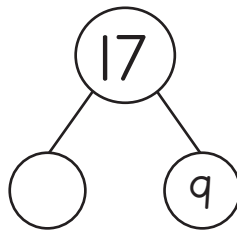
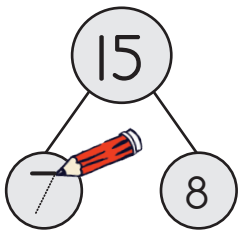
Subtract using any method.



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

4 Zalisa izangqa ezingenanto.

Fill the empty circles.



Ukuthabatha okuwelela ngaphaya kwe-10

Subtraction bridging 10

IZIBALO
ZENTLOKO
MENTAL MATHS

UMDLALO
OTHI SALUTA
SALUTE GAME

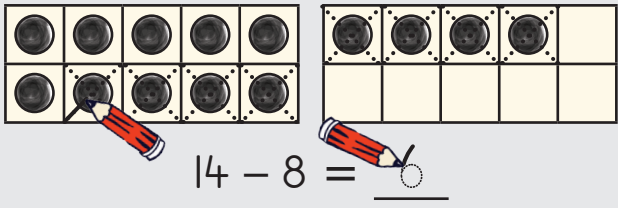
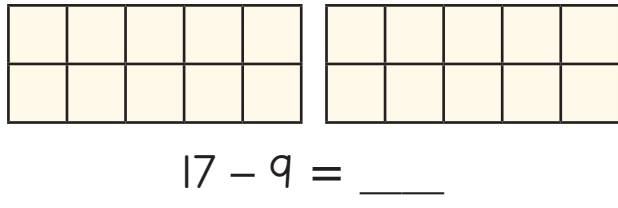
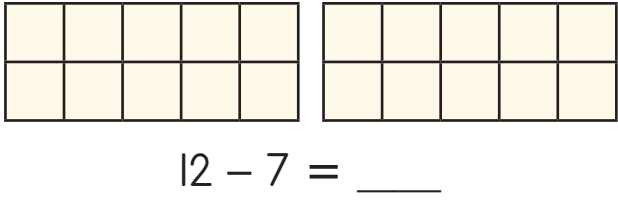
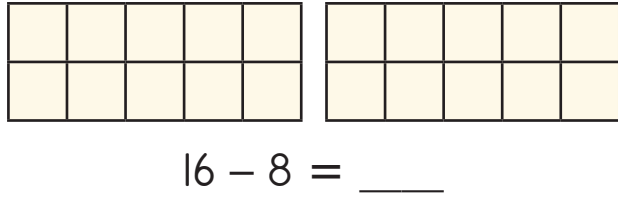
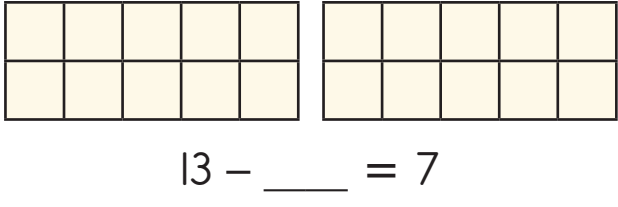
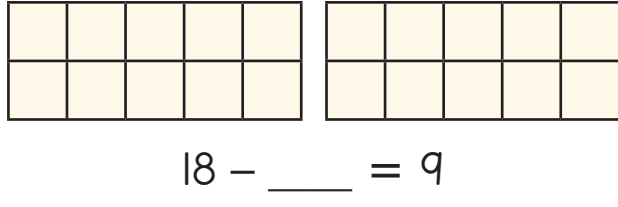
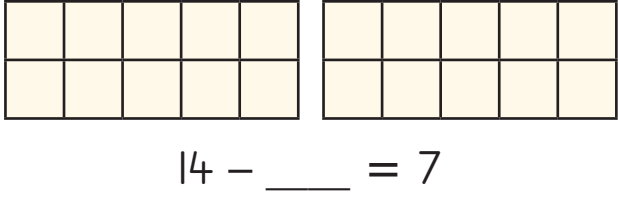
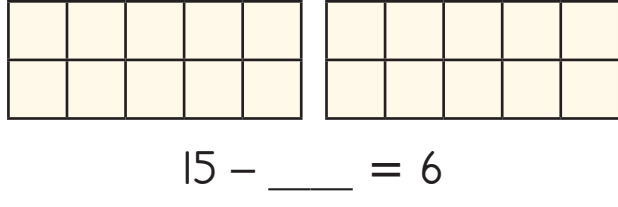
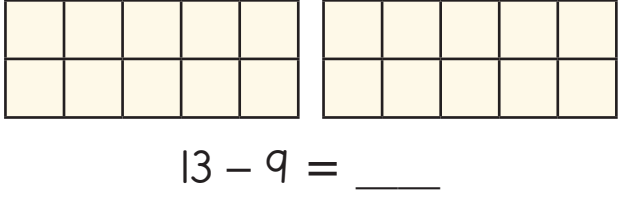
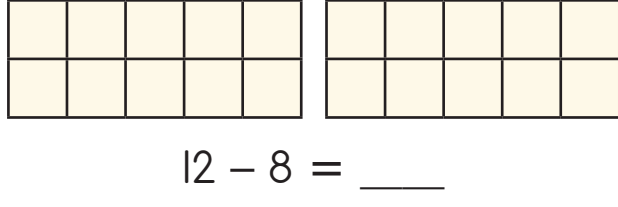
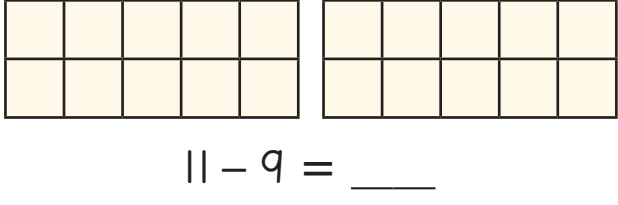
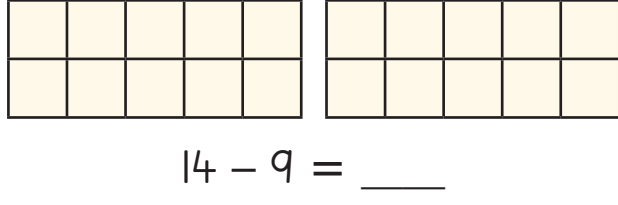
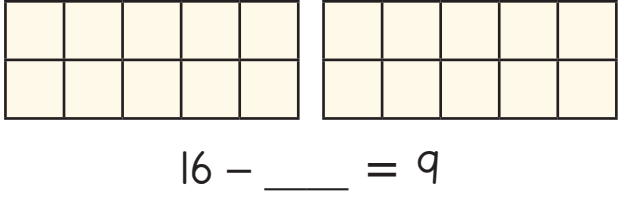
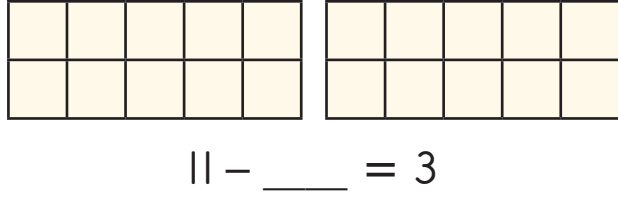
UMDLALO
GAME

