

MATHEMATICS

Grade 2

**English/
Xitsonga**

Learner

Activity

Book

2019 TERM 4

Introduction

This resource pack has forty numbered daily activities for classwork and homework. The activities correspond to the activities in the lesson plans. The daily lesson should be followed by classwork and then homework.

Answers to the activities can be written in this book.

These resources are bilingual. We hope that presenting the activities in two languages will help learners to learn the 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 maths activities, they will cover the whole curriculum. Hopefully these activities will be a fun way to help them acquire this maths knowledge.

Manghenelo

Buku leyi yo dyondza ha yona yi ni migingiriko ya siku ni siku ya makumemune leyi nomboriweke ya ntirho wa le tllasini ni wa le kaya. Migingiriko leyi yi fambisana ni migingiriko leyi nga eka makungu ya tidyondzontsongo. Tidyondzontsongo ta siku ni siku ti fanele ti landzeriwa hi ntirho wa le tllasini ivi ku landzela ntirhokaya.

Tinhlamulo ta migingiriko leyi ti nga tsariwa laha bukwini.

Switirhisiwa leswi swi tsariwe hi Xitsonga ni Xinghezi. Ha tshemba leswaku ku tsala migingiriko leyi hi tindzimi timbirhi swi ta pfuna vadyondzi ku dyondza marito ya matematiki hi ririmi ra manana ni hi Xinghezi. Leswi swi ta va hlomisela ku dyondza matematiki ni le nkarhini lowu taka.

Loko vadyondzi vo dyondza hilaha migingiriko leyi yi hleriweke hakona, va nga hlanganisa kharikhulamu hinkwayo. Ha tshemba leswaku migingiriko leyi yi ta va madyondziselo yo tsakisa yo va pfuna ku dyondza vutivi bya matematiki.

Contents

Theme ya 4 Dyondzontsongo ya 1 Mpfuxeto wa Matafula ya Ku Andzisa (1)	1
Theme ya 4 Dyondzontsongo ya 2 Mpfuxeto wa Matafula ya Ku Andzisa (2)	2
Theme ya 4 Dyondzontsongo ya 3 Ku lavisisa Ku andzisa (1)	3
Theme ya 4 Dyondzontsongo ya 4 Ku lavisisa Ku andzisa (2)	4
Theme ya 4 Dyondzontsongo ya 5 Makambelelo	6
Theme ya 4 Dyondzontsongo ya 6 Ku lavisisa Ku andzisa (3)	7
Theme ya 4 Dyondzontsongo ya 7 Ku lavisisa Ku andzisa (4)	10
Theme ya 4 Dyondzontsongo ya 8 Nkatsakanyo wo andzisa	13
Theme ya 4 Dyondzontsongo ya 9 Makambelelo	16
Theme ya 4 Dyondzontsongo ya 10 Tinomboro to fikela ka 999 (1)	17
Theme ya 4 Dyondzontsongo ya 11 Tinomboro to fikela ka 999 (2)	18
Theme ya 4 Dyondzontsongo ya 12 Tinomboro ta Tidijiti ti3	20
Theme ya 4 Dyondzontsongo ya 13 Nxaxameto lowu ndlandlamuxiweke	23
Theme ya 4 Dyondzontsongo ya 14 Makambelelo	26
Theme ya 4 Dyondzontsongo ya 15 Vangani va khume?	27
Theme ya 4 Dyondzontsongo ya 16 Ku landzelanisa tinomboro kufika ka 999	30
Theme ya 4 Dyondzontsongo ya 17 Ku pimanisa no xaxameta tinomboro kufika ka 999	33
Theme ya 4 Dyondzontsongo ya 18 Makambelelo	35
Theme ya 4 Dyondzontsongo ya 19 Mali (1)	36
Theme ya 4 Dyondzontsongo ya 20 Mali (2)	38
Theme ya 4 Dyondzontsongo ya 21 Makambelelo	40
Theme ya 4 Dyondzontsongo ya 22 Swivumbeko swa bolo na mabokisi	41
Theme ya 4 Dyondzontsongo ya 23 Ku aka hi michumu ya matlhelo ma3	44
Theme ya 4 Dyondzontsongo ya 24 Tisilindara	46
Theme ya 4 Dyondzontsongo ya 25 Ku pimanisa michumu ya matlhelo ma3 (1)	48
Theme ya 4 Dyondzontsongo ya 26 Ku pimanisa michumu ya matlhelo ma3 (2)	51
Theme ya 4 Dyondzontsongo ya 27 Makambelelo	54
Theme ya 4 Dyondzontsongo ya 28 Ku ntlawahata na ku avela (1)	55
Theme ya 4 Dyondzontsongo ya 29 Ku ntlawahata na ku avela (2)	57

Theme ya 4 Dyondzontsongo ya 30 Xiyimo na matlhelo	61
Theme ya 4 Dyondzontsongo ya 31 Makambeleo	66
Theme ya 4 Dyondzontsongo ya 32 Ku hlengeleta na ku veketela vuxokoxoko bya tinhlayo	67
Theme ya 4 Dyondzontsongo ya 33 Girafu ya swifaniso	71
Theme ya 4 Dyondzontsongo ya 34 Ku yimela na ku xopaxopa vuxokoxoko bya tinhlayo	74
Theme ya 4 Dyondzontsongo ya 35 Ku hlamusela vuxokoxoko bya tinhlayo	77
Theme ya 4 Dyondzontsongo ya 36 Ku hlamusela vuxokoxoko bya tinhlayo (2)	81
Theme ya 4 Dyondzontsongo ya 37 Makambeleo	84
Theme ya 4 Dyondzontsongo ya 39 Ku lulamisela Giredi ya 3 (2)	89
Theme ya 4 Dyondzontsongo ya 40 Ku lulamisela Giredi ya 3 (3)	94
Dayagiramu ya mixaxamelo (dyondzontsongo ya I na tin'wana)	97
Tafula ra ku andzisa (dyondzontsongo ya 3 na tin'wana)	99
Tafula ra vukulu bya dijiti (dyondzontsongo ya II na tin'wana)	101
Bodo ya I 000 (dyondzontsongo ya II na tin'wana)	103
Khiti ya masungulo ya le hansi ya khume (dyondzontsongo ya IO na tin'wana)	105
Makhadi ya fuladi (dyondzontsongo ya II na tin'wana)	107

Term 4 Lesson 1

Theme ya 4 Dyondzontsongo ya 1

Multiplication Tables Revision (I)

Mpfuxeto wa Matafula ya Ku Andzisa (I)

CLASSWORK NTIRHO WA LE TLILASINI

Play the multiplication card games. Your teacher will explain the rules.

Tlangani mitlango ya makhadi ya ku andzisa. Mudyondzisi u ta mi hlamusela milawu ya matlangelo.

HOMEWORK NTIRHOKAYA

Complete the table.

Hetisa tafula.

	Reverse the factors Thentlhiswa swiandzisi
$4 \times 3 = 12$	$3 \times 4 = 12$
$5 \times 2 = 10$	
$3 \times 2 = 6$	
$4 \times 1 = 4$	
$3 \times 5 = 15$	

Term 4 Lesson 2

Theme ya 4 Dyondzontsongo ya 2

Multiplication Tables Revision (2)

Mpfuxeto wa Matafula ya Ku Andzisa (2)

CLASSWORK NTIRHO WA LE TLILASINI

Play the multiplication card games. Your teacher will explain the rules.

Tlangani mitlango ya makhadi ya ku andzisa. Mudyondzisi u ta mi hlamusela milawu ya matlangelo.

HOMEWORK NTIRHOKAYA

Complete the table:

Hetisa tafula:

	What is ... ? I yini ... ?	Answer Nhlamulo
a	$8 \times 4 =$	
b	$6 \times 5 =$	
c	$5 \times 3 =$	
d	$7 \times 4 =$	
e	$9 \times 3 =$	

Term 4 Lesson 3

Theme ya 4 Dyondzontsongo ya 3

Investigating Multiplication (I)

Ku lavisisa Ku andzisa (I)

CLASSWORK NTIRHO WA LE TLILASINI

Play the multiplication card games. Your teacher will explain the rules.

Tlangani mitlango ya makhadi ya ku andzisa. Mudyondzisi u ta mi hlamusela milawu ya matlangelo.

HOMEWORK NTIRHOKAYA

Complete the table:

Hetisa tafula:

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

Term 4 Lesson 4

Theme ya 4 Dyondzontsongo ya 4

Investigating Multiplication (2)

Ku lavisisa Ku andzisa (2)

CLASSWORK NTIRHO WA LE TLILASINI

Complete the table.

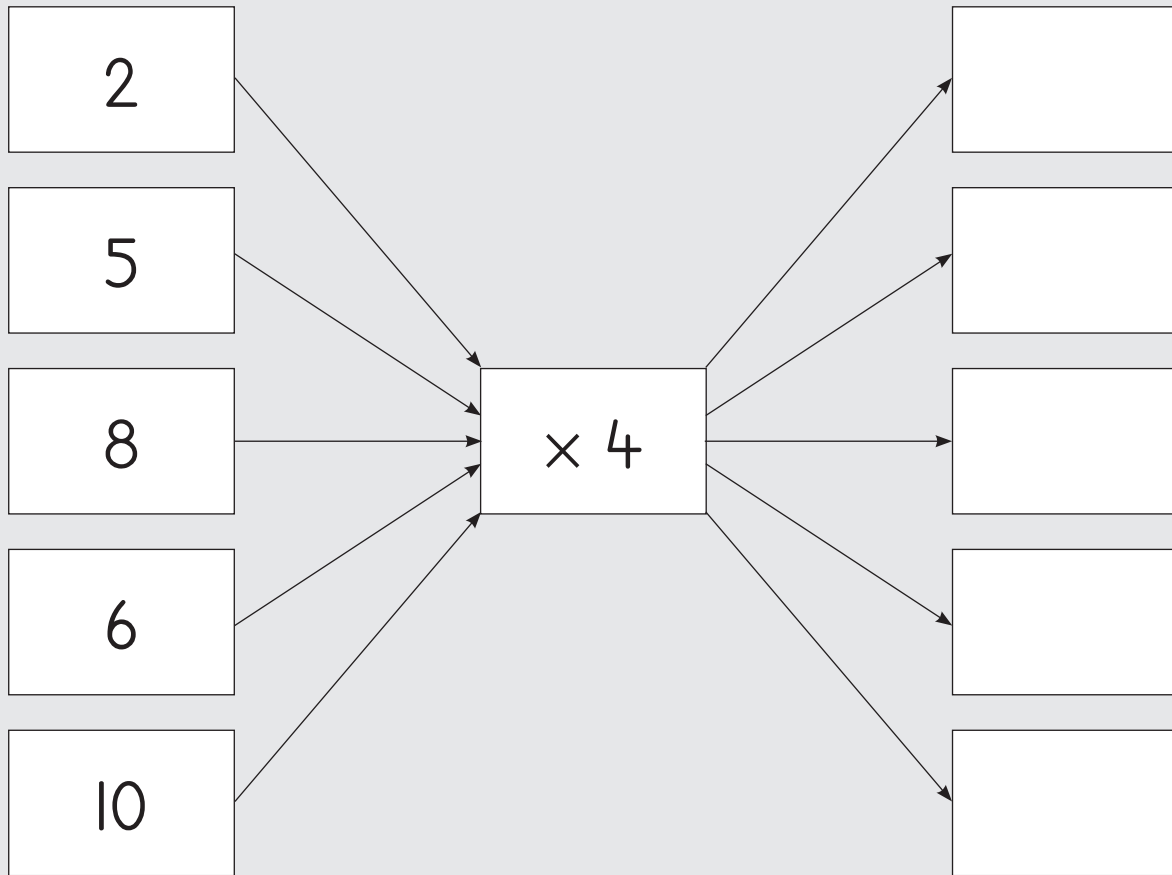
Hetisa tafula.

	1	2	3	4	5
1	1	2	3		5
2		4	6	8	
3		6	9	12	
4	4		12	16	20
5	5	10		20	25
6	6		18	24	30
7		14			35
8	8	16		32	
9	9		27	36	45

HOMEWORK NTIRHOKAYA

Complete:

Hetisa:



Term 4 Lesson 5

Theme ya 4 Dyondzontsongo ya 5

Assessment

Makambelelo

Term 4 Lesson 6

Theme ya 4 Dyondzontsongo ya 6

Investigating Multiplication (3)

Ku lavisisa Ku andzisa (3)

CLASSWORK NTIRHO WA LE TLILASINI

Classwork Activity I

Nghingiriko wa le Tlilasini I

	Number sentences to make ... Swivulwa swa tinomboro leswi endlaka ...
2	
3	
4	
5	
6	
8	
9	

	Number sentences to make ... Swivulwa swa tinomboro leswi endlaka ...
10	
12	
15	
16	
18	
20	
24	
30	
40	

Fill in the missing numbers.

