MATHEMATICS

Grade 3

English/ Xitsonga

Learner Activity Book

2020 TERM 1

Introduction

This resource pack has fifty numbered daily activities for classwork and homework. The activities correspond to the activities in the lesson plans. 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

Xikatsa lexi xa switirhisiwa xi ni migingiriko ya siku ni siku ya makumentlhanu leyi nomboriweke, ya ntirho wa le tlilasini ni ntirhokaya. Migingiriko leyi yi fambisana ni migingiriko leyi nga eka makungu ya tidyondzontsongo. Tinhlamulo ta migingiriko leyi a a ti tsariwe laha bukwini.

Switirhisiwa leswi swi tsariwe hi tindzimi timbirhi. 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 ya matematiki 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

Term 1 Lesson 1
Theme 1 Dyondzontsongo ya 1
Numbers up to 999
Tinomboro to fika eka 999

CLASSWORK   NTIRHO WA LE TLILASINI

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

Show these numbers using your base ten kit.

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

1   149

2   276

3   385

4   632

5   728

6   515

7   498

8   837

9   964

10 999

EXTENSION   NTIRHOKAYA

Read and show these numbers using your base ten kit.

Hlaya u tlhela u kombisa tinomboro leti u tirhisa khiti ya wena ya masungulo ya le hansi ya khume.

1   342

2   198

3   567

4   812

5   677

Term 1 Lesson 2
Theme 1 Dyondzontsongo ya 2
More numbers up to 999
Tinomboro tin'wana to fika ka 999

CLASSWORK   NTIRHO WA LE TLILASINI

Write the number shown by the base ten kits.

Tsala nomboro leyi kombisiwaka hi khiti ya wena ya masungulo ya le hansi ya khume.

1

_____

2

_____

3

_____

4

_____
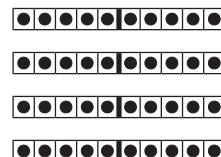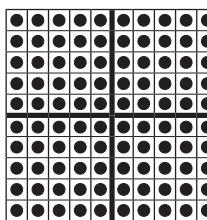
5

_____
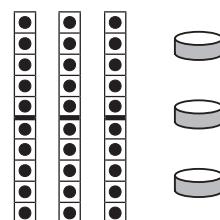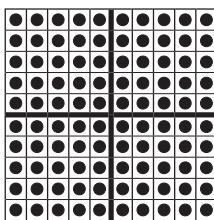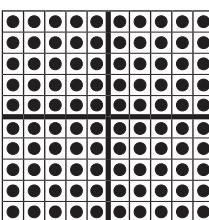
6

_____
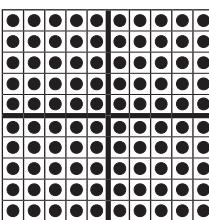
7

_____

8

_____
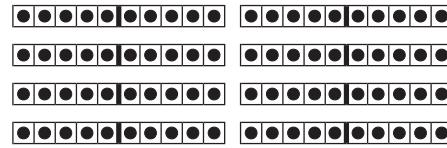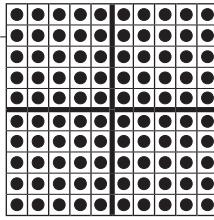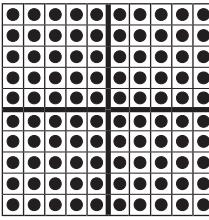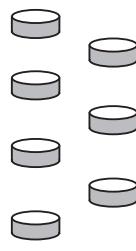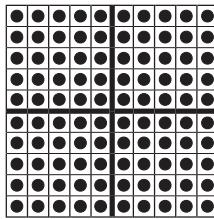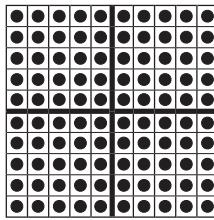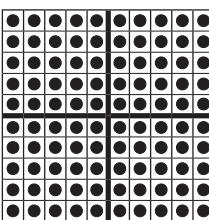
EXTENSION   XIENGETELO

Write the number shown by the base ten kits.

Tsala nomboro leyi kombisiweke u tirhisa khiti ya masungulo ya le hansi ya khume.

1

_____

2

_____

3

_____
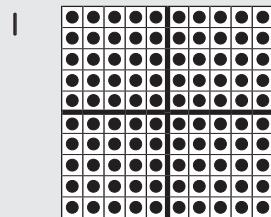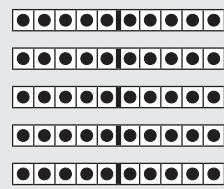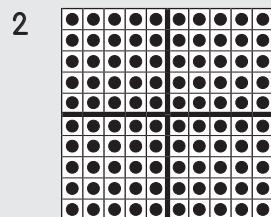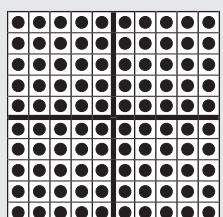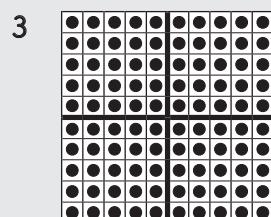
Term 1 Lesson 3
Theme 1 Dyondzontsongo ya 3
Expanded notation
Nxaxameto lowu ndlandlamuxiweke

CLASSWORK   NTIRHO WA LE TLILASINI

1   Use your flard cards to make the number. Write the number.
   Tirhisa makhadi ya fuladi ku endla nomboro. Tsala nomboro ya kona.

   a   6 hundreds, 3 tens and 4 ones
         6 wa vadzana, 3 wa vakhume na 4 wa van'we   _____

   b   4 hundreds, 9 tens and 0 ones
         4 wa vadzana, 9 wa vakhume na 0 wa van'we   _____

   c   9 hundreds, 1 ten and 7 ones
         9 wa vadzana, 1 wa vakhume na 7 wa van'we   _____

   d   2 hundreds, 0 tens and 8 ones
         2 wa vadzana, 0 wa vakhume na 8 wa van'we   _____

   e   7 hundreds, 7 tens and 7 ones
         7 wa vadzana, 7 wa vakhume na 7 wa van'we   _____

2 Use your base ten kits to make the number. Fill in the missing numbers.

Tirhisa khiti ya wena ya masungulo ya le hansi ya khume u endla nomboro.
Tata tinomboro leti siyiweke.

		has yi na		hundreds wa vadzana		tens wa vakhume		ones wa van'we
a	435							
b	569							
c	302							
d	780							
e	941							

EXTENSION   XIENGETELO

Write the number:

Tsala 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 8 ones

7 wa vadzana, 1 wa vakhume na 8 wa van'we   _____

3 5 hundreds, 0 tens and 4 ones

5 wa vadzana, 0 wa vakhume na 4 wa van'we   _____

4 8 hundreds, 4 tens and 0 ones

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

Term 1 Lesson 4
Theme 1 Dyondzontsongo ya 4
Counting forwards and backwards up to 999
Ku hlayela emahlweni na le ndzhaku ku fika eka 999

CLASSWORK   NTIRHO WA LE TLILASINI

1   Write the following as number symbols:
     Tsala mifungho ya tinomboro leti landzelaka:

   a   one hundred and eight.
       dzana na nhungu.   _____

   b   three hundred and eighteen.
       madzananharhu na khumenhungu.   _____

   c   seven hundred and eleven.
       madzanankombo na khumen'we.   _____

   d   the number between 478 and 480.
       nomboro ya le xikarhi ka 478 na 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.   _____

2   Write the following as number names:
    Tsala mavito ya tinomboro leti landzelaka:

   a   914   _____

   b   580   _____

   c   106   _____

d 200 _____

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

Hlayela hi va10. Tata tinomboro leti siyiweke eka ndzhati wa mitsengo.

a

260										

b

										580
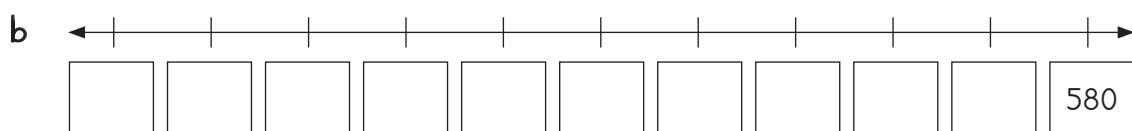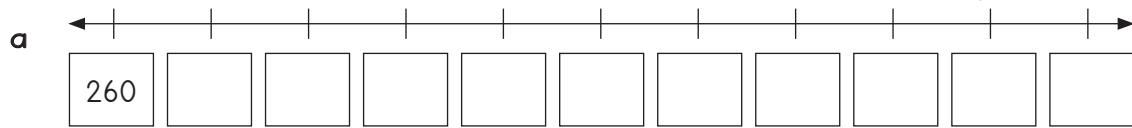
4   Count in 1s. Fill in the missing numbers on the number line.