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

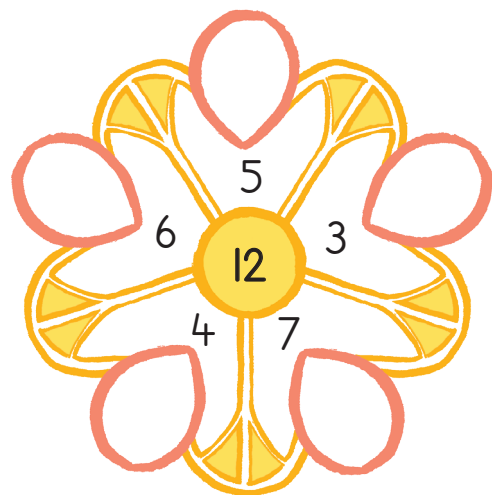
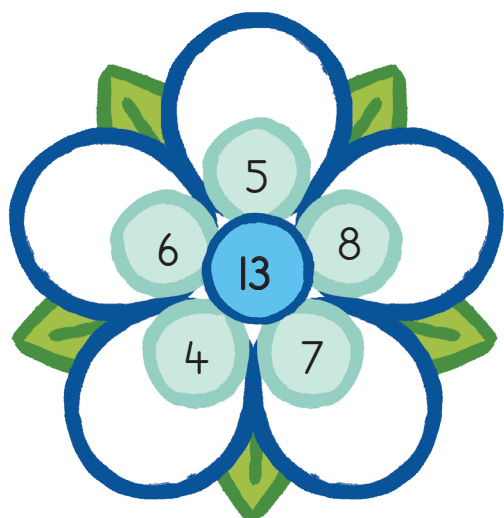
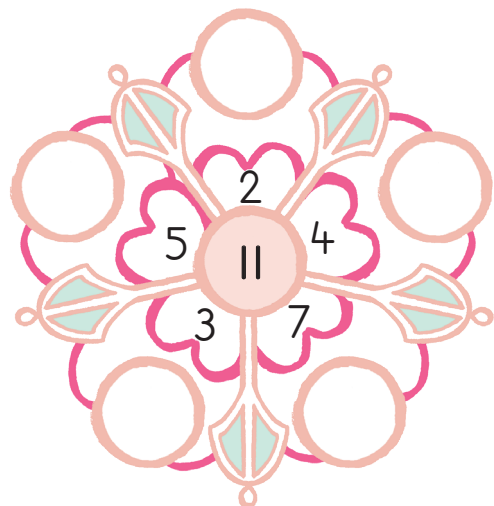
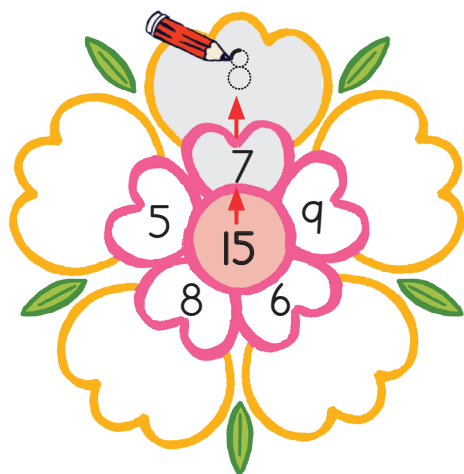
1 Thabatha.

Subtract.

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

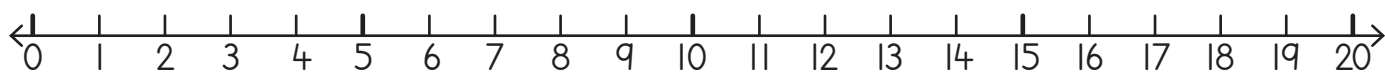
2 Thabatha.

Subtract.



3 Thabatha.

Subtract.



$$18 - 7 = \underline{\quad}$$

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

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

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

$$13 - 6 = \underline{\quad}$$

$$15 - 6 = \underline{\quad}$$

$$15 - 8 = \underline{\quad}$$

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

$$13 - 7 = \underline{\quad}$$

$$14 - 6 = \underline{\quad}$$

$$14 - 7 = \underline{\quad}$$

$$11 - 8 = \underline{\quad}$$

Ukuthabatha okuwelela ngaphaya kwe-10

Subtraction bridging 10

IZIBALO
ZENTLOKO
MENTAL MATHS

UMDLALO
OTHI SALUTA
SALUTE GAME

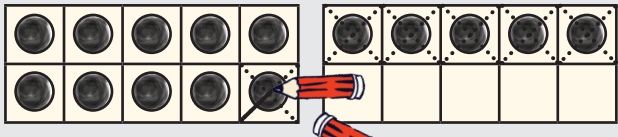
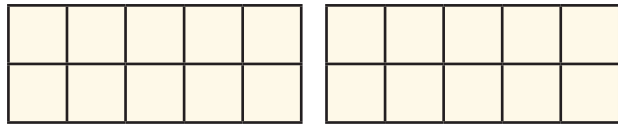
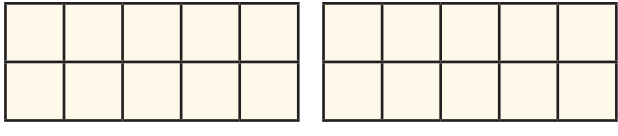
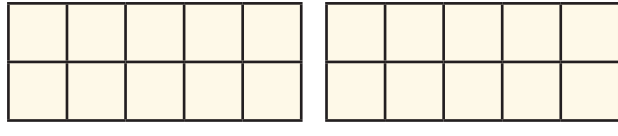
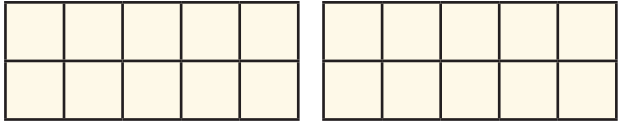
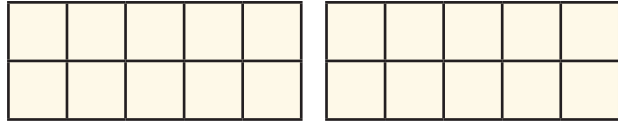
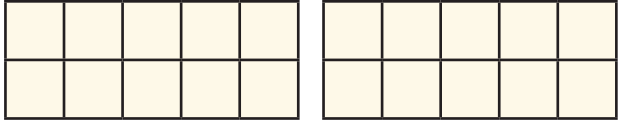
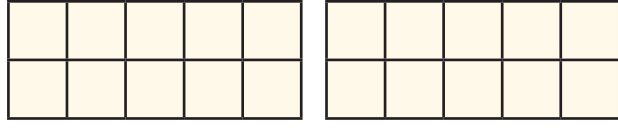
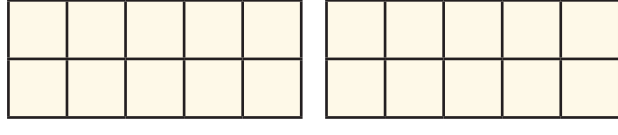
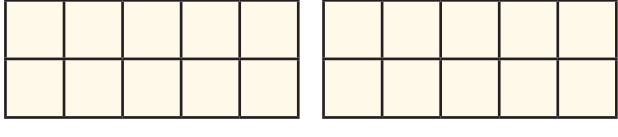
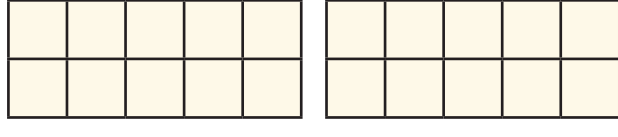
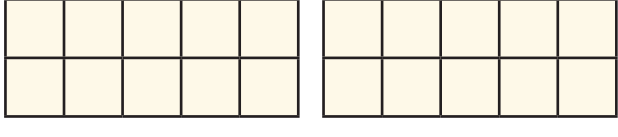
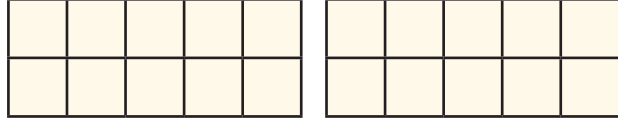
UMDLALO
GAME

UPHULISO
LWENGQIQO
CONCEPT DEVELOPMENT

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

1 Thabatha.

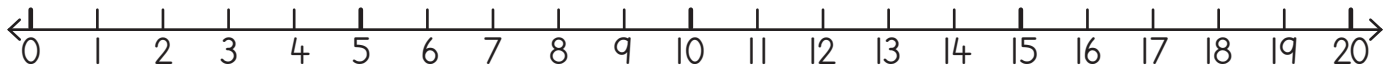
Subtract.