Tata tinomboro leti siyiweke.

a $3 \times \underline{\hspace{2cm}} = 9$

b $5 \times \underline{\hspace{2cm}} = 15$

c $2 \times \underline{\hspace{2cm}} = 10$

d $6 \times \underline{\hspace{2cm}} = 18$

e $4 \times \underline{\hspace{2cm}} = 20$

f $6 \times \underline{\hspace{2cm}} = 30$

g $7 \times \underline{\hspace{2cm}} = 28$

h $9 \times \underline{\hspace{2cm}} = 36$

i $8 \times \underline{\hspace{2cm}} = 24$

j $7 \times \underline{\hspace{2cm}} = 21$

k $9 \times \underline{\hspace{2cm}} = 45$

l $8 \times \underline{\hspace{2cm}} = 32$

HOMEWORK NTIRHOKAYA

Complete the table:

Hetisa tafula:

	Reverse the factors Tlhentlisa swiandzisi
$4 \times 5 = 20$	
$3 \times 2 = 6$	
$4 \times 3 = 12$	
$5 \times 1 = 5$	
$2 \times 5 = 10$	

Term 4 Lesson 7

Theme ya 4 Dyondzontsongo ya 7

Investigating Multiplication (4)

Ku lavisisa Ku andzisa (4)

CLASSWORK NTIRHO WA LE TLILASINI

- 1 Solve the following word problem.

Lulamisa xiphiqo xa rito lexi landzelaka.

<p>A packet has <u>1</u> mango and <u>3</u> oranges. If you buy <u>2</u> packets, how many mangoes and oranges will you have? How many fruits will you have altogether?</p>	<p>Phakete ri na mango yil na malamula ma3. Loko u xava maphakete ma2, xana u ta va na timango na malamula mangani? Xana yingani mihandzu hinkwayo leyi u nga ta va na yona?</p>	
<p>Draw a diagram. Dirowa dayagiramu.</p>		
<p>Write the number sentences. Tsala swivulwa swa tinomboro.</p>		
<p>Write the answer. Tsala nhlamulo.</p>		

- 2 Complete the table. Compare the answers on the left and the right. What do you notice?

Hetisa tafula. Pimanisa tinhlamulo ta le ximatsini na ta le xinenehi. Xana u vona yini?

	Number sentence Xivulwa xa tinomboro	Answer Nhlamulo
a	$3 \times (2 + 4) =$	
b	$(3 \times 2) + (3 \times 4) =$	
c	$4 \times (2 + 3) =$	
d	$(4 \times 2) + (4 \times 3) =$	
e	$2 \times (3 + 4) =$	
f	$(2 \times 3) + (2 \times 4) =$	

HOMEWORK NTIRHOKAYA

Complete the table. Compare the answers on the left and the right. What do you notice?

Hetisa tafula. Pimanisa tinhlamulo ta le ximatsini na ta le xinenehi. Xana u vona yini?

	Number sentence Xivulwa xa tinomboro	Answer Nhlamulo
a	$5 \times (2 + 3) =$	
b	$(5 \times 2) + (5 \times 3) =$	
c	$3 \times (5 + 1) =$	
d	$(3 \times 5) + (3 \times 1) =$	
e	$4 \times (2 + 5) =$	
f	$(4 \times 2) + (4 \times 5) =$	

Term 4 Lesson 8

Theme ya 4 Dyondzontsongo ya 8

Multiplication consolidation

Nkatsakanyo wo andzisa

CLASSWORK NTIRHO WA LE TLILASINI

Complete the table:

Hetisa tafula:

		Number sentence with answer. Xivulwa xa tinomboro na nhlamulo ya xona.
a	9 groups of 4 9 wa mitlawa ya 4	$9 \times 4 = 36$
b	8 groups of 5 8 wa mitlawa ya 5	
c	9 groups of 3 9 wa mitlawa ya 3	
d	5 groups of 5 5 wa mitlawa ya 5	

		Number sentence with answer. Xivulwa xa tinomboro na nhlamulo ya xona.
e	7 groups of 4 7 wa mitlawa ya 4	
f	8 groups of 3 8 wa mitlawa ya 3	
g	6 groups of 4 6 wa mitlawa ya 4	
h	7 groups of 3 7 wa mitlawa ya 3	
i	6 groups of 2 6 wa mitlawa ya 2	
j	7 groups of 5 7 wa mitlawa ya 5	

HOMEWORK NTIRHOKAYA

Complete the table:

Hetisa tafula:

		Number sentence with answer. Xivulwa xa tinomboro na nhlamulo ya xona.
a	3 groups of 4 3 wa mitlawwa ya 4	$3 \times 4 = 12$
b	8 groups of 5 8 wa mitlawwa ya 5	
c	9 groups of 3 9 wa mitlawwa ya 3	
d	6 groups of 5 6 wa mitlawwa ya 5	
e	7 groups of 4 7 wa mitlawwa ya 4	

Term 4 Lesson 9

Theme ya 4 Dyondzontsongo ya 9

Assessment

Makambelelo

Term 4 Lesson 10

Theme ya 4 Dyondzontsongo ya 10

Numbers up to 999 (I)

Tinomboro to fikelala ka 999 (I)

CLASSWORK NTIRHO WA LE TLILASINI

- 1 Show these numbers using the base ten kit.
Kombisa tinomboro leti u tirhisa khiti ya masungulo ya le hansi ya khume.
 - a 149
 - b 276
 - c 693
 - d 515
 - e 999
- 2 Count forwards from 95 to 105 and 195 to 205 using the base ten kit.
Hlayela u ya emahlweni kusuka eka 95 kufika eka 105 na kusuka eka 195 kufika eka 205 u tirhisa khiti ya masungulo ya le hansi ya khume.

HOMEWORK NTIRHOKAYA

Show these numbers using the base ten kit.

Kombisa tinomboro leti u tirhisa khiti ya masungulo ya le hansi ya khume.

- 1 342
- 2 198
- 3 567
- 4 812
- 5 677

Term 4 Lesson 11

Theme ya 4 Dyondzontsongo ya 11

Numbers up to 999 (2)

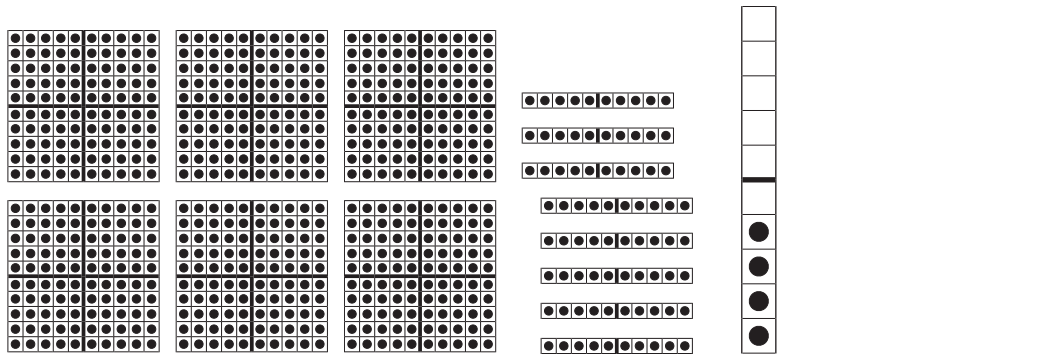
Tinomboro to fikela ka 999 (2)

CLASSWORK NTIRHO WA LE TLILASINI

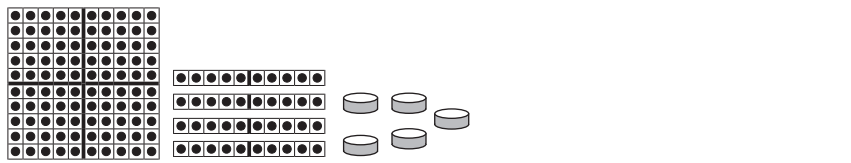
1 Write the number shown by the base ten kit.

Tsala nomboro leyi kombiwaka hi khiti ya masungulo ya le hansi ya khume.

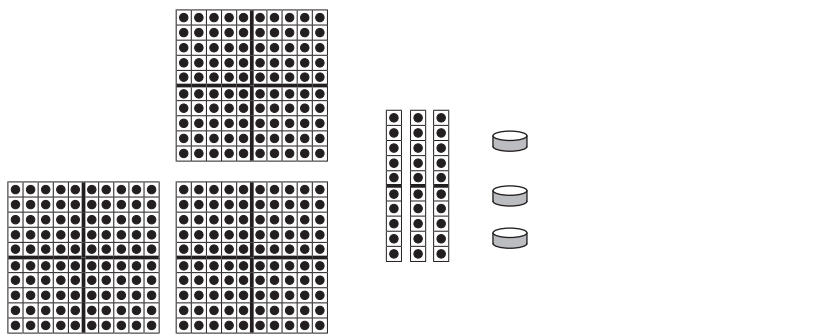
a



b



c



2 Write using number symbols:

Tsala u tirhisa mifungho ya tinomboro:

a Seven hundred and thirty-eight.

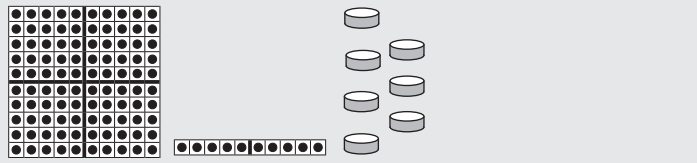
Madzanankombo makumenharhunhungu. _____

- b One hundred and seventeen.
Dzana khumenkombo. _____
- c The number between 824 and 826.
Nomboro ya le xikarhi ka 824 na 826. _____
- d The number that is one more than 329.
Nomboro leyikulu eka 329 hi n'we. _____
- e The number that is one less than 550.
Nomboro leyitsongo eka 550 hi n'we. _____

- 3 Show using flard cards and then write the number symbol.
Kombisa u tirhisa makhadi ya fuladi kutani u tsala mfungho wa nomboro.
- a 6 hundreds, 3 tens and 4 ones
6 wa vadzana, 3 wa vakhume na 4 wa van'we _____
 - b 9 hundreds, 1 ten and 7 ones
9 wa vadzana, 1 khume na 7 wa van'we. _____

HOMEWORK NTIRHOKAYA

- 1 Write the number shown by the base ten kit.
Tsala nomboro leyi kombiwaka hi khiti ya masungulo ya le hansi ya khume.



- 2 Write the number names:
Tsala mavito ya tinomboro leti:
- a 915 _____
 - b 851 _____

Term 4 Lesson 12

Theme ya 4 Dyondzontsongo ya 12

3-digit Numbers

Tinomboro ta Tidijiti ta 3

CLASSWORK NTIRHO WA LE TLILASINI

1 Write the number shown by the base ten kit.

Tsala nomboro leyi kombiwaka hi khiti ya masungulo ya le hansi ya khume.

a

b

c

2 Draw simplified pictorials to show the numbers.

Dirowa swifaniso swo olova u kombisa tinomboro leti:

a 435

H	T	O

b 569

H	T	O

c 302

H	T	O

d 780

H	T	O

e 200

H	T	O

3 Write as a number symbol.

Tsala yi ri mfungho wa nomboro.

a One hundred and eight.

Dzana na nhungu.

b Three hundred and eighteen.

Madzananharhu khumenhungu.

- c Seven hundred and eleven.
Madzanankombo khumen'we. _____
- d The number between 478 and 480.
Nomboro ya le xikarhi ka 478 and 480. _____
- e The number that is one more than 699.
Nomboro leyikulu eka 699 hi n'we. _____
- f The number that is one less than 900.
Nomboro leyitsongo eka 900 hi n'we. _____

HOMEWORK NTIRHOKAYA

- 1 Write the number names:
Tsala mavito ya tinomboro leti:
 - a 145 _____
 - b 606 _____
- 2 Write as a number symbol.
Tsala yi ri mfungho wa nomboro.
 - a Three hundred and fifty-four.
Madzananharhu makumentlhanumune. _____
 - b Nine hundred.
Madzanakaye. _____
 - c Seven hundred and one.
Madzanankombo na n'we. _____

Term 4 Lesson 13

Theme ya 4 Dyondzontsongo ya 13

Expanded Notation

Nxaxameto lowu ndlandlamuxiweke

CLASSWORK NTIRHO WA LE TLILASINI

1 Write as a number symbol.

Tsala yi ri mfungho wa nomboro.

a 4 hundreds, 2 tens and 6 ones

4 wa vadzana, 2 wa vakhume na 6 wa van'we.

b 9 hundreds, 0 tens and 3 ones

9 wa vadzana, 0 wa vakhume na 3 wa van'we.

c 5 hundreds, 9 tens and 8 ones

5 wa vadzana, 9 wa vakhume na 8 wa van'we.

d 8 hundreds, 1 ten and 0 ones

8 wa vadzana, 1 khume na 0 n'we.

e 7 hundreds, 0 tens and 9 ones

7 wa vadzana, 0 wa vakhume na 9 wa van'we.

2 Draw simplified pictorials to show the numbers.

Dirowa swifaniso swo olova u kombisa tinomboro leti:

a 593

H	T	O

b 780

H	T	O

c 601

H	T	O

3 Write the following numbers in expanded notation:

Tsala tinomboro leti landzelaka hi nxaxameto lowu ndlandlamuxiweke.

a 280 = _____

b 156 = _____

c 701 = _____

4 Write the number symbol:

Tsala mfungho wa nomboro:

a Between 789 and 791.

Ya le xikarhi ka 789 na 791. _____

b That is one more than 899.

Leyikulu eka 899 hi n'we. _____

c That is one less than 700.

Leyitsongo eka 700 hi n'we. _____

HOMEWORK NTIRHOKAYA

Write the number symbol:

Tsala mfungho wa nomboro:

1 3 hundreds, 9 tens and 0 ones

3 wa vadzana, 9 wa vakhume na 0 wa van'we.