Hlayela hi va1. Tata tinomboro leti siyiweke eka ndzhati wa mitsengo.

a

399										

b

										896
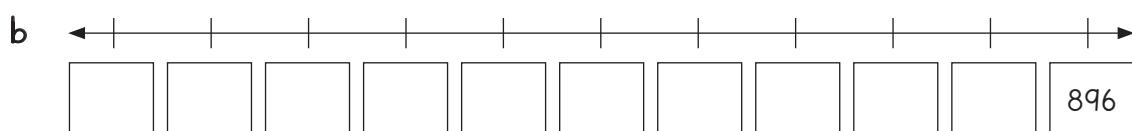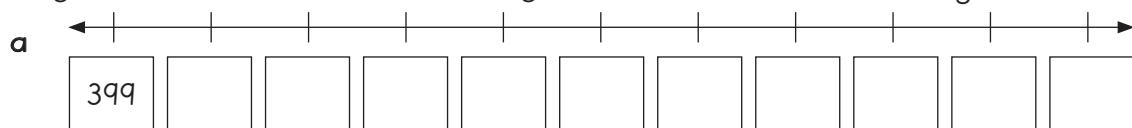
EXTENSION   XIENGETELO

1   Write the following as number names:

Tsala mavito ya tinomboro leti landzelaka:

a   145   _____

b   606   _____

2   Write the following as number symbols:

Tsala mifungho ya tinomboro leti landzelaka:

a   Three hundred and fifty-four.

Madzananharhu makumentlhanumune.   _____

b   Nine hundred and twelve.

Madzanakaye na khumembirhi.   _____

c   Seven hundred and one.

Madzanankombo na n'we.   _____

Term 1 Lesson 5
Theme 1 Dyondzontsongo ya 5
Consolidation
Nkatsakanyo

1   Write the following as number symbols:
    Tsala mifungho ya tinomboro leti landzelaka:

    a   seven hundred and thirty-eight.
       madzanankombo makumenharhunhungu.   _____

    b   one hundred and seventeen.
       dzana na 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.   _____

2   Write the following as number names:
    Tsala mavito ya tinomboro leti landzelaka:

    a 372 _____

    b 920 _____

    c 801 _____

3   Use your flard cards to make the number. Write the number:

Tirhisa makhadi ya fuladi ku endla nomboro. Tsala nomboro ya kona:

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 wa vakhume na 0 wa van'we   _____

e   3 hundreds, 0 tens and 9 ones

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

4   Use your base ten kits to make the number. Fill in the missing numbers.

Tirhisa tikhiti ta wena ta masungulo ya le hansi ya khume u endla nomboro. Tata tinomboro leti siyiweke.

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

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

Hlayela hi va10. Tata tinomboro leti siyiweke eka ndzhati wa mitsengo.

a

660										

b

|										330

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

Hlayela hi va1. Tata tinomboro leti siyiweke eka ndzhati wa mitsengo.

a

494										

b

										909

Term 1 Lesson 6
Theme 1 Dyondzontsongo ya 6
Multiples of 10
Miandziso ya 10

CLASSWORK   NTIRHO WA LE TLILASINI

1   Complete these patterns of 10:
    Hetisa tipatironi leti ta 10:

    a   670, 680 _____, _____, _____, _____, 730.

    b   483, 493, _____, _____, _____, _____, 543.

    c   670, 680_____, _____, _____, _____, _____, 740.

    d   634, 624, _____, _____, _____, _____, _____, 564.

2   Use your numbered counters to complete the following:
    Tirhisa swihlayelo swa wena leswi nomboriweke u hetisa leswi landzelaka:

There are Ku na		tens in wa vakhume	180
There are Ku na		tens in wa vakhume	250
There are Ku na		tens in wa vakhume	320

There are Ku na	14	tens in wa vakhume	
There are Ku na	21	tens in wa vakhume	
There are Ku na	36	tens in wa vakhume	

3 Draw a number line starting at 600 and going to 700. On the number line show how you would count in tens from 600 up to 700.

Dirowa ndzati wa mitsengo wu sungula eka 600 wu ya fika eka 700. Kombisa eka ndzhati wa mitsengo ndlela leyi u nga hlayelaka hi vakhume kusuka eka 600 kufika eka 700.

EXTENSION   XIENGETELO

Complete the table:

Hetisa tafula leri:

There are Ku na		tens in wa vakhume	150
There are Ku na		tens in wa vakhume	230
There are Ku na	19	tens in wa vakhume	
There are Ku na	29	tens in wa vakhume	

Term 1 Lesson 7
Theme 1 Dyondzontsongo ya 7

Assessment
Makambelelo

Term I Lesson 8
Theme I Dyondzontsongo ya 8
The number I 000
Nomboro ya I 000

CLASSWORK   NTIRHO WA LE TLILASINI

I   Complete the following:

Hetisa leswi landzelaka:

1000   1000   1000   1000
one thousand   one thousand   one thousand gidi   gidi   gidi

2 Fill in the missing numbers:

Tata tinomboro leti siyiweke:

901		903	904	905		907	908	909	
911	912	913		915	916	917		919	920
921		923	924	925		927	928	929	
931	932	933		935	936	937		939	940
941		943	944	945		947	948	949	
951	952	953		955	956	957		959	960
961		963	964	965		967	968	969	
971	972	973		975	976	977		979	980
981	982	983	984	985		987	988	989	
991	992	993		995	996	997		999	1000

3 Complete the following:

Hetisa leswi landzelaka:

a The number that is 10 more than 990

Nomboro leyikulu eka 990 hi 10 _____

b The number that is 1 less than 1000

Nomboro leyitsongo eka 1000 hi n'we _____

c The number that is 100 more than 900

Nomboro leyikulu eka 900 hi 100 _____

d The number that is 300 less than 1000

Nomboro leyikulu eka 1000 hi 300 _____

EXTENSION   XIENGETELO

Fill in the missing numbers:

Tata tinomboro leti siyiweke:

100	200								1 000
								990	1 000
			994	995	996				
1 000							300		

Term 1 Lesson 9
Theme 1 Dyondzontsongo ya 9
Numbers up to 1 000
Tinomboro to fika eka 1 000

CLASSWORK   NTIRHO WA LE TLILASINI

1   Fill in the missing numbers:

Tata tinomboro leti siyiweke:

			hundreds wa vadzana		tens wa vakhume		ones wa van'we
a	491	has yi na					
b	638	has yi na					
c	945	has yi na					
d	550	has yi na					
e	212	has yi na					

2 Fill in the missing numbers:

a 650 is | less than | 700

b 780 is | less than | 800

c 940 is | more than | 900

d 830 is | more than | 800

e 370 is | less than | 400

Tata tinomboro leti siyiweke:

a 650 yitsongo ka | 700 | hi |

b 780 yitsongo ka | 800 | hi |

c 940 yikulu ka | 900 | hi |

d 830 yikulu ka | 800 | hi |

e 370 yitsongo ka | 400 | hi |

EXTENSION   XIENGETELO

Fill in the missing numbers:

a	310	is		more than	300
b	630	is		more than	600
c	580	is		less than	600
d	260	is		less than	300
e	880	is		less than	900

Tata tinomboro leti siyiweke:

a	310	yikulu ka	300	hi	
b	630	yikulu ka	600	hi	
c	580	yitsongo ka	600	hi	
d	260	yitsongo ka	300	hi	
e	880	yitsongo ka	900	hi	

Term 1 Lesson 10
Theme 1 Dyondzontsongo ya 10
Consolidation
Nkatsakanyo

1   If there are 10 sticks |||||||||| in one bundle |, how many sticks in:

Loko ku ri na 10 wa swimhandzana |||||||||| eka nyandza yin'we |, i swingani swimhandzana eka:

a   3 bundles

   3 wa tinyandza   _____

b   7 bundles

   7 wa tinyandza   _____

c   12 bundles

   12 wa tinyandza   _____

d   9 bundles

   9 wa tinyandza   _____

e   15 bundles

   15 wa tinyandza   _____

f   8 bundles

   8 wa tinyandza   _____

g   26 bundles

   26 wa tinyandza   _____

h   35 bundles

   35 wa tinyandza   _____

2   Fill in the blanks.
    Hetisa laha ku saleke.

   a   70 , 80, 90, _____, _____, 120, _____, _____, _____, 160

   b   350, 340, 330, _____, _____,_____, _____, _____, _____, 260.

   c   _____, _____, _____, _____, _____, 910, _____, _____, 940, _____.