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



2 Thabatha.

Subtract.



$$11 - 9 = \underline{2}$$

$$11 - 5 = \underline{\quad}$$

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

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

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

$$15 - 9 = \underline{\quad}$$

$$15 - 7 = \underline{\quad}$$

$$14 - 7 = \underline{\quad}$$

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

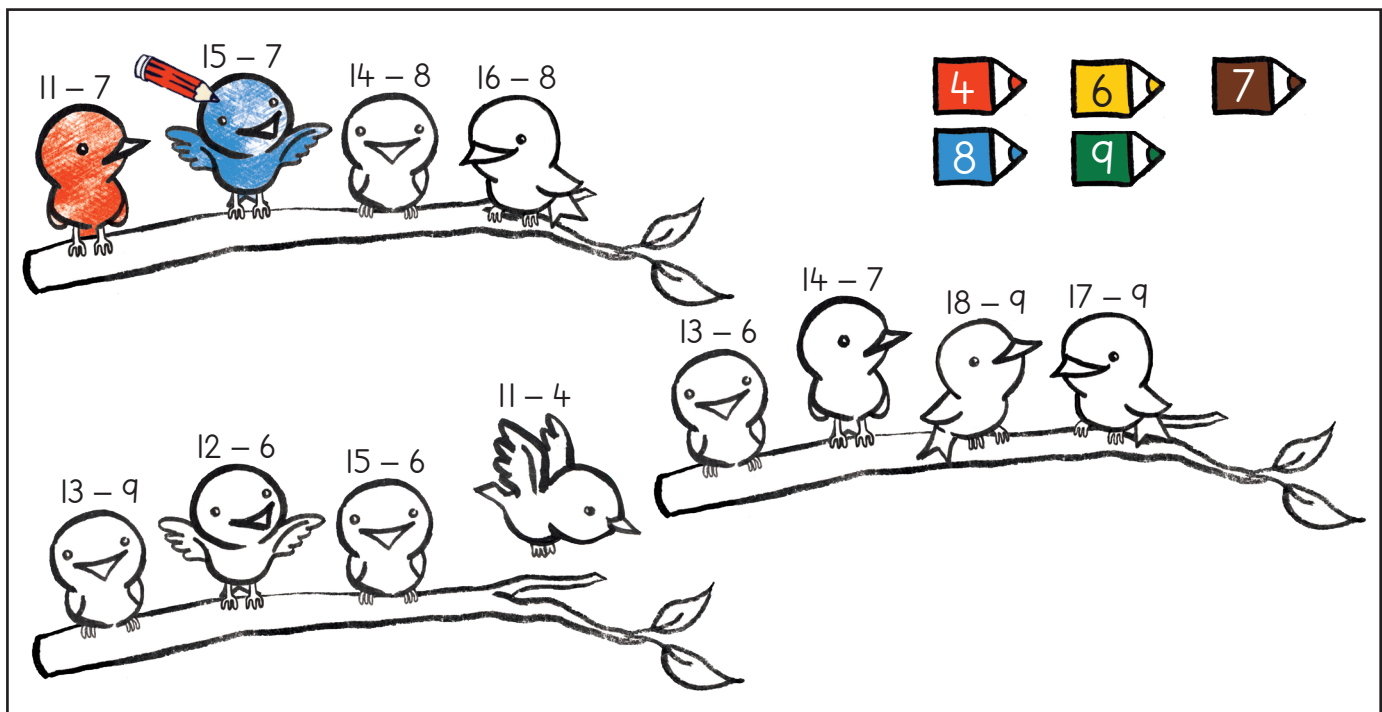
$$13 - 6 = \underline{\quad}$$

$$15 - 8 = \underline{\quad}$$

$$14 - 9 = \underline{\quad}$$

3 Thabatha uze ufakele imibala.

Subtract and colour.



Fumana inani elishiyiweyo

Find the missing number

IZIBALO
ZENTLOKO
MENTAL MATHS

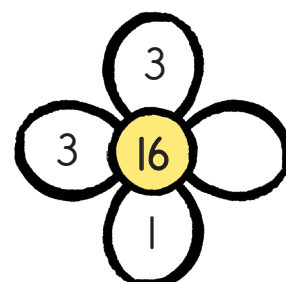
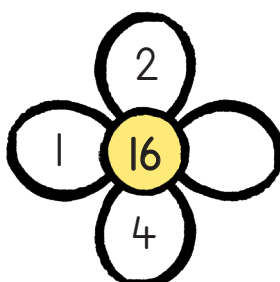
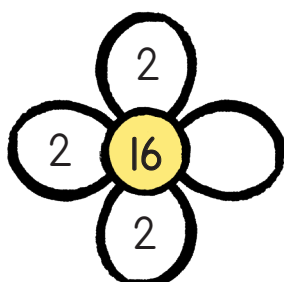
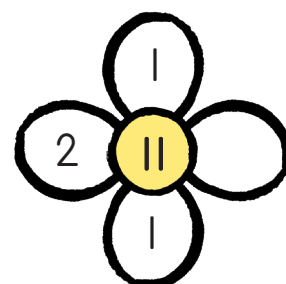
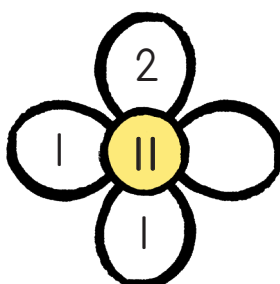
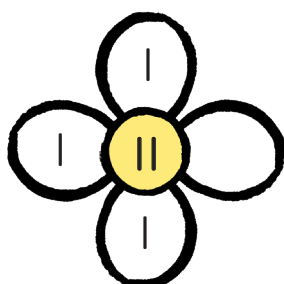
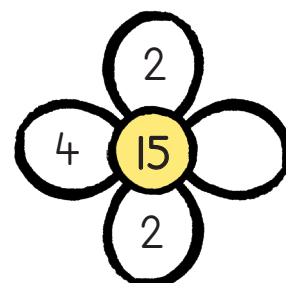
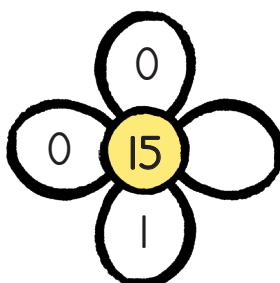
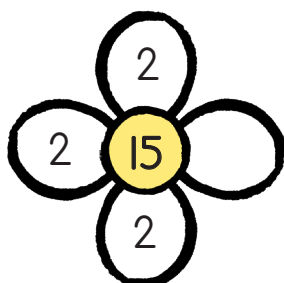
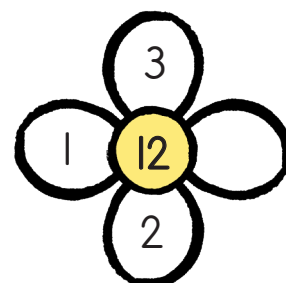
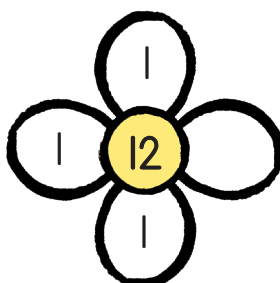
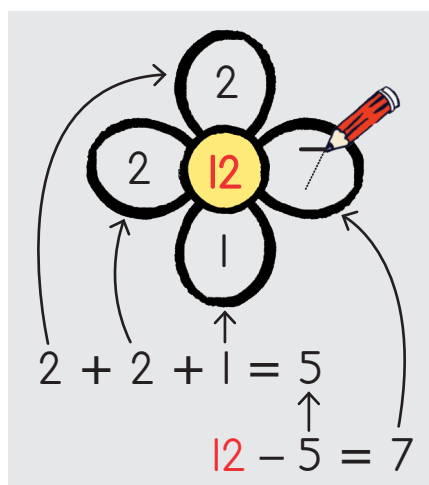
UMDLALO
OTHI SALUTA
SALUTE GAME