2 7 hundreds, 1 ten and 2 ones

7 wa vadzana, 1 khume na 2 wa van'we.

3 5 hundreds, 0 ten and 6 ones

5 wa vadzana, 0 khume na 6 wa van'we.

4 8 hundreds, 4 tens and 0 ones

8 wa vadzana, 4 wa vakhume na 0 wa van'we.

Term 4 Lesson 14

Theme ya 4 Dyondzontsongo ya 14

Assessment

Makambelelo

Term 4 Lesson 15

Theme ya 4 Dyondzontsongo ya 15

How many tens?

Vangani va khume?

CLASSWORK NTIRHO WA LE TLILASINI

1 Fill in the missing numbers.

Tata tinomboro leti siyiweke.

a	There are Ku na		tens in wa vakhume eka	180
b	There are Ku na		tens in wa vakhume eka	250
c	There are Ku na		tens in wa vakhume eka	320
d	There are Ku na		tens in wa vakhume eka	700
e	There are Ku na	14	tens in wa vakhume eka	

f	There are Ku na	21	tens in wa vakhume eka	
g	There are Ku na	36	tens in wa vakhume eka	
h	There are Ku na	60	tens in wa vakhume eka	

2 Circle the correct answer:

Bana xirhendzevutana ka nhlamulo leyi faneleke:

- a** 240 is 22 or 24 groups of 10.
240 i 22 kumbe i 24 wa mitlawa ya 10.
- b** 390 is 30 or 39 groups of 10.
390 i 30 kumbe i 39 wa mitlawa ya 10.
- c** 850 is 85 or 87 groups of 10.
850 i 85 kumbe i 87 wa mitlawa ya 10.
- d** 560 is 56 or 55 groups of 10.
560 i 56 kumbe i 55 wa mitlawa ya 10.
- e** 910 is 90 or 91 groups of 10.
910 i 90 kumbe i 91 wa mitlawa ya 10.

HOMEWORK NTIRHOKAYA

Fill in the missing numbers.

Tata tinomboro leti siyiweke.

a	There are Ku na		tens in wa vakhume eka	150
b	There are Ku na		tens in wa vakhume eka	230
c	There are Ku na	19	tens in wa vakhume eka	
d	There are Ku na	20	tens in wa vakhume eka	

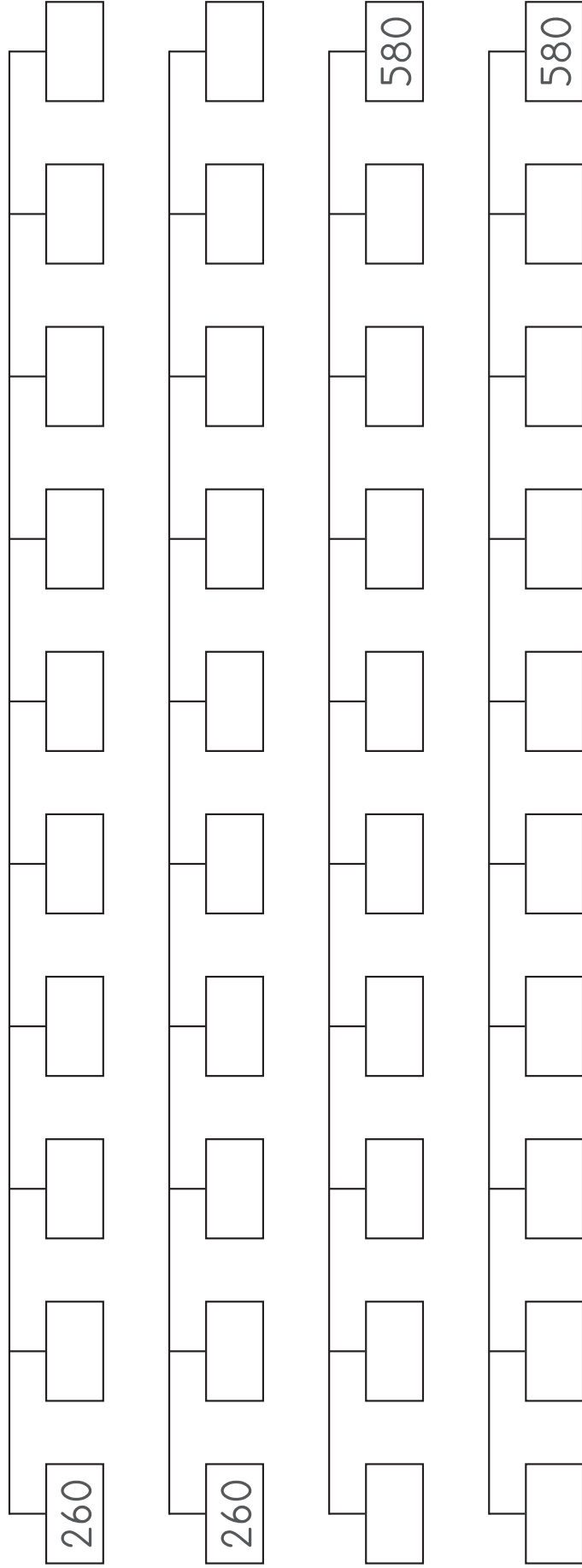
Term 4 Lesson 16

Theme ya 4 Dyondzontsongo ya 16

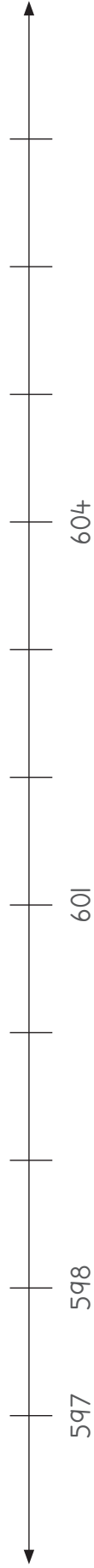
Ordering numbers to 999

Ku landzelanisa tinomboro kufika ka 999

CLASSWORK ACTIVITY I
NGHINGIRIKO WA LE TLILASINI I



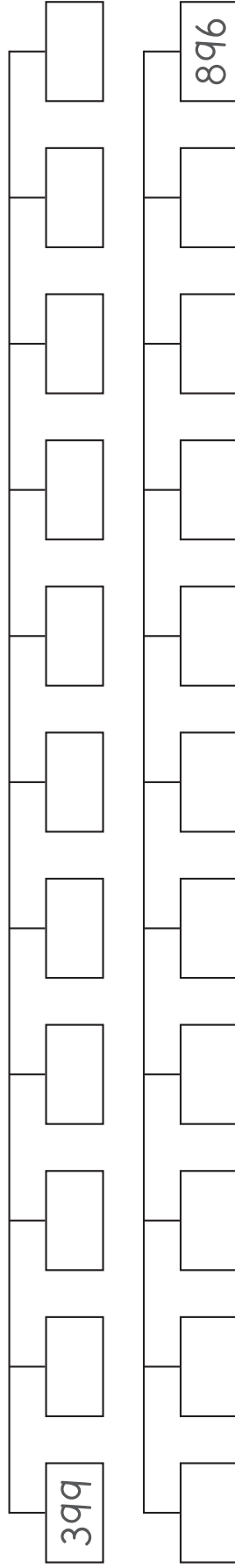
CLASSWORK ACTIVITY 2
 NCHINGIRIKO WA LE TLILASINI 2



CLASSWORK NTIRHO WA LE TLILASINI

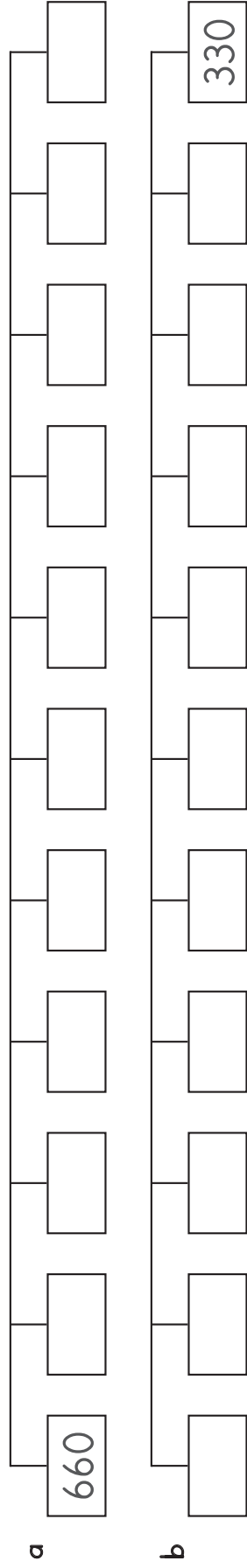
1 Count forwards in 1s. Fill in the missing numbers on the number line.

Hlayela u ya emhlweni hi va l. Tata tinomboro leti sijeweke eka ndzati wa tinomboro.



2 Count forwards in 10s. Fill in the missing numbers on the number line.

Hlayela u ya emhlweni hi va l0. Tata tinomboro leti sijeweke eka ndzati wa tinomboro.



HOMEWORK NTIRHOKA YA

- 1 Fill in the missing numbers on the number line.

Tata tinomboro leti sigiweke eka ndzhati wa tinomboro.



Term 4 Lesson 17

Theme ya 4 Dyondzontsongo ya 17

Comparing and ordering numbers to 999

Ku pimanisa no xaxameta tinomboro kufika ka 999

CLASSWORK NTIRHO WA LE TLILASINI

1 Underline the smaller number:

Bana ntila ehansi ka nomboro leyitsongo:

a 459 or/kumbe 549

b 321 or/kumbe 221

c 699 or/kumbe 966

d 211 or/kumbe 112

e 578 or/kumbe 576

2 Underline the bigger number:

Bana ntila ehansi ka nomboro leyikulu:

a 691 or/kumbe 672

b 187 or/kumbe 178

c 970 or/kumbe 974

d 342 or/kumbe 345

e 983 or/kumbe 981

3 Write these numbers from the smallest number to the biggest number:

Tsala tinomboro leti kusuka eka leyitsongo kuya eka leyikulu:

145, 457, 45 _____

- 4 Write the following numbers from the biggest number to the smallest number:

Tsala tinomboro leti kusuka eka leyikulu kuya eka leyitsongo:

130, 310, 301 _____

HOMEWORK NTIRHOKAYA

- 1 Underline the bigger number:

Bana ntila ehansi ka nomboro leyikulu:

a 618 or/kumbe 816

b 445 or/kumbe 455

c 739 or/kumbe 737

- 2 Write these numbers from the smallest number to the biggest number:

Tsala tinomboro leti kusuka eka leyitsongo kuya eka leyikulu:

111, 101, 121 _____

Term 4 Lesson 18

Theme ya 4 Dyondzontsongo ya 18

Assessment

Makambelelo

Term 4 Lesson 19

Theme ya 4 Dyondzontsongo ya 19

Money (I)

Mali (I)

CLASSWORK NTIRHO WA LE TLILASINI

- 1 Thandi has 10c. Her mom gives her 90c. How much money does she now have?
Thandi u na 10c. Mana wa yena u n'wi nyika 90c. Xana u na mali muni sweswi?

- 2 I have R1,20. I buy a sweet for 60c. How much money do I have left?
Ndzi na R1, 20. Ndzi xava lekere ra 60c. Xana ndzi sale na mali muni?

- 3 I have 40c. Can I share it equally amongst four children?
Ndzi na 40c. Xana ndzi nga yi avela vana va mune hi ku ringana?

- 4 Toffees cost 10c each. Busi spent 50c buying toffees. How many toffees did she buy?
Tithofi i 10c rin'we. Busi u xave tithofi ta 50c. Xana u xave tithofi tingani?

- 5 A fizz pop costs R2,50. Palesa wants to buy 4 fizz pops.
Fizz pop i R2, 50. Palesa u lava ku xava 4 wa tona.

- a She has R8. Can she buy four fizz pops?
U na R8. Xana a nga xava *tifizz pop* ta mune? _____
- b How much more money does Palesa need in order to buy the 4 fizz pops?
Xana Palesa u kayivela mali muni leswaku a xava 4 wa *tifizz pop*?

HOMEWORK NTIRHOKAYA

- 1 Ask someone at home to show you some coins from their wallet. How much money did they take out of their wallet?

Kombela var'wana ekaya va ku komba tikhoyini exipachini xa vona. Xana va humese mali muni eswipachini swa vona?

- 2 I have R15. I buy a packet of chips for R2, 50 and a Fanta Orange for R8. Ndzi na R15. Ndzi xava phakete ra tichipisi hi R2, 50 na Fanta Orange hi R8.

- a How much do I have to pay?
Xana ndzi fanele ndzi hakela mali muni? _____

- b Do I get any change?
Xana ndza yi kuma cinci? _____

- c If so, how much?
Loko swi ri tano, ndzi kuma mali muni? _____

Term 4 Lesson 20

Theme ya 4 Dyondzontsongo ya 20

Money (2)

Mali (2)

CLASSWORK NTIRHO WA LE TLILASINI

- 1 Naledi spent R1,80 on sweets that cost 20c each. How many sweets did she buy?

Naledi u tirhise R1, 80 ku xava malekere, rin'we i 20c. Xana u xave malekere mangani?

- 2 Peter babysits. He charges R5 per hour for babysitting. Complete this table for him.