3   Fill in the missing numbers:
    Tata tinomboro leti siyiweke:

901		903	904		906	907		909	910
	912	913		915	916		918	919	
921	922		924	925		927	928		930
931		933	934		936	937		939	940
	942	943		945	946		948	949	
951	952		954	955		957	958		960
961		963	964		966	967		969	970
	972	973		975	976		978	979	
981	982		984	985		987	988		990
991		993	994		996	997		999	1000

4 Fill in the missing numbers:

Tata tinomboro leti siyiweke:

a	321	has yi na		hundreds wa vadzana		tens wa vakhume		ones wa van'we
b	501	has yi na		hundreds wa vadzana		tens wa vakhume		ones wa van'we
c	789	has yi na		hundreds wa vadzana		tens wa vakhume		ones wa van'we
d	650	has yi na		hundreds wa vadzana		tens wa vakhume		ones wa van'we
e	209	has yi na		hundreds wa vadzana		tens wa vakhume		ones wa van'we
f	920	has yi na		hundreds wa vadzana		tens wa vakhume		ones wa van'we
g	444	has yi na		hundreds wa vadzana		tens wa vakhume		ones wa van'we
h	817	has yi na		hundreds wa vadzana		tens wa vakhume		ones wa van'we

5   Draw base ten kit pictorials to show the following numbers:

Dirowa swifaniso swa khiti ya masungulo ya le hansi ya khume u kombisa tinomboro leti landzelaka:

a   423   **b**   591

c   605

Term 1 Lesson 11
Theme 1 Dyondzontsongo ya 11

Sequencing and comparing numbers
Ku landzelelanisa na ku pimanisa tinomboro

CLASSWORK   NTIRHO WA LE TLILASINI

1   Fill in the missing numbers on the number line:

Tata tinomboro leti siyiweke eka ndzhati wa mitsengo:

291	292								300	
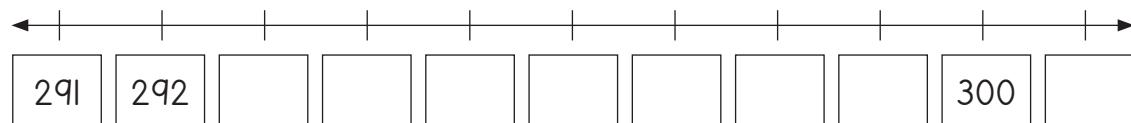
2   Can you find these numbers on the number line? Write them on the number line.

Xana u nga ti kuma tinomboro leti eka ndzhati wa mitsengo? Ti tsale ka ndzhati wa mitsengo.

		915							950	
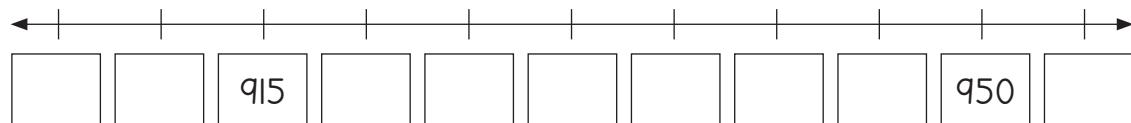
a   940

b   905

c   930

d   920

e   945

f   955

g   925

h   935

i   910

3   Which number is bigger? Show it on the number line.
    Hi yihi nomboro leyikulu? Kombisa eka ndzhati wa mitsengo.

    a   410 or/kumbe   380

    b   810 or/kumbe   930

    c   770 or/kumbe   780

EXTENSION   XIENGETELO

1   Fill in the missing numbers on the number line.
    Tata tinomboro leti siyiweke eka ndzhati wa mitsengo.

    | 350 | 351 | | | | | 356 | | | | |
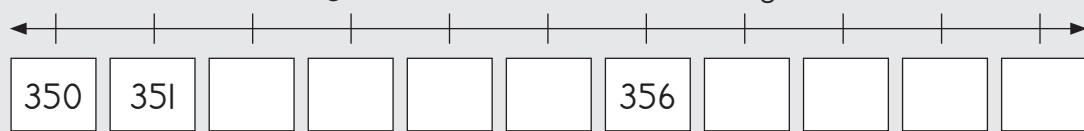
2   Can you find these numbers on the number line? Write them on the
    number line.
    Xana u nga ti kuma tinomboro leti ka ndzhati wa mitsengo? Ti tsale eka
    ndzhati wa mitsengo.

    | 490 | | | | | 540 | | | | | |
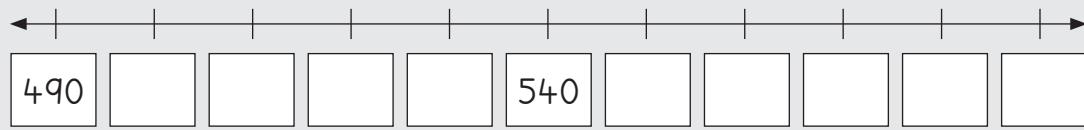
    a   495
    b   555
    c   565

Term 1 Lesson 12
Theme 1 Dyondzontsongo ya 12

Comparing, ordering and rounding off numbers
Ku pimanisa, ku xaxameta na ku katsakanya tinomboro

CLASSWORK   NTIRHO WA LE TLILASINI

1   Fill in > or <:
    Tata > kumbe <:

a   459   ____   549

b   321   ____   221

c   699   ____   966

d   211   ____   112

e   328   ____   376

f   691   ____   672

g   187   ____   178

h   934   ____   974

i   342   ____   345

j   983   ____   981

2 Draw number lines to help you round off the following numbers to the nearest ten:

Dirowa mindzhati ya mitsengo leswaku yi ku pfuna ku katsakanya tinomboro leti landzelaka u ti yisa eka khume la nga ekusuhi:

a 173 _____

b 548 _____

c 959 _____

d 795 _____

e 431 _____

EXTENSION   XIENGETELO

1   Fill in > or <:
    Tata > kumbe <:

    a   618   _____   816

    b   445   _____   455

    c   739   _____   737

2   Look at the number line.
    Languta ndzhati wa mitsengo.

| 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 |
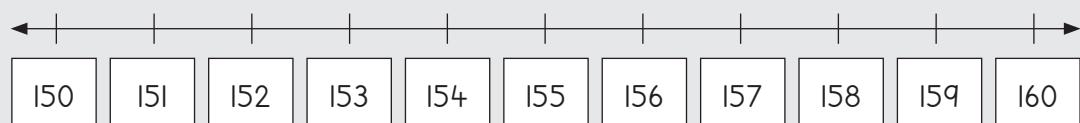
    a   152 rounded off is
        152 leyi katsakanyiweke i _____

    b   157 rounded off is
        157 leyi katsakanyiweke i _____

Term 1 Lesson 13
Theme 1 Dyondzontsongo ya 13
More numbers up to 1 000
Tinomboro tin'wana to fika eka 1 000

CLASSWORK   NTIRHO WA LE TLILASINI

1   Write the number on the line.
   Tsala nomboro eka ndzhati wa mitsengo.

   a   5 hundreds, 3 tens and 2 ones
      5 wa vadzana, 3 wa vakhume na 2 wa van'we   _____

   b   7 hundreds, 5 tens and 6 ones
      7 wa vadzana, 5 wa vakhume na 6 wa van'we   _____

   c   1 hundred, 0 tens and 4 ones
      1 wa vadzana, 0 wa vakhume na 4 wa van'we   _____

   d   4 hundreds, 9 tens and 5 ones
      4 wa vadzana, 9 wa vakhume na 5 wa van'we   _____

   e   6 hundreds, 7 tens and 0 ones
      6 wa vadzana, 7 wa vakhume na 0 wa van'we   _____

2 Complete the following:

Hetisa leswi landzelaka:

There are Ku na		tens in wa vakhume	520
There are Ku na		tens in wa vakhume	470
There are Ku na		tens in wa vakhume	610
There are Ku na	84	tens in wa vakhume	
There are Ku na	39	tens in wa vakhume	
There are Ku na	75	tens in wa vakhume	

3 Fill in the missing numbers on the number line? Write them on the number line.

Tata tinomboro leti siyiweke ka ndzhati wa mitsengo.