UMDLALO
GAME

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

1 Fumana inani elingekhoyo.
Find the missing number.



2 Fumana inani elingekhoyo.

Find the missing number.

 $11 - \underline{\quad} = 7$	$15 - \underline{\quad} = 7$
 $\underline{\quad} - 6 = 8$	$\underline{\quad} - 4 = 8$
$13 - \underline{\quad} = 9$	$14 - \underline{\quad} = 7$
$\underline{\quad} - 9 = 6$	$\underline{\quad} - 8 = 9$

3 Sombulula uze ufakele imibala.

Solve and colour.

 $\underline{12} - 7 = 5$		 $\underline{11} - 6 = 5$	
$17 - 8 = \underline{\quad}$		$\underline{\quad} - 7 = 7$	
$\underline{\quad} - 9 = 9$		$16 - 6 = \underline{\quad}$	
$\underline{\quad} - 7 = 8$		$\underline{\quad} - 8 = 5$	
$14 - 6 = \underline{\quad}$		$15 - 8 = \underline{\quad}$	
$\underline{\quad} - 9 = 8$		$\underline{\quad} - 9 = 7$	

7	8	9	10	11	12	13	14	15	16	17	18
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Ukuthabatha okuwelela ngaphaya kwe-10

Subtraction bridging 10

IZIBALO
ZENTLOKO
MENTAL MATHS

UMDLALO
OTHI SALUTA
SALUTE GAME

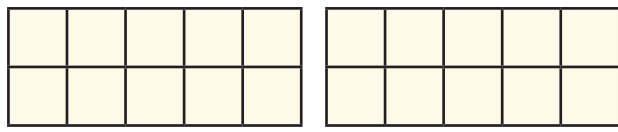
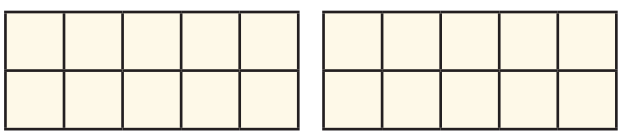
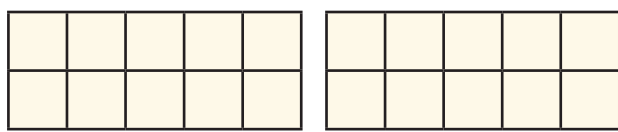
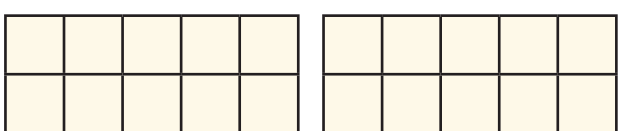
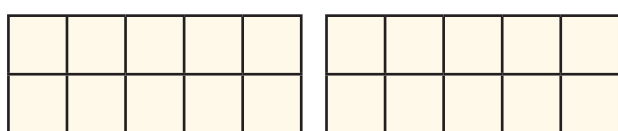
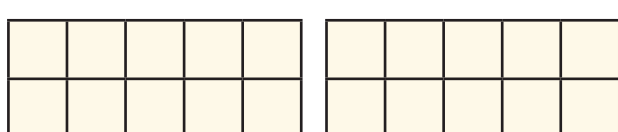
UMDLALO
GAME

UPHULISO
LWENGQIQO
CONCEPT DEVELOPMENT

IPHEPHA
LOKUSEBENZELA
WORKSHEET

1 Thabatha.

Subtract.

 $11 - 5 = \underline{\quad}$	 $14 - 9 = \underline{\quad}$
 $12 - 8 = \underline{\quad}$	 $13 - 5 = \underline{\quad}$
 $14 - \underline{\quad} = 8$	 $16 - \underline{\quad} = 8$
 $15 - \underline{\quad} = 8$	 $17 - \underline{\quad} = 9$

2 Fakela amanani ashinyiweyo.

Fill in the missing numbers.

16	
	9

14	
7	

13	
	5

15	
8	

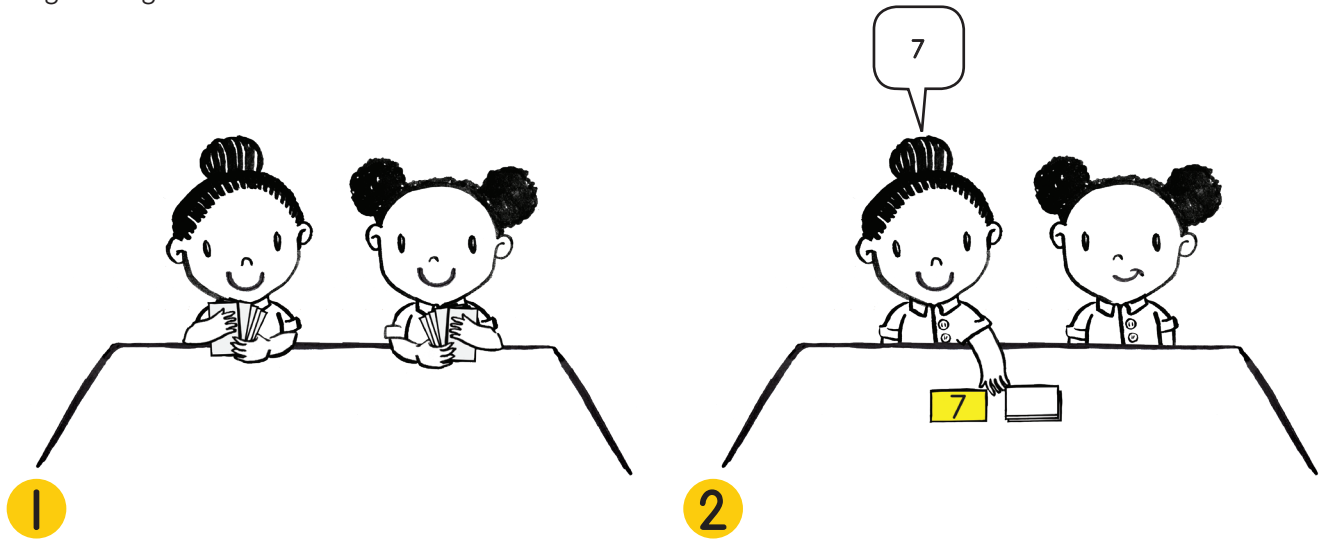
11	
	6

17	
9	

Umdlalo: Yenza inani lam!
Game: Make my number!