Peter u tshama na vana. U hakerisa R5 hi awara ku tshama na n'wana. N'wi tatele tafula leri.

Number of hours Nhlayo ya tiawara	1	2	3	4	5	6	7	8	9	10
Cost in rands Mali hi marhandi										

HOMEWORK NTIRHOKAYA

Ntombi pays R10 to get to school in the morning. She pays with a R20 note.

Ntombi u hakela R10 kuya exikolweni nimpundzu. U hakela hi R20 ya phepha.

a How much change does she receive?

Xana u kuma cinci ya mali muni? _____

b How much money will she have left when she gets home?

Xana u ta va a sale na mali muni loko a fika ekaya? _____

Term 4 Lesson 21

Theme ya 4 Dyondzontsongo ya 21

Assessment

Makambelelo

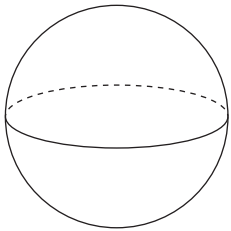
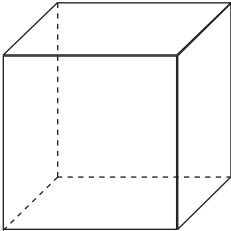
Term 4 Lesson 22

Theme ya 4 Dyondzontsongo ya 22

Ball and box shapes

Swivumbeko swa bolo na mabokisi

CLASSWORK ACTIVITY I NGHINGIRIKO WA LE TLILASINI I

	
<p>Sphere (ball shape) Xirhendzevutana (xivumbeko xa bolo)</p>	<p>Cube (Box shape/prism) Khiyubu (xivumbeko xa bokisi/ phirizimi)</p>

CLASSWORK NTIRHO WA LE TLILASINI

- 1 Draw a picture of a box shape and a ball shape.
Dirowa xifanso xa xivumbeko xa bokisi ni xa bolo.
- 2 Give the names of two 3-D objects you can see in the classroom.
Nyika mavito ya michumu ya matlhelo ma3 leyi u yi vonaka etlilasini.

- 3 Do they have round or straight edges?
Xana yi na matlhelo yo rhendzeleka kumbe yo ololoka? _____

4 Say if the following will roll or slide:

Vula loko leswi landzeleka swi nga khunguluka kumbe swi rheta:

a a ball

bolo _____

b a box

bokisi _____

c a can of cold drink

thini ra khodirinki _____

HOMEWORK NTIRHOKAYA

1 Find 3 different objects in your kitchen at home that are ball shaped.

Kuma michumu yi3 yo hambana ya le khixini ekaya ka n'wina ya xivumbeko xa bolo.

2 Put the objects in order from the smallest object to the biggest object and then draw them.

Landzelanisa michumu yoleyo kusuka eka lowutsongo swinene kufika eka lowukulu swinene kutani u yi dirowa.

- 3 Find 3 different box shaped objects in your bedroom/any room at home.
Kuma michumu yi3 yo hambana ya xivumbeko xa bokisi ekamareni ra wena kumbe rin'wana.
- 4 Put the objects in order from the biggest object to the smallest object and draw them.
Landzelanisa michumu yoleyo kusuka eka lowukulu swinene kufika eka lowutsongo swinene kutani u yi dirowa.

Term 4 Lesson 23

Theme ya 4 Dyondzontsongo ya 23

Building with 3-D objects

Ku aka hi michumu ya matlhelo ma3

CLASSWORK NTIRHO WA LE TLILASINI

- 1 Can you build a tower with 4 different sized boxes and 2 different sized balls

Xana u nga xi aka xihondzo hi mabokisi ya 4 ya tisayizi to hambana na tibolo ti2 ta tisayizi to hambana.

- 2 Can you build a tower just with balls? Why or why not?

Xana u nga xi aka xihondzo hi tibolo ntsena? Hikwalahokayini kumbe hikwalahokayini swi nga koteki?

- 3 Can you build a tower with just boxes? Why or why not?

Xana u nga xi aka xihondzo hi tibolo ntsena? Hikwalahokayini kumbe hikwalahokayini swi nga koteki?

- 4 Draw a tower made of 4 boxes.

Dirowa xihondzo lexi endlweke hi 4 wa mabokisi.

- 5 Draw your own picture using balls and boxes.
Dirowa xifaniso xa wena hi tibolo na mabokisi.

HOMEWORK NTIRHOKAYA

- 1 Name 3 ball shaped objects in your house.
Tsala michumu yi3 ya xivumbeko xa bolo ya le kaya ka n'wina.
-
- 2 Name 3 box shaped objects in your house.
Tsala michumu yi3 ya xivumbeko xa bokisi ya le kaya ka n'wina
-

Term 4 Lesson 24

Theme ya 4 Dyondzontsongo ya 24

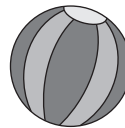
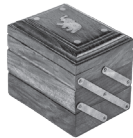
Cylinders

Tisilindara

CLASSWORK NTIRHO WA LE TLILASINI

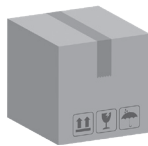
1 Name these objects:

Tsala mavito ya michumu leyi.



2 Do these shapes roll or slide?

Xana swivumbeko leswi swa khunguluka kumbe swa rheta?



HOMEWORK NTIRHOKAYA

- 1 Find and cut out or draw pictures cylinders and cylinder-like objects.
Kuma michumu yo fana na tisilindara na swifaniso swa tisilindara kutani u swi tsema kumbe u swi dirowa.
- 2 Sort and stick the objects you found here (or make drawings).
Veketela michumu leyi u yi kumeke (kumbe u yi diroweke) kutani u yi namareta laha.

Term 4 Lesson 25

Theme ya 4 Dyondzontsongo ya 25

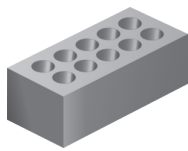
Comparing 3-D objects (I)

Ku pimanisa michumu ya matlhelo ma3 (I)

CLASSWORK NTIRHO WA LE TLILASINI

1 Name these shapes – sphere, prism or cylinder:

Tsala mavito ya swivumbeko leswi – xirhendzevutana, phirizimi kumbe silindara:



a _____ b _____ c _____

2 Paste or draw pictures of objects in the correct column:

Nameka kumbe u dirowa swifaniso swa michumu eka kholomo leyi faneleke:

Objects that roll. Michumu leyi khungulukaka.	Objects that slide. Michumu leyi rhetaka.	Objects that roll and slide. Michumu leyi khungulukaka no rheta.

3 Draw a house using prisms, spheres and cylinders.

Dirowa yindlu u tihisa tiphirizimi, swirhendzevutana na tisilindara.

HOMEWORK NTIRHOKAYA

- 1 Look in your kitchen cupboard and draw a picture of a prism shape that you can find.

Languta ekhabotini ya khixi ra ka n'wina kutani u dirowa xifanso xa xivumbeko xa phirizimi lexi u xi kumaka.

- 2 Are there any cylinder shapes in the kitchen?

Xana swi kona swivumbeko swa silindara ekhixini? _____

- 3 Which one of these two vegetables is shaped like a sphere: carrots or peas?

Xana eka matsavu lamambirhi hi rihi leri nga na xivumbeko xa xirhendzevutana?

- 4 Which one of these objects can you roll to your friend: book bag, apple, homework book?

Eka michumu leyi hi wihi lowu u nga wu khunguluxelaka eka munghana wa wena: i nkwama wa tibuku, apula, ntirhokaya, buku?

Term 4 Lesson 26

Theme ya 4 Dyondzontsongo ya 26

Comparing 3-D objects (2)

Ku pimanisa michumu ya matlhelo ma3 (2)

CLASSWORK NTIRHO WA LE TLILASINI

- 1 Use an old magazine/newspaper to find three pictures that each look like one of the following shapes:

Tirhisa magazini/phephahungu ra khale ku kuma swifaniso swinharhu leswi langutekaka ku fana na swivumbeko leswi landzelaka:

- a Prism
Phirizimi
- b Sphere
Xirhendzevutana
- c Cylinder
Silindara

- 2 Stick the pictures into the table in size order -from the biggest shape to the smallest shape.

Namarheta swifaniso etafuleni hikuya hi tisayizi - kusuka eka xifaniso lexikulu ngopfu kufika eka lexitsongo.

Object Nchumu	Shapes in order from biggest to smallest Tiphirizimi hi ku landzelana kusuka eka leyikulu kufika eka leyitsongo
Prism Phirizimi	

Object Nchumu	Shapes in order from biggest to smallest Tiphirizimi hi ku landzelana kusuka eka leyikulu kufika eka leyitsongo
Sphere Xirhendzevutana	
Cylinder Silindara	

3 Complete the table.

Hetisa tafula.

Object Nchumu	Flat sides or curved sides Matihelo yo andlaleka kumbe yo gombonyoka	Roll/Slide/Roll and slide Khunguluka/Rheta/ Khunguluka no rheta
Prism Phirizimi		
Sphere Xirhendzevutana		
Cylinder Silindara		

HOMEWORK NTIRHOKAYA

Complete the table.

Hetisa tafula.

Object Nchumu	Draw the object Dirowa Nchumu
Prism Phirizimi	
Sphere Xirhendzevutana	
Cylinder Silindara	

Term 4 Lesson 27

Theme ya 4 Dyondzontsongo ya 27

Assessment

Makambelelo

Term 4 Lesson 28

Theme ya 4 Dyondzontsongo ya 28

Grouping and sharing (I)

Ku ntlawahata na ku avela (I)

CLASSWORK NTIRHO WA LE TLILASINI

- 1 Divide 18 beads into groups of 2.

Avanyisa 18 wa vuhlalu hi mitlawa leyi nga na vuhlalu byi2.

- a How many groups do you make?

Xana ku huma mitlawa yingani? _____

- b Do you have any beads left?

Xana ku na vuhlalu lebyi saleke? _____

- 2 16 suckers are shared between 2 friends. Each friend gets _____ suckers.

_____ suckers are left.

Malekere ya swimhandzana ma averiwa vanghana va2. Un'wana na un'wana u

kuma _____ wa malekere. Ku sala _____ wa malekere.

- 3 Divide 20 beads into groups of 4.

Avanyisa 20 wa vuhlalu hi mitlawa leyi nga na 4 wa vuhlalu.

- a How many groups do you make?

Xana ku huma mitlawa yingani? _____

- b Do you have any beads left?

Xana ku na vuhlalu lebyi saleke? _____

4 12 balloons are shared between 4 friends. Each friend gets _____ balloons.

_____ balloons are left.

12 wa tibaluni ti averiwa vangahana va 4. Munghana haun'we u kuma _____

wa tibaluni. Ku sala _____ wa tibaluni.

5 You have 18 beads and make bags which each have 3 beads in them.

U na vuhlalu bya 18 kutani u endla mikwama leyi wun'wana na wun'wana wu nga na vuhlalu byi3.

a How many bags do you make?

Xana u ta endla mikwama yingani? _____

b Do you have any beads left?

Xana ku na vuhlalu lebyi saleke? _____

HOMEWORK NTIRHOKAYA

1 Put 14 beads into groups of 2.

Veketela 14 wa vuhlalu hi yimbirhimbirhi.

a How many groups do you make?

Xana ku huma mitlawa yingani? _____

b Do you have any beads left?

Xana ku na vuhlalu lebyi saleke? _____

2 20 marbles are shared between 2 friends. Each friend gets _____ marbles.

_____ marbles are left.

20 wa timabulu ti averiwa vangahana va2. Un'wana na un'wana u kuma

_____ wa timabulu. Ku sala _____ wa timabulu.

Term 4 Lesson 29

Theme ya 4 Dyondzontsongo ya 29

Grouping and sharing (2)

Ku ntlawahata na ku avela (2)

CLASSWORK NTIRHO WA LE TLILASINI

1 Draw 10 squares. Share the squares equally into two groups.

Dirowa 10 wa swikwere. Swi ave hi mitlawa yimbirhi hi ku ringana.

a Are there any squares left over?

Xana swi kona swikwere leswi saleke? _____

b Fill in the missing numbers:

Tata tinomoro leti siyiweke:

_____ shared between _____ is _____. The remainder is _____.

_____ yi averiwa _____ i _____. Ku sala _____.

2 Draw 15 triangles. Share them equally into two groups.

Dirowa 15 wa tinhlanharhu. Ti avele mitlawa yimbirhi hi ku ringana.

a Are there any triangles left over?

Xana ku na tinhlanharhu leti saleke? _____

b Fill in the missing numbers:

Tata tinomoro leti siyiweke:

_____ shared between _____ is _____. The remainder is _____.

_____ yi averiwa _____ i _____. Ku sala _____.

3 Draw 11 crosses. Divide the crosses into groups of 2.

Dirowa 11 wa swihambano. Swi avanyise hi swimbirhimbirhi.

a Are there any crosses left over?

Xana ku na swihambano leswi saleke? _____

b Fill in the missing numbers:

Tata tinomboro leti siyiweke:

_____ divided into groups of _____ is _____.

The remainder is _____.

_____ yi avanyisiwa hi mitlawa ya _____ i _____.

Ku sala _____.

4 Draw 18 circles. Divide them into groups of 4.

Dirowa 18 wa swirhendzevutana. Swi avanyise swi va 4 hi ntlawa.

a Are there any circles left over?