	885							920		
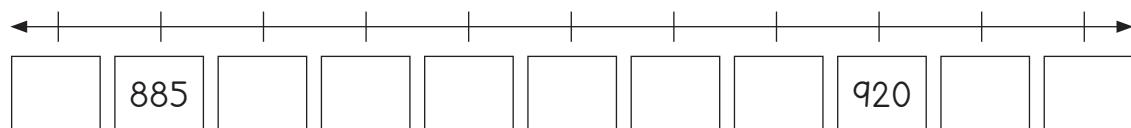
EXTENSION   XIENGETELO

Write the number on the line.

Tsala nomboro entileni.

a   3 hundreds, 0 tens and 2 ones

3 wa vadzana, 0 wa vakhume na 2 wa van'we   _____

b   9 hundreds, 6 tens and 0 ones

9 wa vadzana, 6 wa vakhume na 0 wa van'we   _____

c   5 hundreds, 5 tens and 5 ones

5 wa vadzana, 5 wa vakhume na 5 wa van'we   _____

d   7 hundreds, 2 tens and 0 ones

7 wa vadzana, 2 wa vakhume na 0 wa van'we   _____

Term 1 Lesson 14
Theme 1 Dyondzontsongo ya 14

Assessment
Makambelelo

Term 1 Lesson 15
Theme 1 Dyondzontsongo ya 15
Consolidation
Nkatsakanyo

1   Write the number:

Tsala nomboro:

a   9 hundreds, 1 tens and 7 ones

9 wa vadzana, 1 wa vakhume na 7 wa van'we   _____

b   6 hundreds, 8 tens and 2 ones

6 wa vadzana, 8 wa vakhume na 2 wa van'we   _____

c   3 hundreds, 3 tens and 0 ones

3 wa vadzana, 3 wa vakhume na 0 wa van'we   _____

d   2 hundreds, 0 tens and 3 ones

2 wa vadzana, 0 wa vakhume na 3 wa van'we   _____

e   7 hundreds, 2 tens and 9 ones

7 wa vadzana, 2 wa vakhume na 9 wa van'we   _____

2   Fill in the missing numbers on the number line:

Tata tinomboro leti siyiweke eka ndzhati wa mitsengo.

| | | 214 | 215 | | | | | | | |
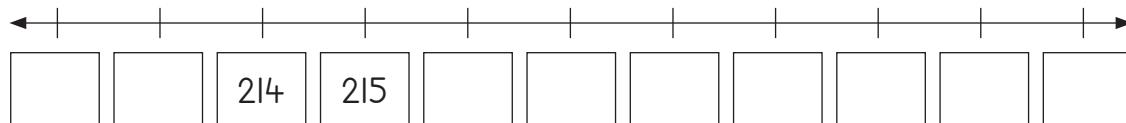
3 Can you find these numbers on the number line? Write them on the number line.

Xana u nga ti kuma tinomboro leti eka ndzhati wa mitsengo? Ti tsale eka ndzhati wa mitsengo.

				360	370					
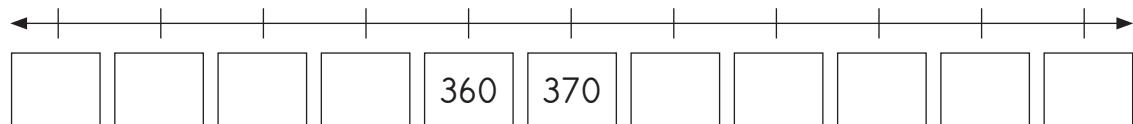
a 340   **b** 410   **c** 390

d 320   **e** 400   **f** 420

g 350   **h** 380   **i** 330

4 Fill in > or <:

Tata > kumbe <:

a 489 _____ 849

b 325 _____ 352

c 674 _____ 664

d 299 _____ 289

e 851 _____ 951

5 Draw number lines to help you round off the following numbers to the nearest ten:

Dirowa mindzhati ya mitsengo leswaku yi ku pfuna ku katsakanya tinomboro leti landzelaka u ti yisa eka khume la nga ekusuhi:

a 994 _____

b 677 _____

c 258 _____

d 422 _____

e 571 _____

Term 1 Lesson 16
Theme 1 Dyondzontsongo ya 16

Addition and subtraction of multiples of 10
Ku hlanganisa na ku susa miandziso ya 10

CLASSWORK   NTIRHO WA LE TLILASINI

Solve:

Ololoxa:

1   20 + 90 = _____ or _____ tens.

     20 + 90 = _____ kumbe _____ wa vakhume.

     or/kumbe

H wa vadzana	T wa vakhume	O wa van'we
1	1	0

2 130 – 50 = _____ or _____ tens.

130 – 50 = _____ kumbe _____ wa vakhume.

or/kumbe

H wa vadzana	T wa vakhume	O wa van'we
1	1	0

3 200 + 600 = _____ or _____ tens.

200 + 600 = _____ kumbe _____ wa vakhume.

or/kumbe

H wa vadzana	T wa vakhume	O wa van'we
1	1	0

4 900 – 700 = _____ or _____ tens.

900 – 700 = _____ kumbe _____ wa vadzana.

or/kumbe

H wa vadzana	T wa vakhume	O wa van'we
1	1	0

5 60 + 70 = _____ or _____ tens.

60 + 70 = _____ kumbe _____ wa vakhume.

or/kumbe

H wa vadzana	T wa vakhume	O wa van'we
1	1	0

EXTENSION   XIENGETELO

Solve:

Ololoxa:

1   40 + 90 = _____ or _____ tens.

    40 + 90 = _____ kumbe _____ wa vakhume.

    or/kumbe

H wa vadzana	T wa vakhume	O wa van'we
1	1	0

2   700 − 300 = _____ or _____ tens.

    700 − 300 = _____ kumbe _____ wa vadzana.

    or/kumbe

H wa vadzana	T wa vakhume	O wa van'we
1	1	0

Term I Lesson 17
Theme I Dyondzontsongo ya 17

Mental maths – addition

Menthele – ku hlanganisa

CLASSWORK   NTIRHO WA LE TLILASINI

1   Fill in the missing numbers:

Tata tinomboro leti siyiweke:

a   15 + _____ = 20

b   13 + _____ = 20

c   17 + _____ = 20

d   19 + _____ = 20

e   16 + _____ = 20

2   Solve the following:

Ololoxa leswi landzelaka:

a   82 + 8 = _____

b   55 + 5 = _____

c   63 + 7 = _____

d   46 + 4 = _____

e   21 + 9 = _____

f   74 + 6 = _____

g   38 + 2 = _____

h   57 + 3 = _____

EXTENSION   XIENGETELO

Solve the following:

Ololoxa leswi landzelaka:

a   41 + 9 = _____

b   37 + 3 = _____

c   28 + 2 = _____

d   65 + 5 = _____

e   84 + 6 = _____

Term 1 Lesson 18
Theme 1 Dyondzontsongo ya 18
Mental maths – addition with carrying
Menthele – ku hlanganisa no yisa nomboro emahlweni

CLASSWORK   NTIRHO WA LE TLILASINI

1   Break up the number to find the solution:
Tlhantlha nomboro leswaku u kuma nhlamulo:

a   27 + 5 =   _____

b   68 + 5 =   _____

c   55 + 7 =   _____

d   83 + 9 =   _____

e   18 + 4 =   _____

2 Solve:

Ololoxa:

 a 48 + 3 = _____

 b 19 + 7 = _____

 c 65 + 6 = _____

 d 75 + 8 = _____

 e 13 + 9 = _____

3 What do we get if we add:

Hi kuma yini loko hi hlanganisa:

 a 13 + 80 = _____

 b 51 + 20 = _____

EXTENSION   XIENGETELO

Break up the number to find the solution:

Tlhantlha nomboro leswaku u kuma nhlamulo:

a   54 + 7 =   _____
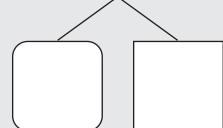
b   29 + 5 =   _____
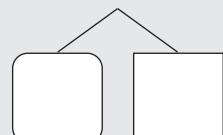
c   63 + 9 =   _____
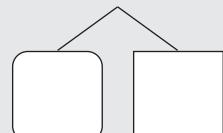
d   42 + 9 =   _____
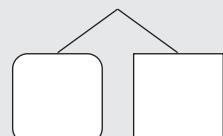
Term 1 Lesson 19
Theme 1 Dyondzontsongo ya 19
Mental maths – subtraction
Menthele – ku susa