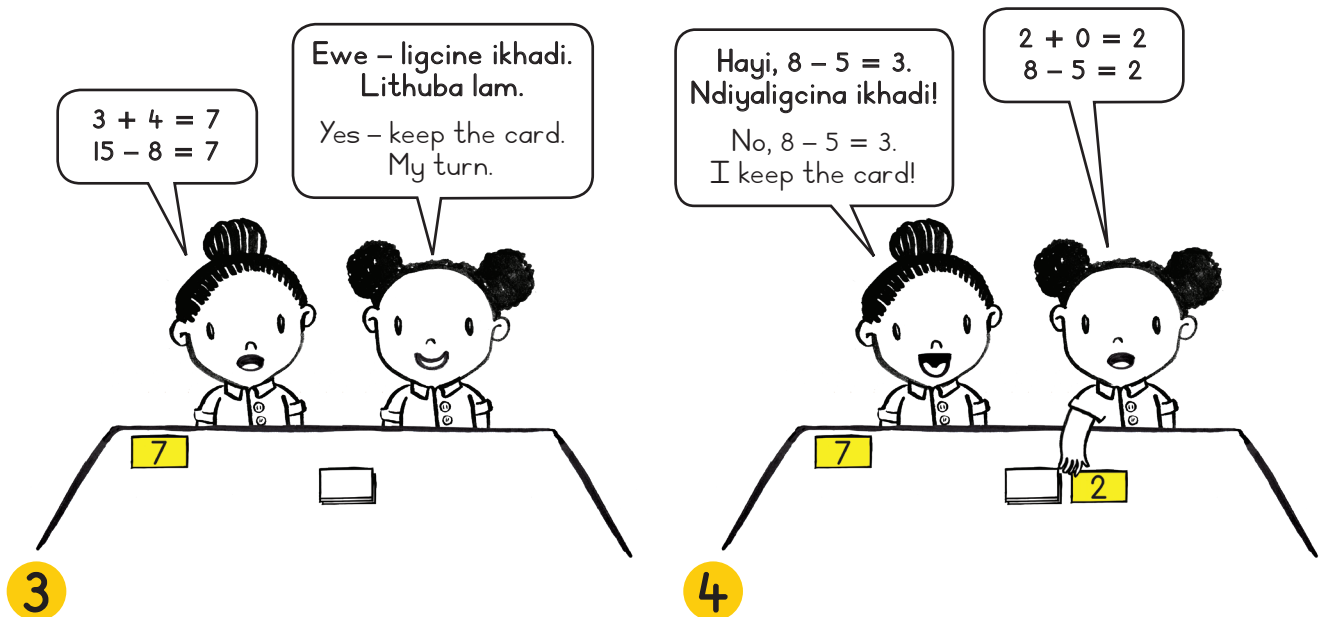
Dlalani ngamakhadi enu amanani 0–10.

Play with your 0–10 number cards.



Xa uthathe ikhadi, yenza isivakalisi manani sokudibanisa nesinye isivakalisi sokuthabatha esilingana nenani elikwikhadi lakho.

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



Qhuba ade asetyenziswe onke amakhadi. Umdlali onamakhadi amaninzi nguye ophumeleleyo.

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

I Thabatha.
Subtract.

$$17 - 8 = \underline{\quad}$$

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

$$13 - 7 = \underline{\quad}$$

$$15 - \underline{\quad} = 7$$

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

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

$$11 - \underline{\quad} = 2$$

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

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

$$15 - 9 = \underline{\quad}$$

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

$$16 - 8 = \underline{\quad}$$

2 Bhala amanani ashinyiweyo.

Fill in the missing numbers.

8	
3	

10	
	4

7	
2	

12	
	9

16	
8	

13	
7	

14	
9	

15	
	6

11	
9	

17	
8	

18	
9	

19	
	10

3 Gqibezela ukuze wenze inani elingasentla.

Complete to match the number at the top.

12
3 + ____
2 + ____
4 + ____
____ + 10
____ + 6
____ + 4

14
4 + ____
5 + ____
3 + ____
____ + 7
____ + 9
____ + 6

17
9 + ____
8 + ____
7 + ____
____ + 7
____ + 8
____ + 9

IZIBALO
ZENTLOKO
MENTAL MATHS

UMDLALO
WOKUPHINDA KABINI
DOUBLE GAME

UMDLALO
GAME

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

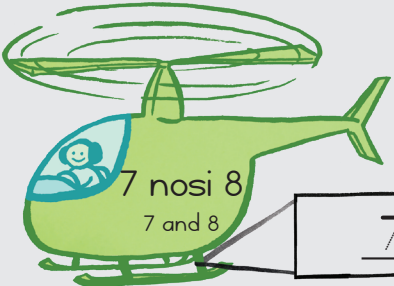
1 Mangaphi amaso asalayo ukuba ndisusa ____?

How many beads are left if I take away ____?

  $17 - 9 = 8$		 $___ - ___ = ___$	
 $___ - ___ = ___$		 $___ - ___ = ___$	
 $___ - ___ = ___$		 $___ - ___ = ___$	

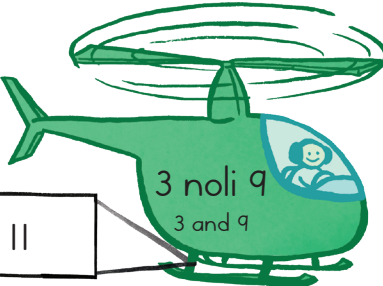
2 Gqibezela isivakalisi manani.

Complete the number sentences.



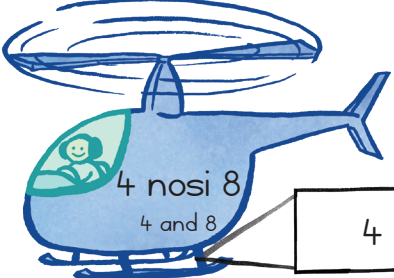
7 nosi 8
7 and 8

$___ + 8 = 15$



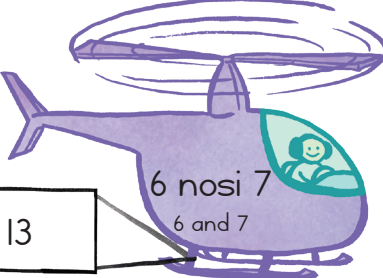
3 noli 9
3 and 9

$___ + 9 = 11$



4 nosi 8
4 and 8

$4 + 8 = ___$

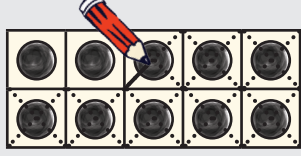
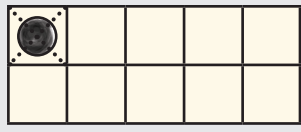
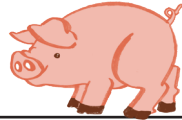
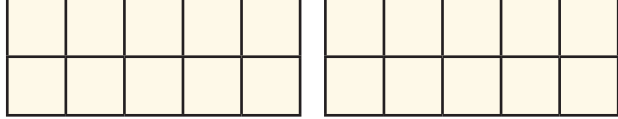
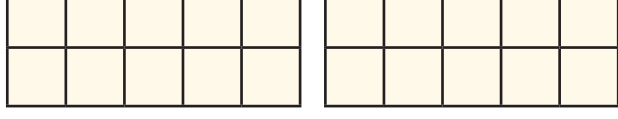
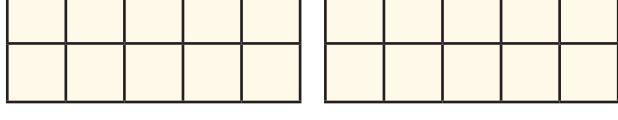


6 nosi 7
6 and 7

$___ + 7 = 13$

3 Sombulula.

Solve.