Xana ku na swirhendzevutana leswi saleke? _____

b Fill in the missing numbers:

Tata tinomboro leti siyiweke:

_____ divided into groups of _____ is _____.

The remainder is _____.

_____ yi avanyisiwa hi mitlawa ya _____ i _____.

Ku sala _____.

- 5 Toffees cost 2c each. Thembi spent 20c buying toffees. How many toffees did she buy?

Tithofi i 2c rin'we. Thembi u xave tithofi ta 20c. Xana u xave tithofi tingani?

HOMEWORK NTIRHOKAYA

- 1 Draw 16 balls. Share the balls equally between the 2 blocks.

Dirowa tibolo ta 16. Ava tibolo hi ku ringana eka tibuloko ti2.

- a Are there any balls left over?

Xana ku na tibolo leti saleke? _____

- b Fill in the missing numbers:

Tata tinomboro leti siyiweke:

_____ balls shared between _____ blocks is _____.

The remainder is _____.

_____ wa tibolo loko ti averiwa _____ wa tibuloko _____ i

_____. Ku sala _____

- 2 Draw 21 rectangles and 2 girls. Share the rectangles equally between the girls.

Dirowa 21 wa tirhekuthengula na vanhwana va2. Avela vanhwana tirhekuthengula hi ku ringana.

- a Are there any rectangles left over?

Xana ku na tirhekuthengula leti saleke? _____

- b Fill in the missing numbers:

Tata tinomboro leti siyiweke:

_____ rectangles shared between _____ girls is _____.

The remainder is _____.

_____ wa tirhekuthengula ti averiwa _____ wa vanhwana

_____ i _____. Ku sala _____.

3 Make bags of 2 suckers from 17 suckers.

Endla swiphaketana swa malekere ma2 hi malekere ya 17.

a Are there any suckers left over?

Xana ku na malekere lama saleke? _____

b Fill in the missing numbers:

Tata tinomboro leti siyiweke:

_____ suckers divided into group of _____ is _____.

The remainder is _____.

_____ wa malekere ma aviwa ma va _____ hi ntlawa

i _____. Ku sala _____.

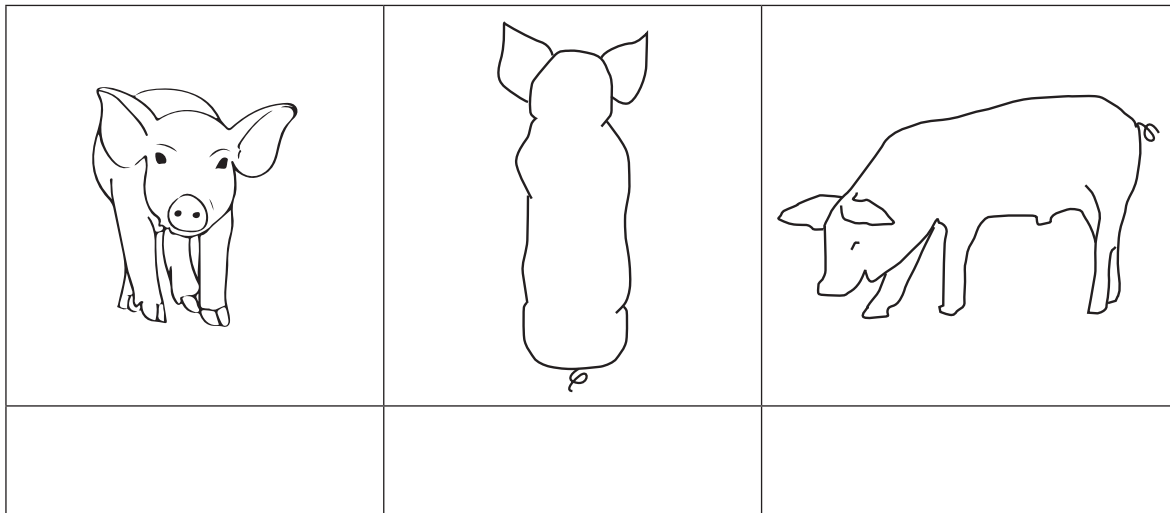
Term 4 Lesson 30

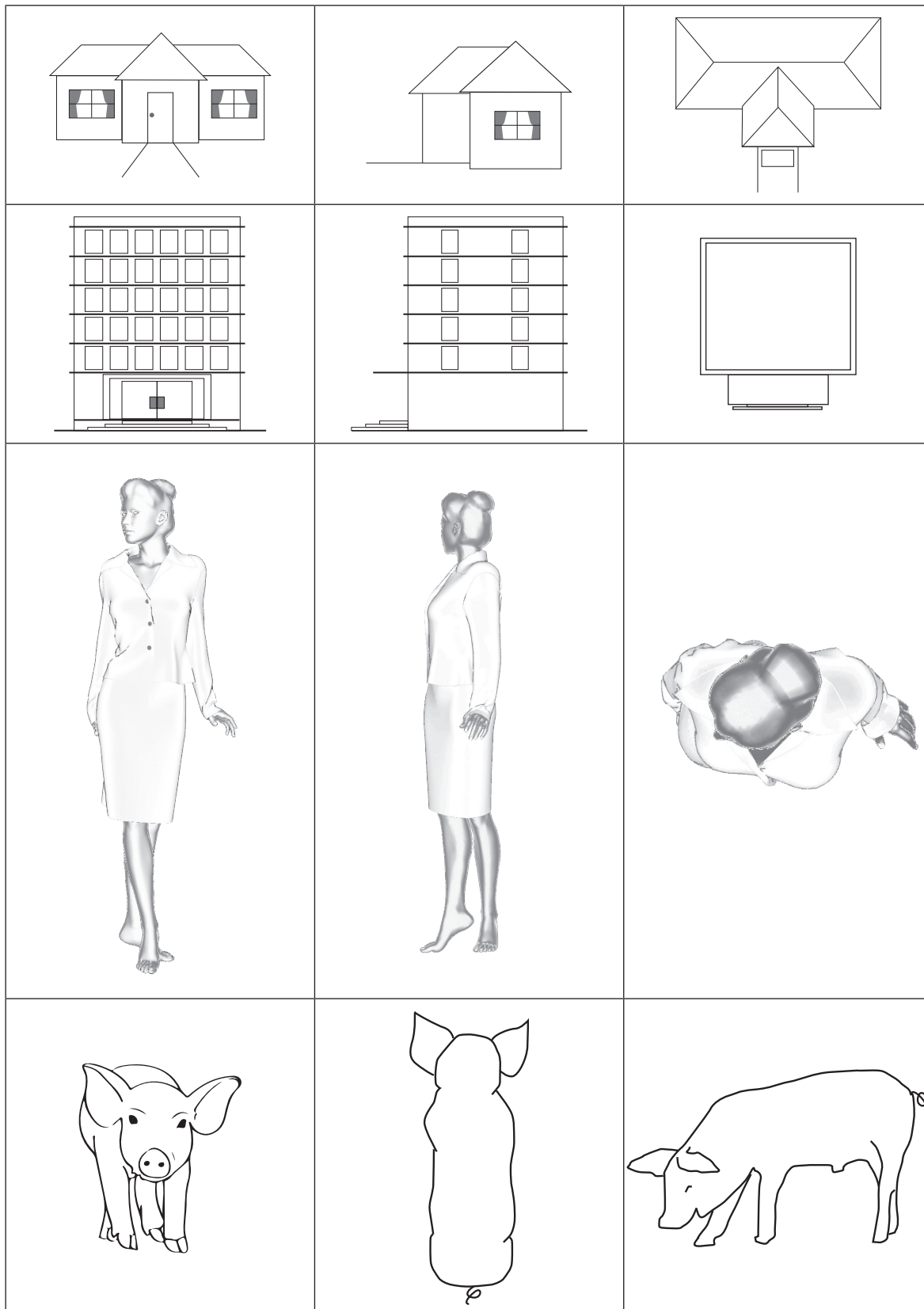
Theme ya 4 Dyondzontsongo ya 30

Position and views

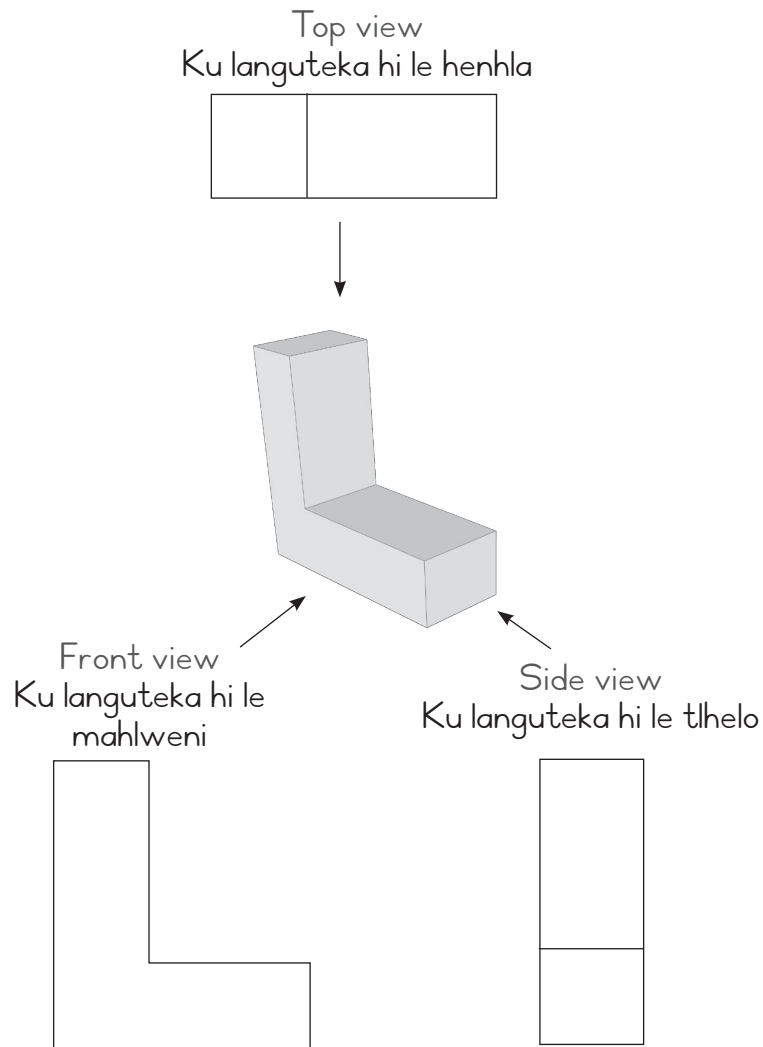
Xiyimo na matlhelo

CLASSWORK ACTIVITY I
NGHINGIRIKO WA LE TLILASINI I





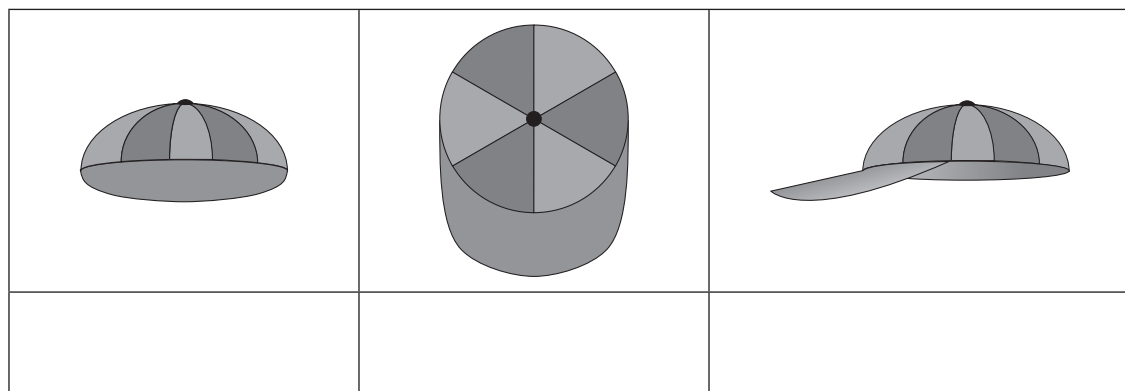
CLASSWORK ACTIVITY 2
NGHINGIRIKO WA LE TLILASINI 2



CLASSWORK NTIRHO WA LE TLILASINI

1 Write the labels for the views of a cap shown below.

Tsala tilebuli ti vonaka eka kepisi leyi kombiweke laha hansi.



2 Using the pictures below:

Tirhisa swifaniso leswi nga la hansi u:

a Colour the front view of the car.