CLASSWORK   NTIRHO WA LE TLILASINI

1   Fill in the missing numbers:
     Tata tinomboro leti siyiweke:

    a   20 is 13 and   _____

        20 i 13 na   _____

    b 20 is 19 and   _____

        20 i 19 na   _____

    c 20 is 12 and   _____

        20 i 12 na   _____

    d 20 is 16 and   _____

        20 i 16 na   _____

    e 20 is 15 and   _____

        20 i 15 na   _____

2 Solve the following:

Ololoxa leswi landzelaka:

   a 20 – 7 = _____

   b 70 – 5 = _____

   c 40 – 1 = _____

   d 30 – 8 = _____

   e 60 – 6 = _____

   f 80 – 9 = _____

   g 50 – 3 = _____

   h 90 – 2 = _____

EXTENSION   XIENGETELO

Solve the following:

Ololoxa leswi landzelaka:

a 30 – 1 = _____

b 70 – 8 = _____

c 20 – 5 = _____

d 90 – 3 = _____

e 60 – 4 = _____

Term 1 Lesson 20
Theme 1 Dyondzontsongo ya 20

Consolidation
Nkatsakanyo

1 Solve the problems:

Ololoxa swiphiqo leswi:

a 57 + 5 = _____

b 39 + 3 = _____

c 65 + 8 = _____

d 46 + 7 = _____

e 57 + 4 = _____

f 79 + 4 = _____

g 32 + 9 = _____

h 83 + 8 = _____

2 Fill in the missing numbers:
Tata tinomboro leti siyiweke:

a 55 + _____ = 60

b 37 + _____ = 40

c 41 + _____ = 50

3 Solve the following:
Tlhantlha leswi landzelaka:

a 53 + _____ = 60

b 42 + 8 = _____

c 27 + _____ = 30

d 88 + 2 = _____

4 Fill in the missing numbers:
Tata tinomboro leti siyiweke.

a 20 is 14 and
20 i 14 na _____

b 30 is 29 and
30 i 29 na _____

c 40 is 32 and
40 i 32 na _____

5 Solve the following:

Ololoxa leswi landzelaka:

a 40 – 6 = _____

b 80 – 5 = _____

c 20 – 9 = _____

d 60 – 7 = _____

Term 1 Lesson 21
Theme 1 Dyondzontsongo ya 21

Mental maths – subtraction with borrowing

Menthele – ku susa na ku lomba

CLASSWORK   NTIRHO WA LE TLILASINI

1   Break down the number into tens and ones to find the solution:

Tlhantlha nomboro hi vakhume na van'we leswaku u kuma nhlamulo:

a   24 – 9 = _____

b   57 – 8 = _____

c   26 – 8 = _____

d   85 – 8 = _____

e   92 – 7 = _____

2 Solve the problems:
   Ololoxa swiphiqo leswi:

   a 22 − 8 = _____

   b 52 − 9 = _____

   c 77 − 9 = _____

   d 26 − 7 = _____

   e 81 − 4 = _____

3 What do we get if we subtract:
   Hi kuma yini loko hi susa:

   a 63 − 10 = _____

   b 93 − 50 = _____

EXTENSION   XIENGETELO

Break down the number into tens and ones to find the solution:

Tlhantlha nomboro hi vakhume na van'we leswaku u kuma nhlamulo:

a   63 – 9 = _____

b   57 – 8 = _____

c   45 – 7 = _____

d   32 – 6 = _____
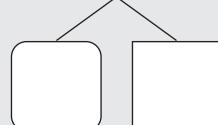
Term 1 Lesson 22
Theme 1 Dyondzontsongo ya 22

Assessment
Makambelelo

Term 1 Lesson 23
Theme 1 Dyondzontsongo ya 23

Addition using the column method
Ku hlanganisa u tirhisa tikholomo

CLASSWORK   NTIRHO WA LE TLILASINI

Solve the following using base ten kits, then using the column method:

Ololoxa leswi landzelaka u tirhisa tikhiti ta wena ta masungulo ya le hansi ya khume, kutani u tirhisa tikholomo:

a   71 + 64 = _____   **b**   53 + 65 = _____

c   41 + 88 = _____   **d**   85 + 92 = _____

e   67 + 81 = _____

EXTENSION XIENGETELO

a 82 + 57 = _____

b 31 + 95 = _____

c 73 + 84 = _____

Term I Lesson 24
Theme I Dyondzontsongo ya 24

Addition using the column method and a number line
Ku hlanganisa u tirhissa tikholomo na ndzhati
wa mitsengo

CLASSWORK   NTIRHO WA LE TLILASINI

I   Solve the following using the column method:
     Ololoxa leswi landzelaka u tirhisa tikholomo:

   a   85 + 49 = _____   **b**   77 + 69 = _____

   c   38 + 76 = _____

2   Solve the following using a number line:
     Ololoxa leswi landzelaka u tirhisa ndzhati wa mitsengo:

   a   65 + 58 = _____

b 74 + 69 = _____

$\longleftarrow\hspace{5cm}\longrightarrow$

c 37 + 89 = _____

$\longleftarrow\hspace{5cm}\longrightarrow$
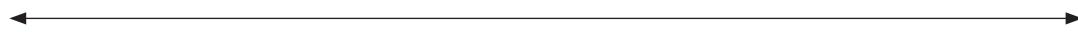
EXTENSION   XIENGETELO

1   Solve the following using the column method:
Ololoxa leswi landzelaka u tirhisa tikholomo:

a 79 + 64 = _____   **b** 48 + 84 = _____

2   Solve the following using a number line:
Ololoxa leswi landzelaka u tirhisa ndzhati wa mitsengo:

33 + 79 = _____

$\longleftarrow\hspace{5cm}\longrightarrow$
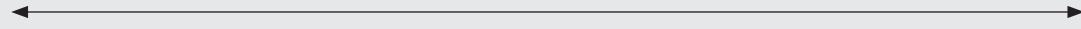
Term 1 Lesson 25
Theme 1 Dyondzontsongo ya 25
Consolidation
Nkatsakanyo

1   Solve the following using the column method:

Ololoxa leswi landzelaka u tirhisa tikholomo:

a   29 + 78 = _____

b   43 + 99 = _____

c   65 + 89 = _____

d   59 + 74 = _____

2 Solve the following by a number line:

Ololoxa leswi landzelaka u tirhisa ndzhati wa mitsengo:

a 37 + 89 = _____

b 68 + 54 = _____

c 87 + 38 = _____

d 44 + 77 = _____

Term I Lesson 26
Theme I Dyondzontsongo ya 26

Addition using various strategies

Ku hlanganisa u tirhisa maqhinga yo hambanahambana

CLASSWORK   NTIRHO WA LE TLILASINI

Solve the following using the column method, simplified pictorials and a number line:

Ololoxa leswi landzelaka u tirhisa tikholomo, swifaniso leswi olovisiweke na ndzhati wa mitsengo:

a 39 + 84 = _____

b 58 + 77 = _____

c 94 + 48 = _____

EXTENSION   XIENGETELO

Solve the following using the column method, simplified pictorials _and_ a number line:

Ololoxa leswi landzelaka u tirhisa tikholomo, swifaniso leswi olovisiweke na ndzhati wa mitsengo:

a   86 + 65 = _____

b   67 + 96 = _____

Term 1 Lesson 27
Theme 1 Dyondzontsongo ya 27

Assessment
Makambelelo

Term 1 Lesson 28
Theme 1 Dyondzontsongo ya 28

Subtraction using the column method
Ku susa u tirhisa tikholomo

CLASSWORK   NTIRHO WA LE TLILASINI

Solve the following using the column method:
Ololoxa leswi landzelaka u tirhisa tikholomo:

a   159 – 64 = _____   b   128 – 41 = _____

c   136 – 82 = _____   d   167 – 73 = _____

e   119 – 36 = _____

EXTENSION   XIENGETELO

Solve the following:

Tlhantha leswi landzelaka:

a $155 - 92 =$ _____

b $139 - 45 =$ _____

c $147 - 74 =$ _____

Term I Lesson 29
Theme I Dyondzontsongo ya 29
Subtraction using the column method
Ku susa u tirhisa tikholomo

CLASSWORK   NTIRHO WA LE TLILASINI

Solve the following using the column method and simplified pictorials:

Ololoxa leswi landzelaka u tirhisa tikholomo na swifaniso leswi olovisiweke:

a   114 – 28 = _____

b   144 – 67 = _____

c   123 – 98 = _____

d   167 – 79 = _____

e   131 – 64 = _____

EXTENSION   XIENGETELO

Solve the following using the column method and simplified pictorials:

Ololoxa leswi landzelaka u tirhisa tikholomo na swifaniso leswi olovisiweke:

a   112 − 38 = _____

b   131 − 95 = _____

c   184 − 87 = _____

Term I Lesson 30
Theme I Dyondzontsongo ya 30

Consolidation
Nkatsakanyo

I Solve the following using simplified pictorials:

Ololoxa leswi landzelaka u tirhisa swifaniso leswi olovisiweke:

a 81 + 76 = _____

H wa vadzana	T wa vakhume	O wa van'we

b 42 + 89 = _____

H wa vadzana	T wa vakhume	O wa van'we

c   175 − 82 = _____

H wa vadzana	T wa vakhume	O wa van'we

d   142 − 65 = _____

H wa vadzana	T wa vakhume	O wa van'we

2   Solve the following using the column method:
    Ololoxa leswi landzelaka u tirhisa tikholomo:

    a   56 + 75 = _____   **b**   99 + 99 = _____

    c   113 − 48 = _____   **d**   162 − 88 = _____

3   Solve the following by using a number line:
    Ololoxa leswi landzelaka u tirhisa ndzhati wa mitsengo:

    a   22 + 89 = _____

    b   69 + 73 = _____

Term 1 Lesson 31
Theme 1 Dyondzontsongo ya 31
Subtraction using the column method
Ku susa u tirhisa tikholomo

CLASSWORK   NTIRHO WA LE TLILASINI

Solve using the column method:

Ololoxa hi ku tirhisa tikholomo:

a   105 − 56 = _____

b   103 − 49 = _____

c   106 − 9 = _____

d   100 − 4 = _____

e   142 − 138 = _____

EXTENSION   XIENGETELO

Solve using the column method:

Ololoxa hi ku tirhisa tikholomo:

a   107 – 49 = _____

b   108 – 9 = _____

c   121 – 116 = _____

Term 1 Lesson 32
Theme 1 Dyondzontsongo ya 32

Subtraction using various strategies
Ku susa u tirhisa maqhinga yo hambanahambana

CLASSWORK   NTIRHO WA LE TLILASINI

1   Solve the problems using the column method:
    Ololoxa xiphiqo hi ku tirhisa tikholomo:

a   136 – 97 = _____   b   166 – 78 = _____

c   144 – 99 = _____   d   192 – 98 = _____

e   155 – 79 = _____

2 Check to see if these subtraction problems are correct by adding.

Put a tick or a cross to show if the subtraction problem is correct or incorrect.
Hlanganisa u kamba loko swiphiqo leswi swo susa swi lulamile

Gwajula kumbe u ba xihambano ku komba leswaku xiphiqo lexo susa xi lulamile kumbe xi hoxile.

	Correct Lulamile	Incorrect Hoxile

a 158 – 79 = 98

	H	T	O
		9	8
+		7	9
	1	7	7

b 111 – 22 = 89

	H	T	O
		8	9
+		2	2
	1	1	1

c 143 – 86 = 57

	H	T	O
		5	7
+		8	6
	1	4	3

d 137 – 18 = 43

	H	T	O
		4	3
+		1	8
		6	1

EXTENSION   XIENGETELO

Check to see if these subtraction problems are correct by adding.

Put a tick or a cross to show if the subtraction problem is correct or incorrect.

Hlanganisa u vona loko swiphiqo leswi swo susa swi lulamile.

Gwajula kumbe u ba xihambano ku komba loko xiphiqo xo susa xi lulamile kumbe xi hoxile.

		H	T	O	Correct Lulamile	Incorrect Hoxile
a	$147 - 69 = 78$		1			
			7	8		
	+		6	9		
		1	4	7		
b	$165 - 86 = 89$		1			
			8	9		
	+		8	6		
		1	7	5		

Term 1 Lesson 33
Theme 1 Dyondzontsongo ya 33

Assessment
Makambelelo

Term 1 Lesson 34
Theme 1 Dyondzontsongo ya 34

Addition and subtraction using the column method
Ku hlanganisa na ku susa hi ku tirhisa tikholomo

CLASSWORK   NTIRHO WA LE TLILASINI

Solve the problems using the column method:

Ololoxa swiphiqo u tirhisa tikholomo:

a 352 + 44 = _____   **b** 463 + 24 = _____

c 327 + 51 = _____   **d** 546 + 23 = _____

e 713 + 55 = _____

f 295 – 31 = _____

g 479 – 46 = _____

h 589 – 54 = _____

i 672 – 62 = _____

j 899 – 98 = _____

EXTENSION   XIENGETELO

Solve the problems using the column method:

Ololoxa swiphiqo u tirhisa tikholomo:

a   737 + 51 = _____   b   327 + 22 = _____

c   376 − 32 = _____   d   654 − 42 = _____

Term 1 Lesson 35
Theme 1 Dyondzontsongo ya 35

Consolidation
Nkatsakanyo

1   Solve the following using the column method:
    Ololoxa leswi landzelaka u tirhisa tikholomo:

   a   43 + 68 = _____   b   88 + 74 = _____

   c   146 – 77 = _____   d   191 – 45 = _____

e   103 – 8 = _____

2   Solve the following using a number line:

Ololoxa leswi landzelaka u tirhisa ndzhati wa mitsengo:

a   52 + 79 = _____   b   146 – 129 = _____

3   Check to see if these subtraction problems are correct by adding.

Put a tick or a cross to show if the subtraction problem is correct or incorrect.
Hlanganisa u vona loko swiphiqo leswi swo susa swi lulamile.

Gwajula kumbe u ba xihambano u komba loko xiphiqo xo susa xi lulamile kumbe xi hoxile.

				Correct Lulamile	Incorrect Hoxile
		T	O		
		1			
a 542 – 19 = 523	5	2	3		
+		1	9		
	5	4	2		
		T	O		
		1			
b 381 – 49 = 323	3	2	3		
+		4	9		
	3	7	2		

Term 1 Lesson 36
Theme 1 Dyondzontsongo ya 36
Word problems
Swiphiqo swa marito

CLASSWORK   NTIRHO WA LE TLILASINI

Solve the word problems using a bar diagram:

Ololoxa swiphiqo swa marito u tirhisa dayagiramu:

a   The teacher has 342 pencils. The shop down the road gives her 69 more. How many pencils does she have now?

Mudyondzisi u na 342 wa tipenisele. Shopo leyi nga lahaya tlhelo ka pato yi n'wi nyikile tin'wana ta 69. Xana u na tipenisele tingani sweswi?

b   Thembi picks up 543 shells. 29 were broken. How many unbroken shells does Thembi have?

Thembi u rholele 543 wa tinkatla. 29 ti fayekile. Xana Thembi u na tinkatla tingani leti nga fayekangiki?

EXTENSION   XIENGETELO

Draw a bar diagram to show the following addition problem.

Silo picks up 264 pieces of litter. He then picks up another 17 pieces of litter. How many pieces of litter did Silo pick up altogether?

Dirowa dayagiramu ya tibara yi kombisa xiphiqo lexi landzelaka xa ku hlanganisa.

Silo u rholele 264 wa malakatsa. Hiloko a rholela man'wana ya 17. Xana i mangani malakatsa hinkwawo lama rholeriweke hi Silo?

Term 1 Lesson 37
Theme 1 Dyondzontsongo ya 37

Revision of addition and subtraction

Mpfuxeto wa ku hlanganisa ni ku susa

CLASSWORK   NTIRHO WA LE TLILASINI

Solve the problems then check your answers.

Ololoxa swiphiqo leswi kutani u kamba tinhlamulo ta wena.

	Solve the problems using the column method	Check to see if you solved it correctly
	Ololoxa swiphiqo hi ku tirhisa tikholomo	Kamba loko u xi tlhantlhe kahle

a 142 − 74 = _____

H	T	O

H	T	O

b 125 − 46 = _____

H	T	O

H	T	O

c 687 − 59 = _____

H	T	O

H	T	O

d 574 − 35 = _____

H	T	O

H	T	O

Solve the problems using the column method

Ololoxa swiphiqo hi ku tirhisa tikholomo

Check to see if you solved it correctly

Kamba loko u xi tlhantlhe kahle

H	T	O

H	T	O

e   105 – 58 = _____

EXTENSION   XIENGETELO

Solve the problems then check your answers.

Ololoxa swiphiqo leswi kutani u kamba tinhlamulo ta wena.