Kukho iigusha ezili-11. Ezi-9 zibaleke zemka. Zingaphi iigusha ezishiyekelelo? There are 11 sheep. 9 of them run away. How many sheep are left? 	   $\underline{\quad} - \underline{9} = \underline{2}$
Kukho iinkomo ezili-12. Ezi-5 ziyokusengwa eshedini. Zingaphi iinkomo ezishiyekelelo? There are 12 cows. 5 go to the milking shed. How many cows are left? 	 $\underline{\quad} - \underline{\quad} = \underline{\quad}$
Kukho iihagu ezili-16. Ezi-7 ziyokudlala edakeni. Zingaphi iihagu ezishiyekelelo? There are 16 pigs. 7 go to play in the mud. How many pigs are left? 	 $\underline{\quad} - \underline{\quad} = \underline{\quad}$
Kukho amahashe ali-14. Asi-8 aye edlelweni. Mangaphi amahashe ashiyekelelo? There are 14 horses. 8 go to the field. How many horses are left? 	 $\underline{\quad} - \underline{\quad} = \underline{\quad}$
Kukho iikati ezili-17. Ezi-9 zibalekile. Zingaphi iikati ezishiyekelelo. There are 17 cats. 9 cats run away. How many cats are left? 	 $\underline{\quad} - \underline{\quad} = \underline{\quad}$
Kukho izinja ezili-15. Izinja ezi-8 zibalekile. Zingaphi izinja ezishiyekelelo. There are 15 dogs. 8 dogs run away. How many dogs are left? 	 $\underline{\quad} - \underline{\quad} = \underline{\quad}$

Amabali okuthabatha

Subtraction stories

IZIBALO
ZENTLOKO
MENTAL MATHS

UMDLALO
WOKUPHINDA KABINI
DOUBLE GAME

UMDLALO
GAME

UPHUHLISO
LWENGQIYO
CONCEPT DEVELOPMENT

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

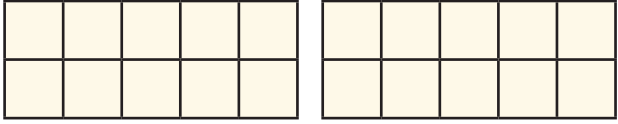
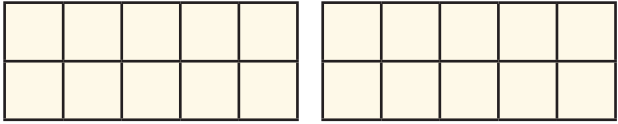
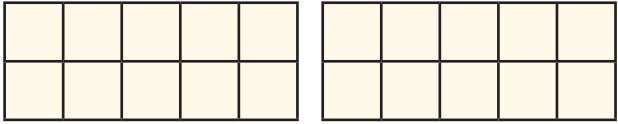
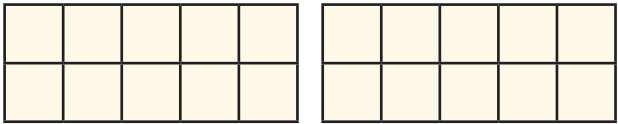
I Balisela iqabane lakho ibali lokuthabatha ngalo mfanekiso uze ubhale isivakalisi manani.

Tell a subtraction story to your partner about the picture then write the number sentence.

	Isivakalisi manani Number sentence
 Yintoni umahluko phakathi kwenani lamapetyu abomvu nelamapetyu azuba. What is the difference between the number of red marbles and blue marbles?	 $13 - 6 = 7$
	$\underline{\quad} - \underline{\quad} = \underline{\quad}$
	$\underline{\quad} - \underline{\quad} = \underline{\quad}$
	$\underline{\quad} - \underline{\quad} = \underline{\quad}$
	$\underline{\quad} - \underline{\quad} = \underline{\quad}$
	$\underline{\quad} - \underline{\quad} = \underline{\quad}$

2 Sombulula iingxaki zamagama usebenzise izakhelo zamashumi.

Solve the word problems using the ten frames.

Kukho izitoki ezili-12. Ezi-6 zityiwe. Zingaphi izitoki ezishiyekileyo? There are 12 suckers. 6 are eaten. How many suckers are left? 	  $12 - 6 = 6$
Kukho izitoki ezili-14. Ezi-9 zityiwe. Zingaphi izitoki ezishiyekileyo? There are 14 suckers. 9 are eaten. How many suckers are left? 	 $\underline{\quad} - \underline{\quad} = \underline{\quad}$
Kukho ama-apile ali-17. Asi-8 atyiwe. Mangaphi ama-apile ashiyekileyo? There are 17 apples. 8 are eaten. How many apples are left? 	 $\underline{\quad} - \underline{\quad} = \underline{\quad}$
Kukho iibhaluni ezili-11. Ezi-7 zibhabhile. Zingaphi iibhaluni ezishiyekileyo? There are 11 balloons. 7 float away. How many balloons are left? 	 $\underline{\quad} - \underline{\quad} = \underline{\quad}$
Kukho iintyatyambo ezili-16. Ezi-7 kuphiswe ngazo. Zingaphi iintyatyambo ezishiyekileyo? There are 16 flowers. 7 are given away. How many flowers are left? 	 $\underline{\quad} - \underline{\quad} = \underline{\quad}$

Izivakalisi manani

Number sentences

IZIBALO
ZENTLOKO
MENTAL MATHS

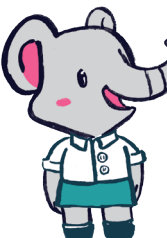
UMDLALO
WOKUPHINDA KABINI
DOUBLE GAME

UMDLALO
GAME

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

- 1 Bhala izivakalisi manani ezine kwitheyibhile yebhondi nganye.
Write four number sentences for each bond table.

 <table border="1" data-bbox="372 578 602 747"> <tr> <td colspan="2">15</td> </tr> <tr> <td>6</td> <td>9</td> </tr> </table>	15		6	9	 $6 + 9 = 15$ $9 + 6 = 15$	 $15 - 6 = 9$ $15 - 9 = 6$
15						
6	9					
 <table border="1" data-bbox="372 847 602 1016"> <tr> <td colspan="2">11</td> </tr> <tr> <td>3</td> <td>8</td> </tr> </table>	11		3	8	$\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$	$\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$
11						
3	8					
 <table border="1" data-bbox="372 1116 602 1285"> <tr> <td colspan="2">12</td> </tr> <tr> <td>7</td> <td>5</td> </tr> </table>	12		7	5	$\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$	$\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$
12						
7	5					
 <table border="1" data-bbox="372 1387 602 1556"> <tr> <td colspan="2">16</td> </tr> <tr> <td>9</td> <td>7</td> </tr> </table>	16		9	7	$\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$	$\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$
16						
9	7					
 <table border="1" data-bbox="372 1656 602 1825"> <tr> <td colspan="2">14</td> </tr> <tr> <td>6</td> <td>8</td> </tr> </table>	14		6	8	$\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$	$\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$
14						
6	8					
 <table border="1" data-bbox="372 1925 602 2094"> <tr> <td colspan="2">17</td> </tr> <tr> <td>8</td> <td>9</td> </tr> </table>	17		8	9	$\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$	$\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$
17						
8	9					

2 Zalisa iitheyibhile zeebhondi ukuze wenze inani elingasentla.

Fill the bond tables to make the top number.