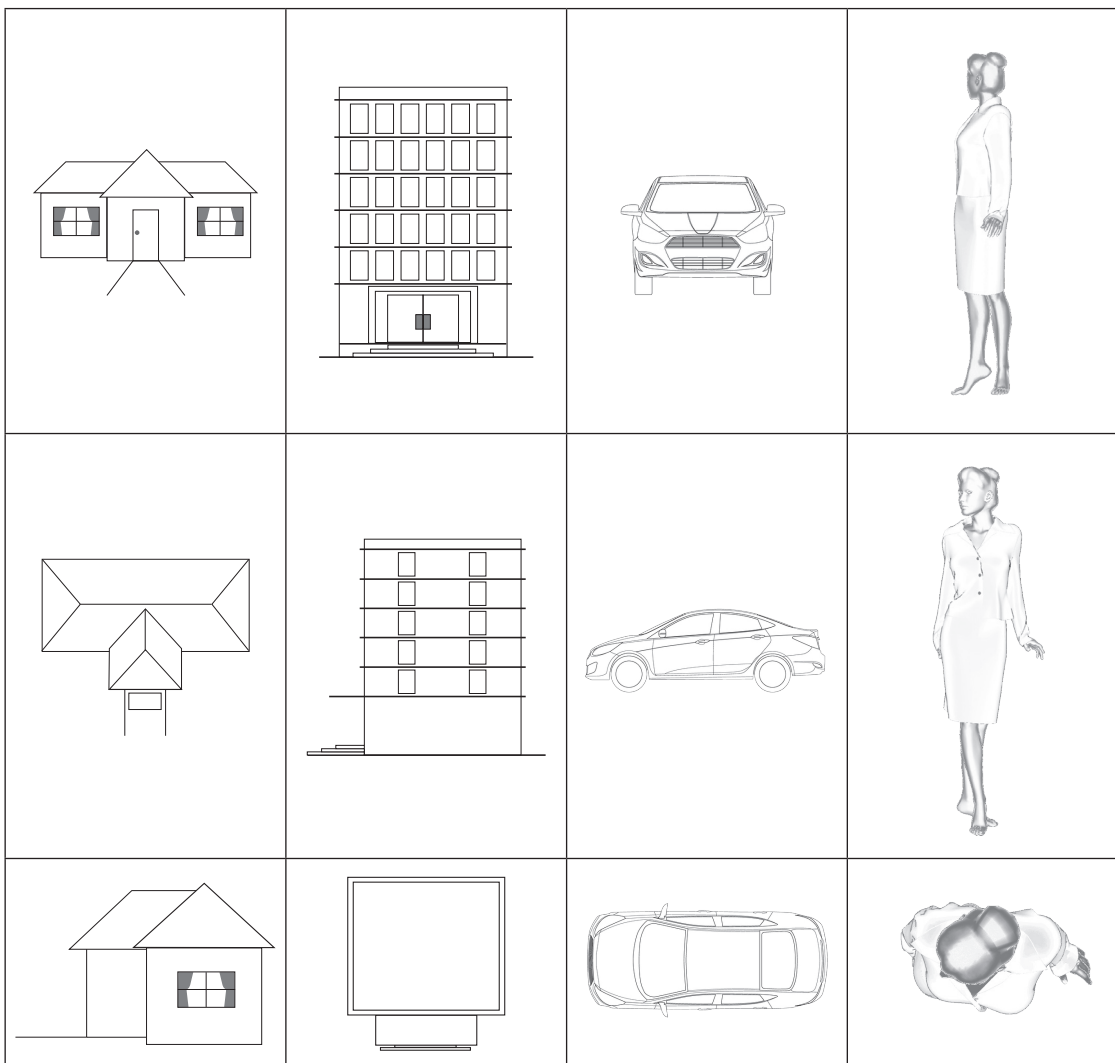
Khalara xikandza xa movha.

b Colour the top view of the house.

Khalara ku languteka ka yindlu ehenhla.

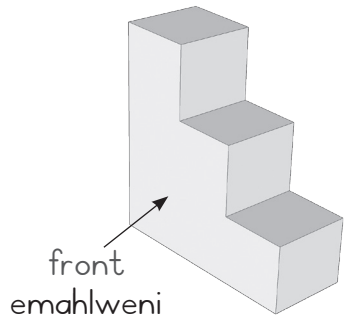
c Colour the side view of the lady.

Khalara rihlanguti ra manana.



3 Draw the top, front and side views of this shape:

Dirowa ku languteka ka xivumbeko lexi hi le henhla, hi le mahlweni na le tlhelo:



<p>Front view</p> <p>Ku languteka hi le mahlweni</p>	<p>Top view</p> <p>Ku languteka hi le henhla</p>	<p>Side view</p> <p>Ku languteka hi le tlhelo</p>
--	--	---

HOMEWORK NTIRHOKAYA

Draw views of a table in your home:

Dirowa ku languteka ka tafula ra le kaya ka n'wina.

<p>Front view</p> <p>Ku languteka hi le mahlweni</p>	<p>Top view</p> <p>Ku languteka hi le henhla</p>	<p>Side view</p> <p>Ku languteka hi le tlhelo</p>
--	--	---

Term 4 Lesson 31

Theme ya 4 Dyondzontsongo ya 31

Assessment

Makambelelo

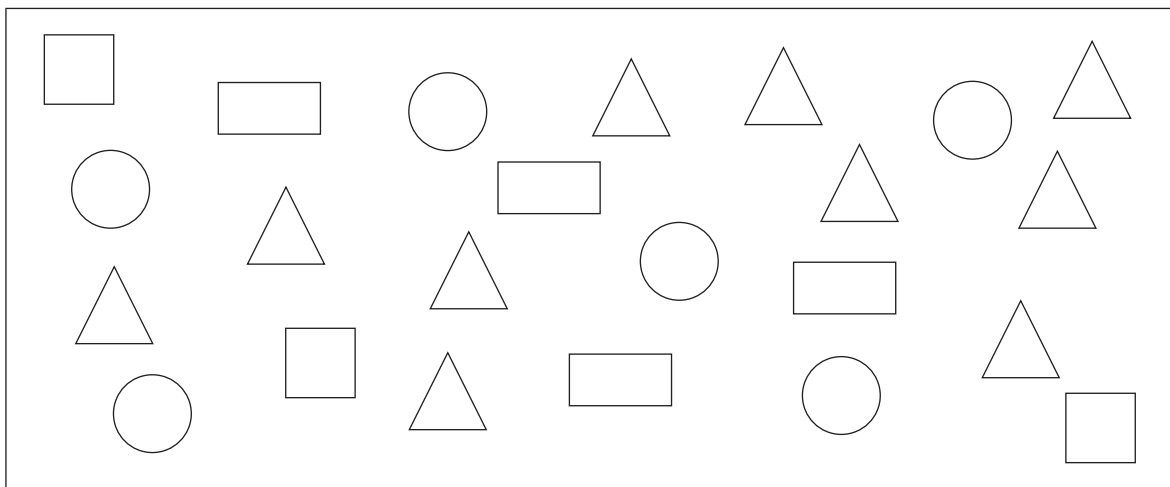
Term 4 Lesson 32

Theme ya 4 Dyondzontsongo ya 32

Collecting and organising data

Ku hlengeta na ku veketela vuxokoxoko bya tinhlayo

CLASSWORK ACTIVITY I NGHINGIRIKO WA LE TLILASINI I



Shapes/Swivumbeko

10				
9				
8				
7				
6				
5				
4				
3				
2				
1				
	Squares Swikwere	Triangles Tinhlanharhu	Rectangles Tirhekuthengula	Circles Swirhendzevutana

Key/Xiletelo: ___ = 1 shape/xivumbeko

CLASSWORK NTIRHO WA LE TLILASINI

Use this data for the activity.
 Tirhisa vuxokoxoko lebyi eka nghingiriko.
 These are the numbers of children who had birthdays during the first term:
 Hi leti tinhlayo ta vana lava veke na masiku ya ku velekiwa eka theme yo sungula:

January: 3	February: 6	March: 1	April: 3
Sunguti 3:	Nyenyenyana: 6	Nyenyankulu: 1	Dzivamisoko: 3

- 1 Colour a block to represent each birthday.
 Khalara buloko ku komba siku rin'wana na rin'wana ra ku velekiwa.

Birthdays during the first term
Masiku ya ku velekiwa eka theme yo sungula

7				
6				
5				
4				
3				
2				
1				
	January Sunguti	February Nyenyenyana	March Nyenyankulu	April Dzivamisoko

Key/Xiletelo: _____ = one learner/mudyondzi un'we

- 2 Use the graph to answer the questions:
 Tirhisa girafu ku hlamula swivutiso:
- a How many children had birthdays in the first term?
 I vangani vana lava a va velekiwa eka theme yo sungula?

b There were _____ birthdays in April.

A ku ri na _____ wa masiku ya ku velekiwa hi Dzivamisoko.

c There were _____ birthdays in February.

A ku ri na _____ wa masiku ya ku velekiwa hi Nyenyenyana.

d There was _____ birthday in March.

A ku ri na _____ wa masiku ya ku velekiwa hi Nyenyankulu.

e There were _____ birthdays in January.

A ku ri na _____ wa masiku ya ku velekiwa hi Sunguti.

f The most number of birthdays were in
Masiku yo tala ya ku velekiwa a ma ri hi _____.

g The least number of birthdays were in
Masiku lamatsongo ya ku velekiwa a ma ri hi _____.

h Which months had the same number of birthdays?
Hi tihi tin'hweti leti veke na masiku ya ku velekiwa yo ringana?

HOMEWORK NTIRHOKAYA

- 1 Collect a handful of cutlery from the kitchen, e.g. small spoons, forks, knives and big spoons.
Hlengeleta swibya swo dya ha swona ekhixini, xik. swilepulana, tiforoko, mikwana na malepula.
- 2 Sort the cutlery and use the pictograph grid to represent your data.
Veketela swibya hi ku fana kutani u tirhisa giridi ya swifaniso ku kombisa vuxokoxo bya swibya swa wena.

Cutlery
Swibya swo dya ha swona

7				
6				
5				
4				
3				
2				
1				
	Small spoons Swilepulana	Forks Tiforoko	Knives Mikwana	Big spoons Malepula

Key/Xiletelo: _____ = one item/nchumu wun'we

Term 4 Lesson 33

Theme ya 4 Dyondzontsongo ya 33

Pictographs

Cirafu ya swifaniso

CLASSWORK ACTIVITY 3
NGHINGIRIKO WA LE TLILASINI 3Shapes
Swivumbeko

10						
9						
8						
7						
6						
5						
4						
3						
2						
1						
	Squares Swikwere	Triangles Tinlanharhu	Rectangles Tirhekuthengula	Circles Swihendzevutana	Ovals Swivumbeko swa tandza	Cubes Tikhiyubu

Key/Xiletelo: _____ = one shape/xivumbeko xin'we

CLASSWORK NTIRHO WA LE TLILASINI

- 1 Work in groups. Look in your school bags for some of these objects: lunch boxes, classwork books and reading books.

Tirhani hi mitlawa. Langutani yin'wana ya michumu leji emikwameni ya n'wina ya xikolo: xikhafuthini, tibuku ntirho wa le tlilasini na tibuku to hlaya.

- 2 Count the number of each item you have found.

Hlayela muxaka wa xin'wana na xin'wana lexi u xi kumaka.

- 3 Draw a bar graph to show what you found.

Dirowa girafu ya tibarana u komba leswi u swi kumeke.

Our school bags – what we found

Mikwama ya hina ya xikolo – leswi hi swi kumeke.

10			
9			
8			
7			
6			
5			
4			
3			
2			
1			
	Lunch boxes Swikhafuthini	Classwork books Tibuku ta ntirho wa le tlilasini	Reading books Tibuku to hlaya

Key/Xiletelo: _____ = one item/nchumu wun'we

4 Use the graph to answer the questions:

Tirhisa girafu ku hlamula swivutiso:

a The most common item is

Nchumu lowu tameriwaka hi vo tala _____.

b The least common item is

Nchumu lowu nga tameriwiki hi vo tala _____.

HOMEWORK NTIRHOKAYA

1 Count the number of 5 different kinds of clothing items you have at home, e.g. the number of shorts, trousers, pairs of socks, shirts or pairs of shoes.

Hlayela nhlayo ya 5 wa mixaka yo hambana ya swiambalo leswi u nga na swona ekaya, xik. nhlayo ya maburuku yo koma, maburuku yo leha, tiphere ta masokisi, tihembe kumbe tiphere ta tintangu.

2 Draw your own pictograph showing the data you have at home. Use the pictograph grid below.

Tidirowele girafu ya swifaniso u komba vuxokoxoko bya leswi u nga na swona ekaya. Tirhisa giridi ya girafu ya swifaniso leyi nga la hanshi.

Clothes/Swiambalo

10					
9					
8					
7					
6					
5					
4					
3					
2					
1					
	Shorts Maburuku yo koma	Trousers Maburuku yo leha	Socks Masokisi	Shirts Mahembhe	Shoes Tintangu

Key/Xiletelo: _____ = one item/nchumu wun'we

Term 4 Lesson 34

Theme ya 4 Dyondzontsongo ya 34

Represent and analyse data

Ku yimela na ku xopaxopa vuxokoxoko bya tinhlayo

CLASSWORK ACTIVITY I NGHINGIRIKO WA LE TLILASINI I

Our school bags
Mikwama ya hina ya xikolo.

10						
9						
8						
7						
6						
5						
4						
3						
2						
1						
	Pencils Tipenisele	Glues Swidamareti	Erasers Tirhabara	Sharpeners Miloto	Scissors Swikero	Rulers Tirhula

Key/Xiletelo: _____ = one item/nchumu wun'we

CLASSWORK NTIRHO WA LE TLILASINI

- 1 In the fruit shop near your school there are 15 apples, 10 paw paws, 6 oranges and 4 bananas. Draw a pictograph showing how much of each kind of fruit there is.

Evhengeleni ra mihandzu kusuhi na xikolo xa n'wina ku na 15 wa maapula, 10 wa mapapawa, 6 wa malamula na 4 wa mabanana. Dirowa girafu ya swifaniso u komba nhlayo ya muxaka wun'wana na wun'wana wa mihandzu lowu nga kona.