Solve the problems using the column method

Ololoxa swiphiqo hi ku tirhisa tikholomo

Check to see if you solved it correctly

Kamba loko u xi tlhantlhe kahle

a   126 – 89 = _____

H	T	O

H	T	O

b   843 – 29 = _____

H	T	O

H	T	O

Term 1 Lesson 38
Theme 1 Dyondzontsongo ya 38
Assessment
Makambelelo

Term I Lesson 39
Theme I Dyondzontsongo ya 39
What's the missing number? Part I
Hi yihi nomboro leyi siyiweke? Xiyenge I

CLASSWORK   NTIRHO WA LE TLILASINI

Complete the following. You may want to draw a number line to help you.
Hetisa leswi landzelaka. U nga dirowa ndzhati wa mitsengo leswaku swi ku olovela.

1   _____ − 5 − 4 = 2   2   _____ + 7 + 1 = 12

3   _____ − 6 + 3 = 7   4   _____ + 9 − 1 = 11

5   _____ − 8 − 8 = 4   6   _____ + 5 + 7 = 20

7   _____ − 4 + 6 = 15   8   _____ + 3 − 7 = 13

9   What number do we add to 2 and 8 to get 15?
    Hi yihi nomboro hi yi hlanganisaka na 2 na 8 leswaku hi kuma 15?

    _____

10 What number do we add to 8 and 9 to get 20?
    Hi yihi nomboro hi yi hlanganisaka na 8 na 9 leswaku hi kuma 20?

    _____

EXTENSION   XIENGETELO

Complete the following:

Hetisa leswi landzelaka:

1   _____ − 5 − 6 = 8

2   _____ + 2 − 9 = 11

3   _____ − 6 + 7 = 9

Term 1 Lesson 40
Theme 1 Dyondzontsongo ya 40
Consolidation
Nkatsakanyo

1   I am thinking of a number. When I take 7 away from the number my answer is 11. What number am I thinking of?

Ndzi ehleketa nomboro. Loko ndzi susa 7 eka nomboro yoleyo nhlamulo ya mina i 11. Hi yihi nomboro leyi ndzi ehleketaka yona?

_____

2   Show the following number sentence on the number line:

Kombisa xivulwa lexi landzelaka xa ntsengo eka ndzhati wa mitsengo:

_____ − 3 − 7 = 15

3   Show the following number sentence on the number line:

Kombisa xivulwa xa tinomboro lexi landzelaka eka ndzhati wa mitsengo:

_____ + 8 + 2 = 18

4   _____ − 8 − 9 = 10

5   _____ − 4 + 5 = 13

6   _____ + 8 − 3 = 10

7   _____ + 4 + 5 = 14

Term 1 Lesson 41
Theme 1 Dyondzontsongo ya 41
What's the missing number? Part 2
Hi yihi nomboro leyi siyiweke? Xiyenge 2

CLASSWORK   NTIRHO WA LE TLILASINI

Complete the following. You may want to draw a number line to help you.
Hetisa leswi landzelaka.

1   11 and how many make 20?
     I 11 na swingani leswi endlaka 20? _____

2   8 + 5 + _____ = 14

3   If I have 9 sweets. How many more do I need to have 15 sweets?
     Loko ndzi ri na 9 wa malekere. Ndzi kayivela mangani leswaku ndzi va na 15 wa malekere?

     _____

4   12 + 7 – _____ = 16   5   3 + 10 + _____ =17

6   17 and how many make 25?
     I 17 na swingani leswi endlaka 25? _____

7   15 – 10 + _____ = 12   8   5 + 11 + _____ =21

9   16 + 4 – _____ =13   10   17 – 4 – _____ = 9

EXTENSION   XIENGETELO

Complete the following:

Hetisa leswi landzelaka:

1   5 + 6 + _____ = 18

2   7 + 7 – _____ = 8

3   11 – 5 + _____ = 13

Term 1 Lesson 42
Theme 1 Dyondzontsongo ya 42

Assessment
Makambelelo

Term 1 Lesson 43
Theme 1 Dyondzontsongo ya 43

Counting in 2s and 4s
Ku hlayela hi va2 na va4

CLASSWORK   NTIRHO WA LE TLILASINI

1   Extend the pattern:
     Ndlandlamuxa patironi:

    a   112, 116, 120, _____, _____, _____

    b   116, 112, 108, _____, _____, _____

    c   164, 162, 160, _____, _____, _____

    d   132, 129, 126, _____, _____, _____

2   Draw the following number lines:
     Dirowa mindzhati ya mitsengo leyi landzelaka:

    a   4s from 492 to 528
           Va4 ku suka ka 492 kuya eka 528

b 3s from 492 to 528

Va3 kusuka ka 492 kuya eka 528

<——>

c Which numbers are in both the 3s pattern and the 4s pattern?

Hi tihi tinomboro leti kumekaka eka tipatironi ta va3 na tipatironi ta va4?

_____

EXTENSION   XIENGETELO

Complete the pattern:

Hetisa patironi leyi:

1   100, _____, 108, _____, 116, _____

2   100, _____, 104, _____,_108, _____, 112.

3   Which numbers are in both the 2s pattern and the 4s pattern?

Hi tihi tinomboro leti kumekaka eka tipatironi ta va2 na tipatironi ta va4?

_____

Term 1 Lesson 44
Theme 1 Dyondzontsongo ya 44
Counting in 20s, 25s, 50s and 100s
Ku hlayela hi va20, va25, va50 na va100

CLASSWORK   NTIRHO WA LE TLILASINI

1   Describe these patterns:

Hlamusela tipatironi leti:

a   200, 220, 240, 260, 280, 300.320, 340, 360, 380, 400

b   200, 225, 250, 275, 300, 325, 350, 375, 400

c   200, 250, 300, 350, 400

d   200, 300, 400

e   What's common if I count in 20s and 25s from 200 to 400?

Hi tihi tinomboro leti kumekaka hinkwako loko ndzi hlayela hi va20 na va25 ndzi sungula ka 200 kufika eka 400?

_____

f   What's common if I count in 25s and 50s from 200 to 400?

Hi tihi tinomboro leti kumekaka hinkwako loko ndzi hlayela hi va25 na va50 ndzi sungula ka 200 kufika eka 400?

_____

g   What's common if I count in 50s and 100s from 200 to 400?

Hi tihi tinomboro leti kumekaka hinkwako loko ndzi hlayela hi va50 na va100 ndzi sungula ka 200 kufika eka 400?

_____

h What's common if I count in 20s and 100s from 200 to 400?

Hi tihi tinomboro leti kumekaka hinkwako loko ndzi hlayela hi va20 na va100 ndzi sungula ka 200 kufika eka 400?

_____

i What's common if I count in 20s, 25s, 50s and 100s from 200 to 400?

Hi tihi tinomboro leti kumekaka hinkwako loko ndzi hlayela hi va20, va25, va50, na va100 ndzi sungula ka 200 kufika eka 400?

_____

2 Extend these patterns:

Ndlandlamuxa tipatironi:

a 499, 494, 489, _____, _____, _____

b 380, 360, 340, _____, _____, _____

c 500, 400, 300, _____, _____, _____

d 236, 336, 436, _____, _____, _____

EXTENSION   XIENGETELO

Extend these patterns:
Ndlandlamuxa tipatironi:

1   300, 400, _____

2   300, 350, _____, 450, _____

3   300, 325, 350, _____, 400, _____, 450, _____, 500

4   What is common between 1 and 2?
     I yini lexi kumekaka eka 1 na 2? _____

5   What is common between 2 and 3?
     I yini lexi kumekaka eka 2 na 3? _____

6   What is common between 1 and 3?
     I yini lexi kumekaka eka 1 na 3?   _____

Term 1 Lesson 45
Theme 1 Dyondzontsongo ya 45
Consolidation
Nkatsakanyo

1   Describe these patterns:
    Hlamusela tipatironi leti:

    a   100, 102, 104, 106, 108. _____

    b   360, 370, 380, 390, 400. _____

    c   414, 417, 420, 423. _____

2   Extend these patterns:
    Ndlandlamuxa tipatironi:

    a   199, 299, 399, _____, _____

    b   580, 560, 540, _____, _____, _____

    c   450, 500, 550, _____, _____, _____

3   Draw the following number lines:
    Dirowa mindzhati ya mitsengo leyi landzelaka:

    a   5s from 720 to 765
        Va5 kusuka ka 720 kufika ka 765

b 3s from 720 to 765

Va3 kusuka ka 720 kufika ka 765

c Which numbers are in both the 5s pattern and the 3s pattern.