11	
	5

14	

12	

13	

12	

15	

16	

17	

18	

2 Sombulula.

Solve.

Kukho iintaka ezili-14 emthini.
Ezi-8 zibhabhile zemka.
Zingaphi iintaka ezishiyekileyo?

There are 14 birds in the tree.
8 of them fly away.
How many birds are left?



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

Kukho izitikha ezili-17.
UMpho uthatha izitikha ezisi-8.
Zingaphi izitikha ezishiyekileyo?

There are 17 stickers.
Mpho takes 8 stickers.
How many stickers are left?



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

Kukho amaqanda ali-15
ebhaskitini.
Asi-8 kuwo ophukile.
Mangaphi amaqanda
ashiyekileyo?

There are 15 eggs in the basket.
8 of them get broken.
How many eggs are left?



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

IZIBALO
ZENTLOKO
MENTAL MATHS

UMDLALO
WOKUPHINDA KABINI
DOUBLE GAME

UMDLALO
GAME

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

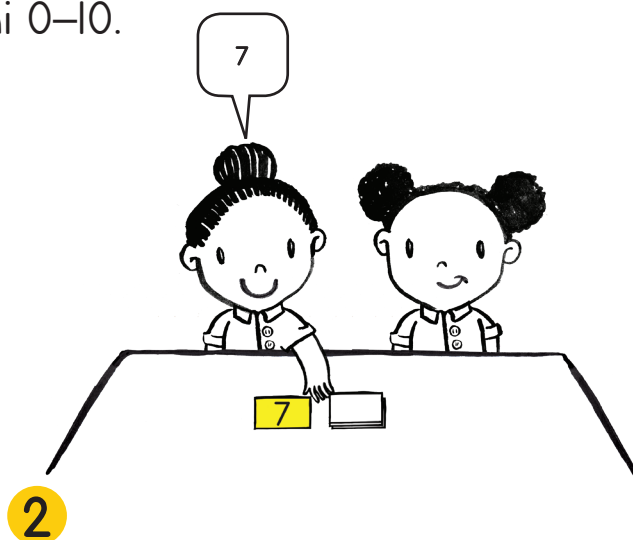
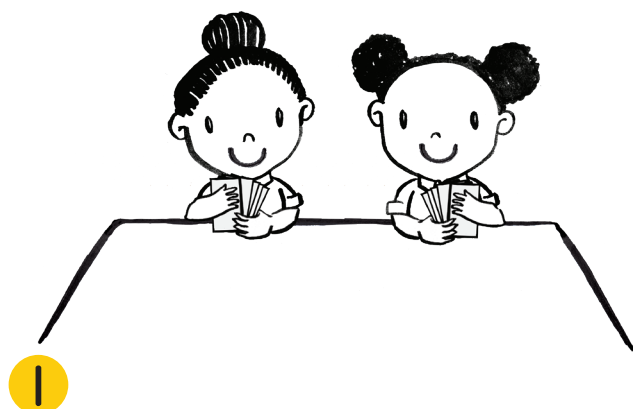
IPHEPHA
LOKUSEBENZELA
WORKSHEET

Umdlalo: Yenza inani lam!

Game: Make my number!

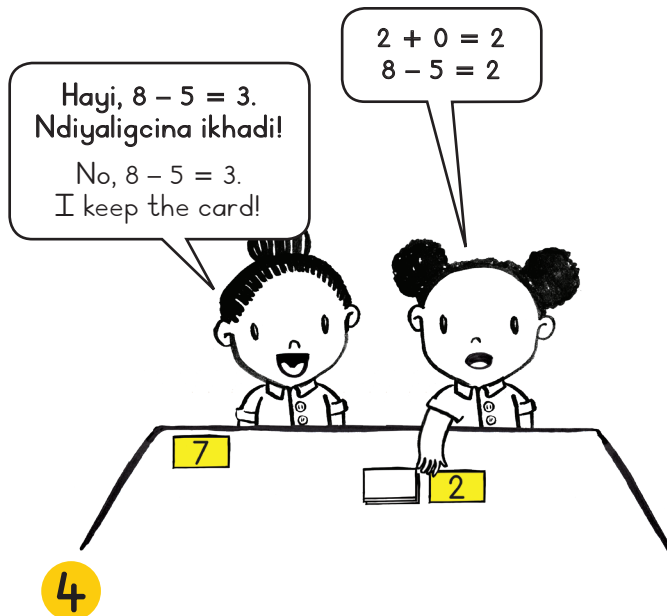
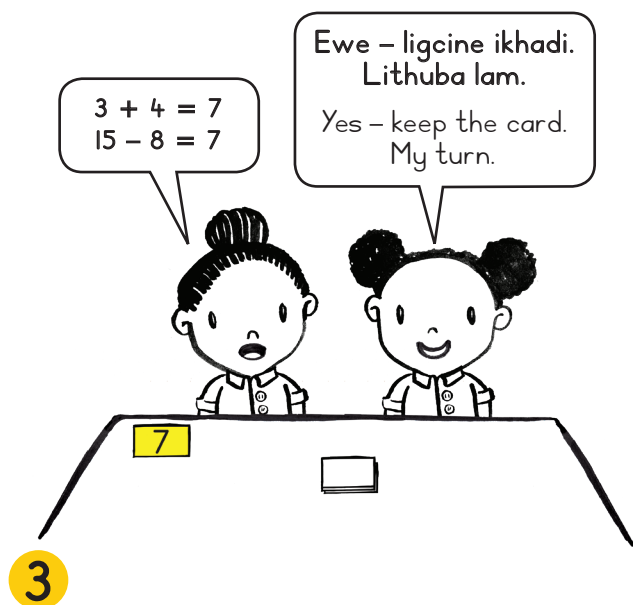
Dlalani ngamakhadi enu amanani 0–10.

Play with your 0–10 number cards.



Xa uthathe ikhadi, yenza isivakalisi manani sokudibanisa nesinye isivakalisi sokuthabatha esilingana nenani elikwikhadi lakho.