- 2 Give your pictograph the title.
Nyika girafu ya wena ya swifaniso vito.
- 3 Remember to include a key.
Tsundzuka ku katsa xiletelo.

16				
15				
14				
13				
12				
11				
10				
9				
8				
7				
6				
5				
4				
3				
2				
1				
	Apples Maapula	Paw paws Mapapawa	Oranges Malamula	Bananas Mabanana

Key/Xiletelo: _____ = one fruit/muhandzu wun'we

4 Of which fruit is there most?

I muhandzu wihi lowu nga na nhlayo leyikulu swinene? _____

5 Of which fruit is there least?

I muhandzu wihi lowu nga na nhlayo leyitsongo swinene? _____

HOMEWORK NTIRHOKAYA

While walking home from school I see 6 red cars, 4 white cars, 8 black cars and 9 blue cars. Draw a pictograph to record this information.

Loko ndzi vuya exikolweni hi milenge ndzi vone 6 wa timovha to tshwuka, 4 to basa, 8 ta ntima na 9 ta wasi. Dirowa girafu ya swifaniso u tsala vuxokoxoko.

Cars by Colour
Timovha hi Muhlovo

10				
9				
8				
7				
6				
5				
4				
3				
2				
1				
	Red car Timovha to tshwuka	White cars Timovha to basa	Black cars Timovha ta ntima	Blue cars Timovha ta wasi

Key/Xiletelo: _____ = one car/movha yin'we

Term 4 Lesson 35

Theme ya 4 Dyondzontsongo ya 35

Interpreting data (I)

Ku hlamusela vuxokoxoko bya tinhlayo

CLASSWORK ACTIVITY I
NGHINGIRIKO WA LE TLILASINI I

	Tally Thali	Number Nomboro
Lion Nghala		5 learners 5 wa vadyondzi
Springbok Nghala		12 learners 12 wa vadyondzi
Rhino Mhelembe		6 learners 6 wa vadyondzi
Elephant Ndlophu		13 learners 13 wa vadyondzi

CLASSWORK ACTIVITY 2
NGHINGIRIKO WA LE TLILASINI 2

13				
12				
11				
10				
9				
8				
7				
6				
5				
4				
3				
2				
1				
	Lion Nghala	Springbok Mhala	Rhino Mhelembe	Elephant Ndlopfu

Key/Xiletelo: _____ = one animal/xiharhi xin'we

CLASSWORK NTIRHO WA LE TLILASINI

A sponsor has offered to give each learner in the class a coloured t-shirt. Learners can choose either a green, red, blue or black t-shirt.

Xiponzara xi ri xi ta nyika mudyondzi haun'we etlilasini xikipa xa mavala. Vadyondzi va nga hlawula eka xikipa xa rihlaza, xo tshwuka, xa wasi kumbe xa ntima.

There are 40 learners in the class. The teacher does a survey and finds that the learners would like the following t-shirts:

Ku na vadyondzi va 40 etlilasini. Thicara u endla vulavisisi kutani u kuma leswaku vadyondzi va rhandza swikipa leswi landzelaka:

- 12 green t-shirts.
12 wa swikipa swa rihlaza.
- 15 red t-shirts.
15 wa swikipa swo tshwuka.
- 7 blue t-shirts.
7 wa swikipa swa wasi.
- The rest of the learners would like a black t-shirt.
Vadyondzi lavan'wana va rhandza xikipa xa ntima.

1 How many learners would like a black t-shirt?

Vangani vadyondzi lava rhandzaka xikipa xa ntima?

2 Draw a tally table showing the t-shirt choices the learners made.

Dirowa tafula ra tithali u komba swikipa leswi hlawuriweke hi vadyondzi.

	Tally Thali	Number Nhlayo
Green t-shirts Swikipa swa rihlaza		12 learners 12 wa vadyondzi
Red t-shirts Swikipa swo tshwuka		15 learners 15 wa vadyondzi
Blue t-shirts Swikipa swa wasi		7 learners 7 wa vadyondzi
Black t-shirts Swikipa swa ntima		6 learners 6 wa vadyondzi

HOMEWORK NTIRHOKAYA

In a Grade 2 class, the teacher asked the learners which chocolate was their favourite:

Etlilasini ya Giredi ya vu2, mudyondzisi u vutise vadyondzi hi chokoleti leyi va yi rhandzaka ngopfu:

- 8 learners chose Tex Bars.
8 wa vadyondzi va hlawule Tex Bars.
- 6 learners chose Bar One.
6 wa vadyondzi va hlawule Bar One.
- 3 learners chose Aero.
3 wa vadyondzi va hlawule Aero.
- 5 learners chose Kit Kat.
5 wa vadyondzi va hlawule Kitkat.

Draw a tally table which shows the learners' favourite chocolates

Dirowa tafula ra tithali leri kombaka tichokoleti leti rhandziwaka hi vadyondzi.

	Tally Thali	Number Nhlayo
Tex Bar		8 learners 8 wa vadyondzi
Bar One		6 learners 6 wa vadyondzi
Aero		3 learners 3 wa vadyondzi
Kit Kat		5 learners 5 wa vadyondzi

Term 4 Lesson 36

Theme ya 4 Dyondzontsongo ya 36

Interpreting data (2)

Ku hlamusela vuxokoxoko bya tinhlayo (2)

CLASSWORK ACTIVITY I
NGHINGIRIKO WA LE TLILASINI I

13					
12					
11					
10					
9					
8					
7					
6					
5					
4					
3					
2					
1					
	Soccer Bolo ya milenge	Netball Bolo ya mavoko	Rugby Rhakibi	Hockey Hoki	Swimming Ku khida

Key/Xiletelo: _____ = one learner/mudyondzi un'we

CLASSWORK NTIRHO WA LE TLILASINI

Trees are an important resource. Sam planted trees over 5 weeks. Below is the tally table showing how many trees he planted.

Mirhi i ya nkoka swinene evuton'wini. Sam u byale mirhi ku tlula mavhiki ya 5. Laha hansi ku na tafula ra tithali leri kombaka nhlayo ya mirhi leyi a yi byaleke.

Week Vhiki	Tally Thali	Number of trees Nhlayo ya mirhi
1		6
2		5
3		14
4		4
5		2

Use the tally table to answer these questions.

Tirhisa tafula ra tithali ku hlamula swivutiso leswi:

- How many trees did Sam plant in week 1?
Xana Sam u byale mirhi yingani hi vhiki ra 1? _____
- In which week did Sam plant the most trees?
Hi rihi vhiki leri Sam a byaleke mirhi yo tala ngopfu? _____
- How many trees did he plant in that week?
Xana u byale mirhi yingani hi vhiki rero? _____
- In which week did Sam plant the least trees?
Hi rihi vhiki leri Sam a byaleke mirhi leyitsongo swinene? _____
- How many trees did he plant in that week?
U byale mirhi yingani hi vhiki rero? _____
- How many trees did Sam plant over the 5 weeks?
Xana Sam u byale mirhi yingani emavhiki laya 5? _____

HOMEWORK NTIRHOKAYA

Class 2C does a survey about each learner's favourite vegetable. Here are the results:

Tlilasi ya 2C yi lavisise matsavu lawa mudyondzi un'wana na un'wana a rhandzaka wona. Hi lowu mbuyelo wa kona:

4 – cabbage; 10 – potatoes; 8 – spinach; 12 – carrots; 6 – tomatoes.

4 – khavichi; 10 – mazambhana; 8 – xipinichi; 12 – makherotsi; 6 – matamatisi.

Draw a pictograph to show the results. Remember to use a key and to label your pictograph.

Dirowa girafu ya swifaniso u komba mbuyelo. Tsundzuka ku tirhisa na ku lebula girafu ya wena ya swifaniso.

Favourite Vegetables
Matsavu lama rhandziwaka

13					
12					
11					
10					
9					
8					
7					
6					
5					
4					
3					
2					
1					
	Cabbage Khavichi	Potatoes Mazambhana	Spinach Xipinichi	Carrots Makherotsi	Tomatoes Matamatisi

Key/Xiletelo: _____ = one vegetable/Tsavu rin'we

Term 4 Lesson 37

Theme ya 4 Dyondzontsongo ya 37

Assessment

Makambelelo

Term 4 Lesson 38/Theme ya 4 Dyondzontsongo ya 38

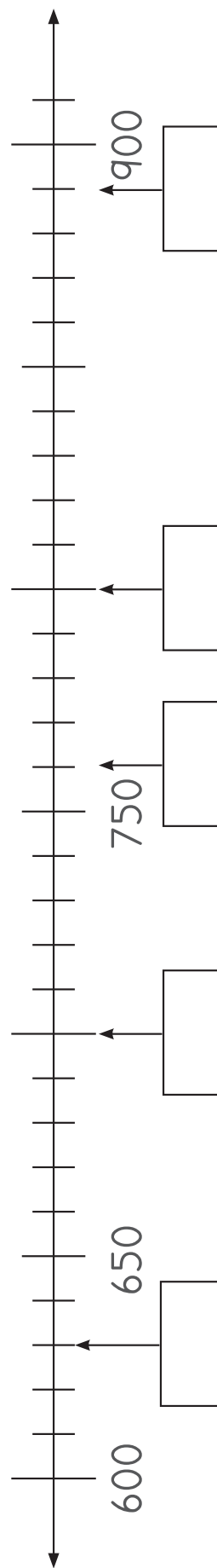
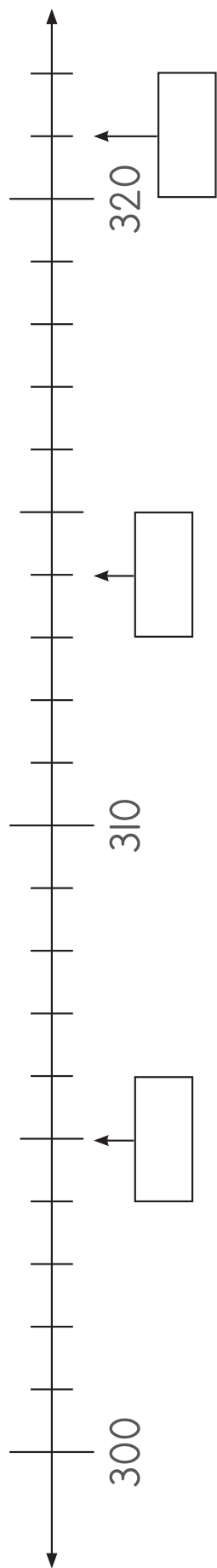
Ku lulamisela Giredi ya 3 (I)

Sequencing numbers

Ku longoloxa tinomboro

What is the number on the number line?

Hi yihi nomboro leji nga eka ndzhati wa tinomboro?



Place Value (Expanded Notation)

Vukulu bya dijiti (Nxaxameto lowu ndlandlamuxiweke)

1 How many hundreds, tens and ones?

Vangani vadzana, vakhume na van'we?

a	593	has yi na	5	hundreds wa vadzana	9	tens vakhume	3	ones van'we
b	780	has yi na		hundreds wa vadzana		tens vakhume		ones van'we
c	606	has yi na		hundreds wa vadzana		tens vakhume		ones van'we
d	444	has yi na		hundreds wa vadzana		tens vakhume		ones van'we
e	912	has yi na		hundreds wa vadzana		tens vakhume		ones van'we

2 Write using number symbols.

Tsala u tirhisa mifungho ya tinomboro.

- a 8 hundreds, 2 tens and 3 ones
8 wa vadzana, 2 wa vakhume na 3 wa van'we. _____
- b 4 hundreds, 0 tens and 1 ones
4 wa vadzana, 0 wa vakhume na 1 wa van'we. _____
- c 5 hundreds, 8 tens and 9 ones
5 wa vadzana, 8 wa vakhume na 9 wa van'we. _____
- d 8 hundreds, 4 tens and 0 ones
8 wa vadzana, 4 wa vakhume na 0 wa van'we. _____
- e 7 hundreds, 0 tens and 5 ones
7 wa vadzana, 0 wa vakhume na 5 wa van'we. _____

3 Complete the following:

Hetisa leswi landzelaka:

a $30 + 9 =$ _____

b 1 hundred + 4 ones =
 1 dzana + 4 wa van'we = _____

c Write the number name:
 Tsala vito ra nomboro:
 9 hundreds + 7 tens + 6 ones =
 9 wa vadzana + 7 wa vakhume + 6 wa van'we =

d 6 tens + 5 ones =
 6 wa vakhume + 5 wa van'we = _____

e _____ = 600 + 80

f $547 =$ _____ hundreds + _____ tens + _____ ones
 $547 =$ _____ wa vadzana + _____ wa vakhume + _____ wa van'we

Comparing and ordering numbers

Ku pimanisa na ku landzelanisa

1 Write these numbers from smallest to biggest:

Tsala tinomboro leti kusuka eka leyitsongo swinene kufika eka leyikulu swinene:

135, 357, 35 _____

2 Write the following numbers from biggest to smallest:

Tsala tinomboro leti kusuka eka leyikulu swinene kufika eka leyitsongo swinene:

170, 710, 701 _____

3 Underline the smaller number:

Bana ntila ehansi ka nomboro leyitsongo:

a 359 or/kumbe 749

b 221 or/kumbe 121

c 696 or/kumbe 666

d 524 or/kumbe 523

e 842 or/kumbe 866

4 Underline the bigger number:

Bana ntila ehansi ka nomboro leyikulu:

a 774 or/kumbe 674

b 187 or/kumbe 180

c 254 or/kumbe 261

d 340 or/kumbe 344

e 929 or/kumbe 985

5 Fill in the missing numbers:

Tata tinomboro leti siyiweke:

800, 810, _____, _____, _____, 850, _____, _____,

_____, _____, 900.

Term 4 Lesson 39

Theme ya 4 Dyondzontsongo ya 39

Preparing for Grade 3 (2)

Ku lulamisa Giredi ya 3 (2)

Addition with carrying

Ku hlanganisa ku yisa emahlweni

Solve the following problems.

Lulamisa swiphiqo leswi landzelaka.

1 $17 + 34 = \underline{\hspace{2cm}}$

	T	O	
			O:
			T:

2 $48 + 76 =$ _____

	T	O	
			O:
			T:

3 $59 + 83 =$ _____

	T	O	
			O:
			T:

Subtraction with borrowing

Ku susa hi ku lomba

Solve the following problems.

Lulamisa swiphiqo leswi landzelaka.

1 $74 - 56 = \underline{\hspace{2cm}}$

T	O	
		O:
		T:

2 $65 - 36 = \underline{\hspace{2cm}}$

T	O	
		O:
		T:

3 $81 - 78 =$ _____

	T	O	
			O:
			T:

Word problems

Swiphiqo swa marito

Solve the following problems using the column method.

Lulamisa swiphiqo leswi landzelaka u tirhisa tikhholomo.

- 1 Mom buys 17 eggs on Saturday. She buys 16 eggs on Sunday. How many eggs did she buy altogether?

Manana u xave 17 wa matandza hi Mugqivela. U xava 16 wa matandza hi Sonto. Xana mangani matandza lama a ma xaveke hinkwawo?

	T	O	
			O:
			T:

- 2 Masesi has 90 pencils. She loses 14 of their pencils. How many pencils does she have left?

Masesi u na 90 wa tipenisele. U lahlekeriwa hi 14 wa tipenisele. Tingani tipenisele leti a saleke na tona?

	T	O	
			O:
			T:

Term 4 Lesson 40

Theme ya 4 Dyondzontsongo ya 40

Preparing for Grade 3 (3)

Ku lulamisa Giredi ya 3 (3)

Multiplication word problems

Ku andzisa ka swiphiqo swa marito

Solve the following problems using your array diagram:

Lulamisa swiphiqo leswi landzelaka u tirhisa dayagiramu ya mixaxamelo:

- 1 There are 9 groups of children. There are 5 children in each group. How many children are there altogether?

Ku na 9 wa mitlawa ya vana. Ku na 5 wa vana eka ntlawa hawun'we. Xana ku na vana vangani loko va helerile.

- 2 There are 3 chocolate bars in a box. How many chocolate bars are there in 7 boxes?

Ku na tibera ti3 ta tichokoleti ebokisini. Xana ku na tibera tingani ta tichokoleti eka 7 wa mabokisi?

Multiplication Tables

Matafula ya ku andzisa

- 1 Solve the following number sentences:

Lulamisa swivulwa leswi landzelaka swa timboro:

a $9 \times 1 =$ _____

b $8 \times 3 =$ _____

c $6 \times 2 =$ _____

d $7 \times 4 =$ _____

e $8 \times 5 =$ _____

f $9 \times 4 =$ _____

g $7 \times 5 =$ _____

h $7 \times 2 =$ _____

i $9 \times 3 =$ _____

j $6 \times 4 =$ _____

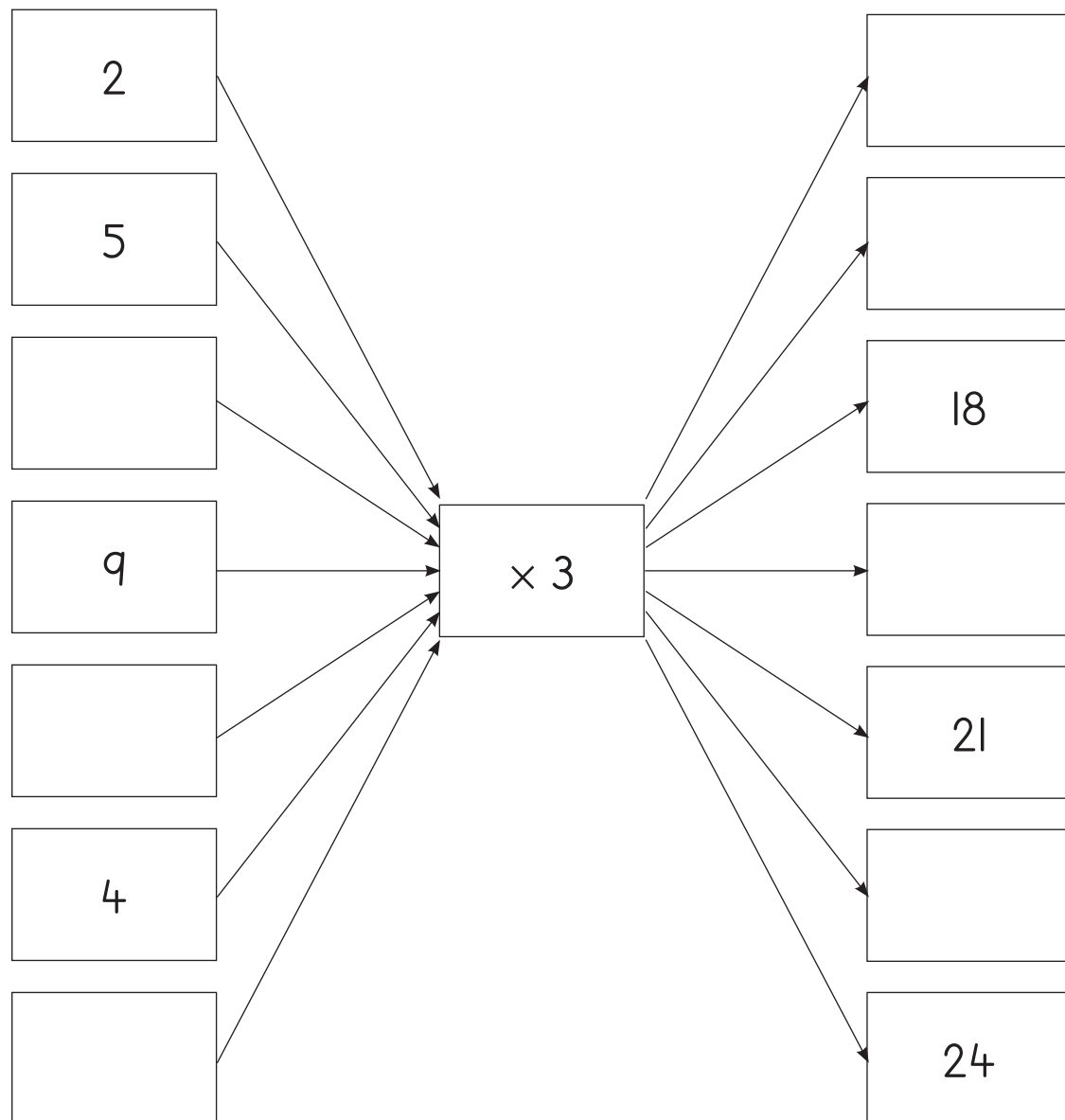
2 Complete:

Hetisa:

	1		3	4		6	7	8	9
$\times 4$		8			20				

3 Complete:

Hetisa:



Multiplication cards

Makhadi ya ku andzisa

Play the multiplication card games. Your teacher will explain the rules.

Tlangani mitlango ya makhadi ya ku andzisa. Mudyondzisi u ta mi hlamusela milawu ya matlangelo.

I Array diagram (lesson I and other)

Dayagiramu ya mixaxamelo (dyondzontsongo ya I na tin'wana)

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

2 Multiplication table (lesson 3 and other)
Tafula ra ku andzisa (dyondzontsongo ya 3
na tin'wana)

	1	2	3	4	5
1	1	2	3	4	5
2	2	4	6	8	10
3	3	6	9	12	15
4	4	8	12	16	20
5	5	10	15	20	25
6	6	12	18	24	30
7	7	14	21	28	35
8	8	16	24	32	40
9	9	18	27	36	45
10	10	20	30	40	50

3 Place value table (lesson 11 and other)

Tafula ra vukulu bya dijiti (dyondzontsongo ya 11
na tin'wana)

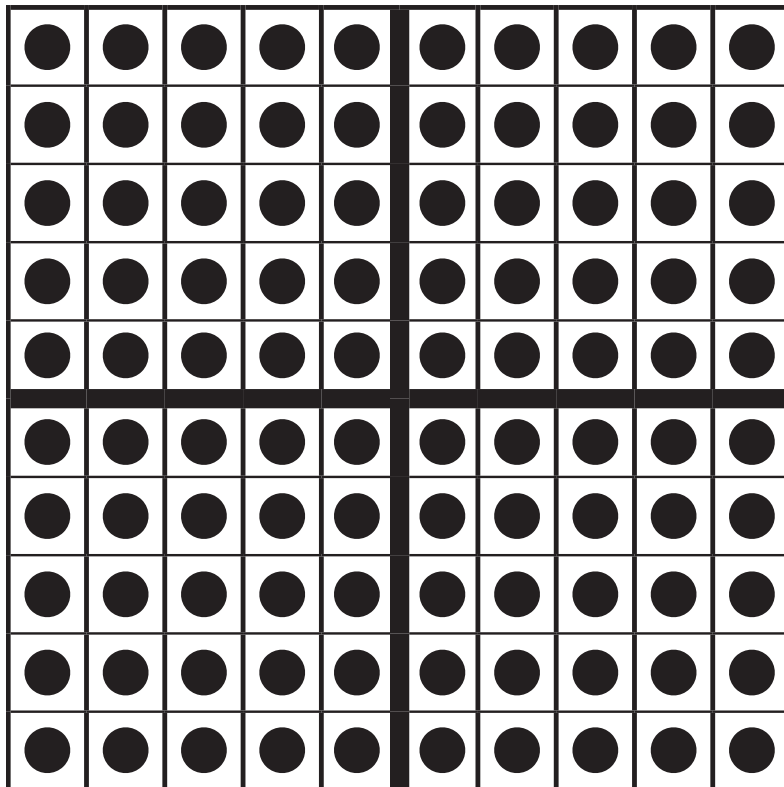
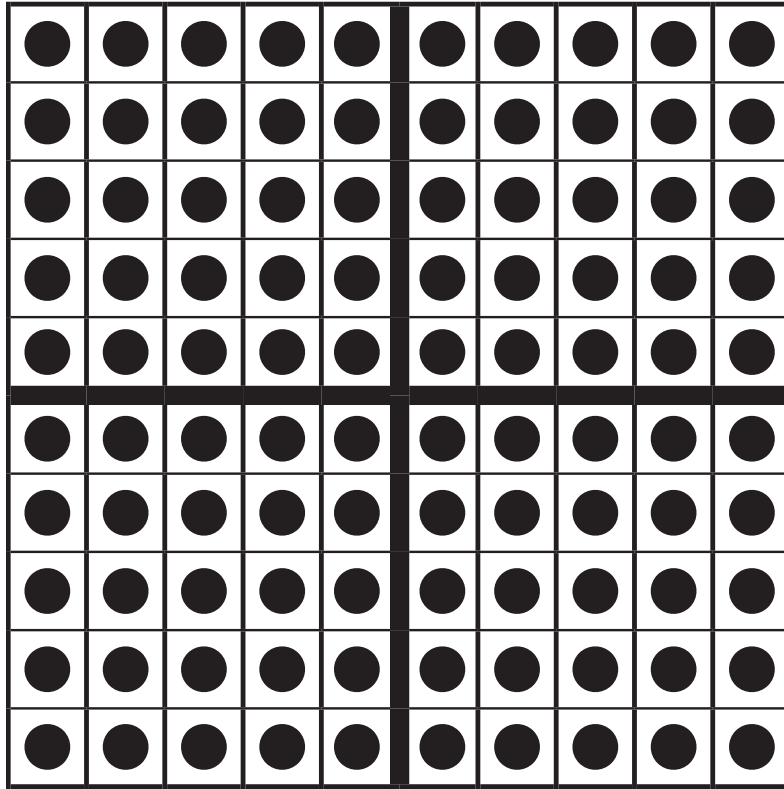
Hundreds Vadzana	Tens Vakhume	Ones Van'we

4 1000 board (lesson 11 and other)

Bodo ya 1 000 (dyondzontsongo ya 11 na tin'wana)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125
126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175
176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225
226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250
251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275
276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300
301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325
326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350
351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375
376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400
401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425
426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450
451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475
476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500
501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525
526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550
551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575
576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600
601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625
626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650
651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675
676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700
701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725
726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750
751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775
776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800
801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825
826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850
851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875
876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900
901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925
926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950
951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975
976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000

5 Base ten kit (lesson 10 and other)
Khibi ya masungulo ya le hansi ya khume
(dyondzontsongo ya 10 na tin'wana)



6 Flard cards (lesson 11 and other)

Makhadi ya fuladi (dyondzontsongo ya 11 na tin'wana)

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