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

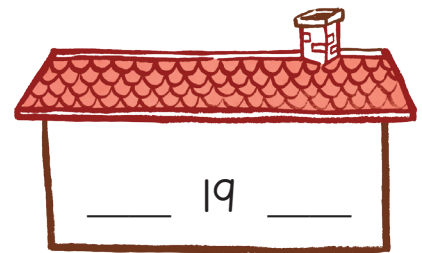
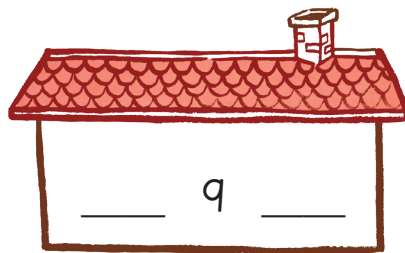
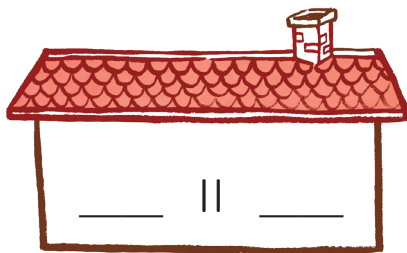
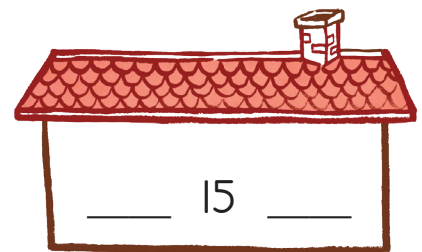
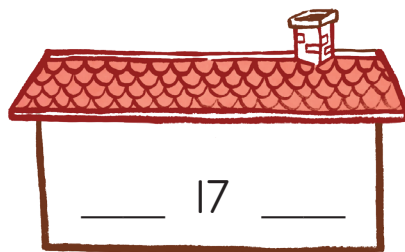
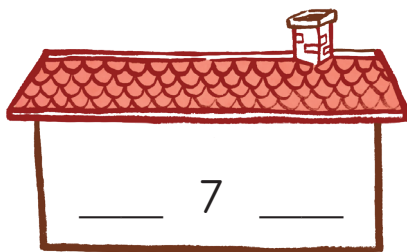
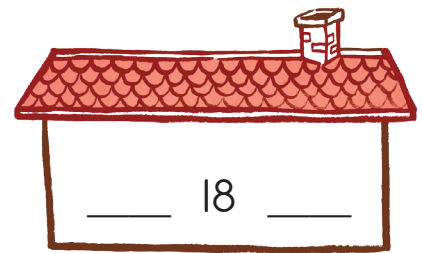
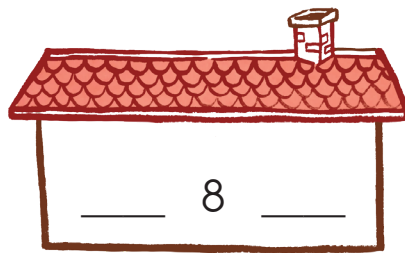
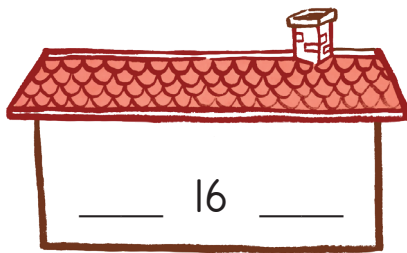
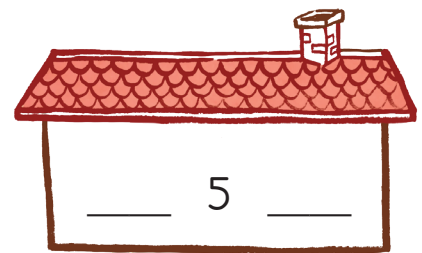
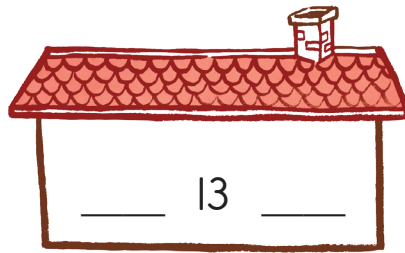
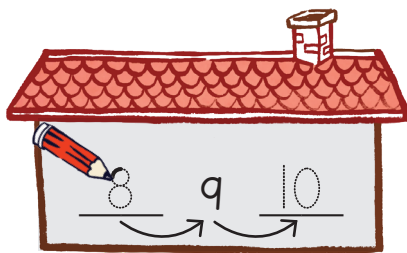


Qhuba ade asetyenziswe onke amakhadi. Umdlali onamakhadi amaninzi nguye ophumeleleyo.

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

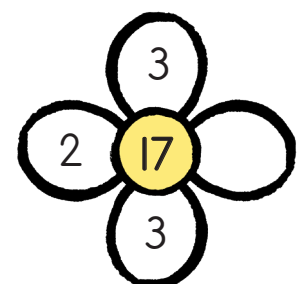
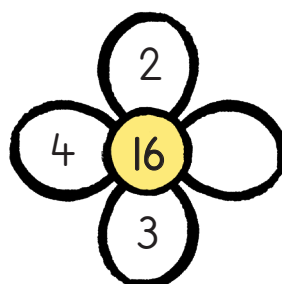
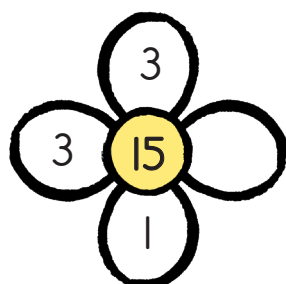
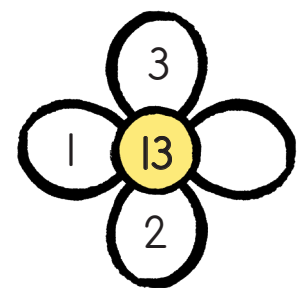
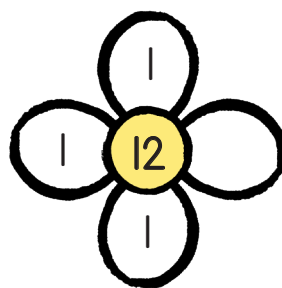
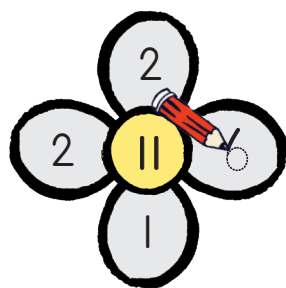
1 Bhala inani eliza phambi okanye emva kwenani elikhoyo.

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



2 Funa inani elingekhoyo.

Find the missing number.



1 Sombulula ezi ngxaki zamagama usebenzise izakhelo zamashumi.

Solve the word problems using the ten frames.

Kukho ama-apile ali-17. Asi-8 atyiwe. Mangaphi ama-apile ashiyekileyo? There are 17 apples. 8 are eaten. How many apples are left? 	<table border="1"> <tbody> <tr> <td></td><td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table> _____ - _____ = _____																				
Kukho iibhaluni ezili-15. Ezisi-8 zibhabhile. Zingaphi iibhaluni ezishiyekelelo? There are 15 balloons. 8 float away. How many balloons are left? 	<table border="1"> <tbody> <tr> <td></td><td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table> _____ - _____ = _____																				
Kukho iintyatyambo ezili-14. Kuphiswe ngezisi-7. Zingaphi iintyatyambo ezishiyekelelo? There are 14 flowers. 7 are given away. How many flowers are left? 	<table border="1"> <tbody> <tr> <td></td><td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table> _____ - _____ = _____																				

2 Zalisa iitheyibhile zeebhondi ukuze wenze inani elingasentla.

Fill the bond tables to make the top number.

17	

14	

11	

13	

15	

18	

3 Gqibezela ukuze wenze inani elingasentla.

Complete to match the number at the top.

11	16	13
$3 + \underline{\quad}$	$4 + \underline{\quad}$	$5 + \underline{\quad}$
$2 + \underline{\quad}$	$5 + \underline{\quad}$	$6 + \underline{\quad}$
$4 + \underline{\quad}$	$3 + \underline{\quad}$	$7 + \underline{\quad}$
$\underline{\quad} + 1$	$\underline{\quad} + 7$	$\underline{\quad} + 8$
$\underline{\quad} + 6$	$\underline{\quad} + 8$	$\underline{\quad} + 9$
$\underline{\quad} + 4$	$\underline{\quad} + 9$	$\underline{\quad} + 4$

4 Mangaphi amaso ashiyekayo ukuba ndithatha ____?

How many beads are left if I take away ____?

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



lintsuku zeveki

Days of the week



UMvulo Monday	ULwesibini Tuesday
ULwesithathu Wednesday	ULwesine Thursday
ULwesihlanu Friday	UMgqibelo Saturday
ICawa Sunday	





linyanga zonyaka



Months of the year



EyoMqungu January	EyoMdumba February
EyoKwindla March	EkaTshazimpuzi April
EkaCanzibe May	EyeSilimela June
EyeKhala July	EyeThupha August
EyoMsintsi September	EyeDwarha October
EyeNkanga November	EyoMnga December