Hi tihi tinomboro leti kumekaka ka patironi ya va5 na le ka patironi ya va3?

_____

4 Complete the following:

Hetisa leswi landzelaka:
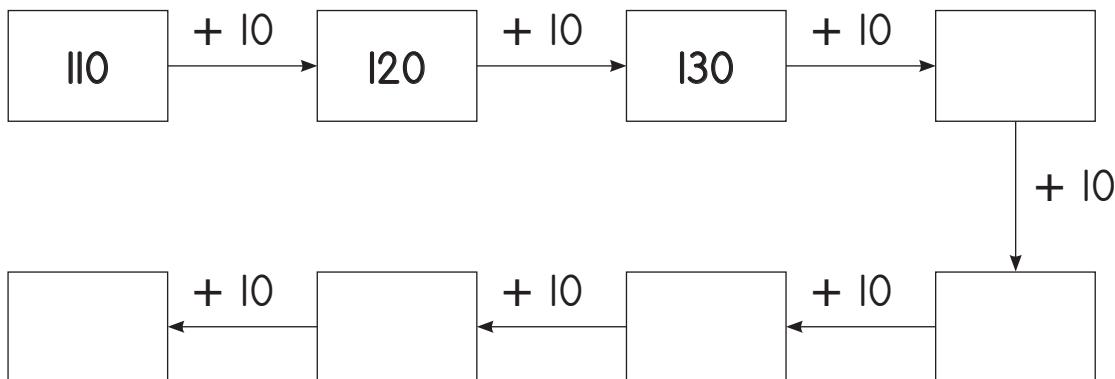
5 Complete the patterns:

Hetisa tipatironi:

a 127, 130, 133, _____, _____, _____

b 108, 105, 102, _____, _____, _____

c _____, _____, _____, 198, 195, 192

d 38, 40, 42, _____, _____, _____

e 140, _____, 144, _____, 148, _____

Term 1 Lesson 46
Theme 1 Dyondzontsongo ya 46

Counting in 2s, 3s, 4s, 5s, 20s, 25s, 50s and 100s
Ku hlayela hi va2, va3, va4, va5, va20, va25, va50 na va100

CLASSWORK   NTIRHO WA LE TLILASINI

1   Complete the pattern:
     Hetisa patironi leyi:

     a   400, 403, 406, _____, 412, _____, _____, 421.

     b   402, 404, _____, 408, _____, 412, _____, _____ 418, 420.

     c   404, 408, _____, 416, _____.

     d   405, _____, 415, _____.

2   Which numbers are in both a) and b)?
     Hi yihi nomboro leyi kumekaka eka a) na b)   _____

3   Which numbers are in both c) and d)?
     Hi yihi nomboro leyi kumekaka eka c) na d)   _____

4   Which numbers are in both a) and c)?
     Hi yihi nomboro leyi kumekaka eka a) na c)   _____

5   Which numbers are in both b) and d)?
     Hi yihi nomboro leyi kumekaka eka b) na d)? _____

EXTENSION   XIENGETELO

Copy and underline the numbers that do not belong to the patterns.

Kopunula u tlhela u nkhwatihata tinomboro leti ngheneke hi xihoxo eka patironi.

1   505, 510, 515, 520, 523, 530.

2   500, 525, 550, 570, 575, 600

3   500, 510, 520, 530, 535, 540, 550.

Term 1 Lesson 47
Theme 1 Dyondzontsongo ya 47
Flow diagrams and tables
Tidayagiramu ni matafula ya matirhelo

CLASSWORK   NTIRHO WA LE TLILASINI

1   Complete the following flow diagram:

Hetisa dayagiramu leyi landzelaka ya matirhelo:
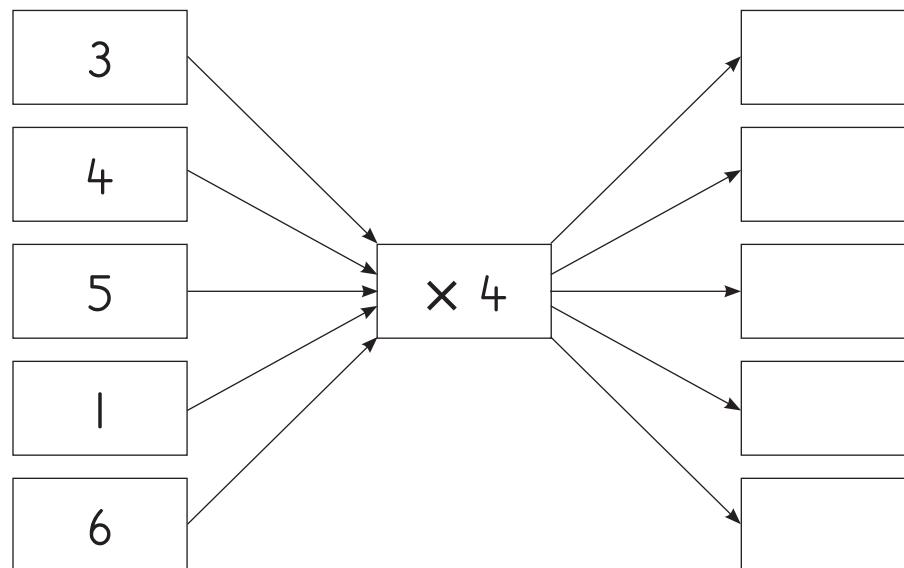
The pattern is
Patironi i   _____

2   Complete the table below:

Hetisa tafula leri nga laha hansi:

	5	6	7	8	9	10
× 2						

The pattern is
Patironi i   _____

EXTENSION   XIENGETELO

Complete the following flow diagram:

Hetisa dayagiramu leyi landzelaka ya matirhelo:

| 3 |
| 4 |
| 5 | → × 10 → | |
| 1 |
| 6 |
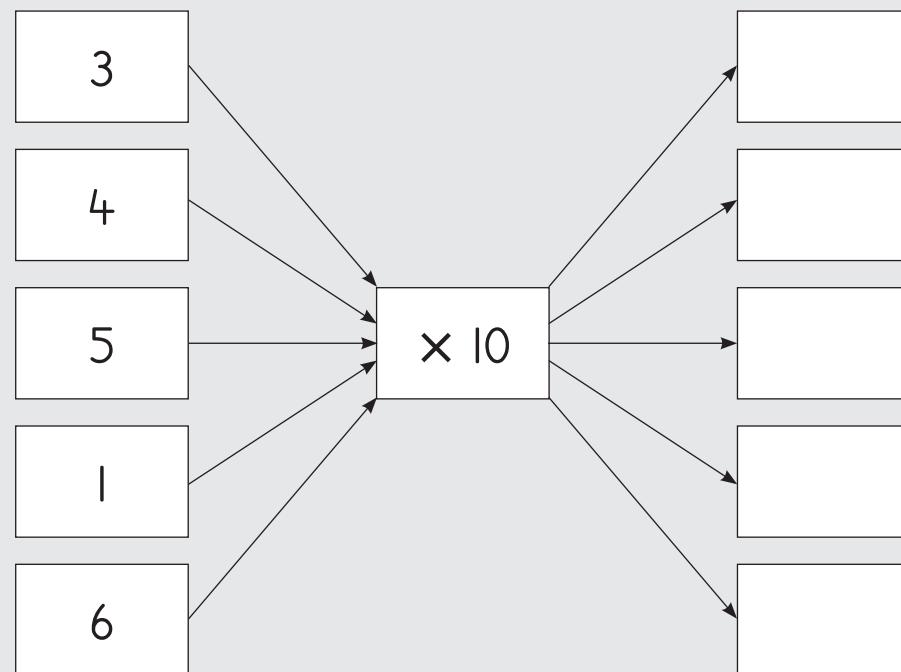
Term 1 Lesson 48
Theme 1 Dyondzontsongo ya 48
Number patterns, flow diagrams and tables
Tipatironi ta tinomboro, tidayagiramu ta matirhelo na matafula

CLASSWORK   NTIRHO WA LE TLILASINI

Solve the following problem. Show your answers in the table and in the flow diagram.

Mbali gets R10 each week. How much will she have after 7 weeks?

Ololoxa xiphiqo lexi landzelaka. Kombisa tinhlamulo ta wena etafuleni na le ka dayagiramu ya matirhelo.

Mbali va n'wi nyika R10 hi vhiki. U ta va na mali muni endzhaku ka 7 wa mavhiki?

R10 note R10 swingwece							
Total money Ntsengo wa mali							
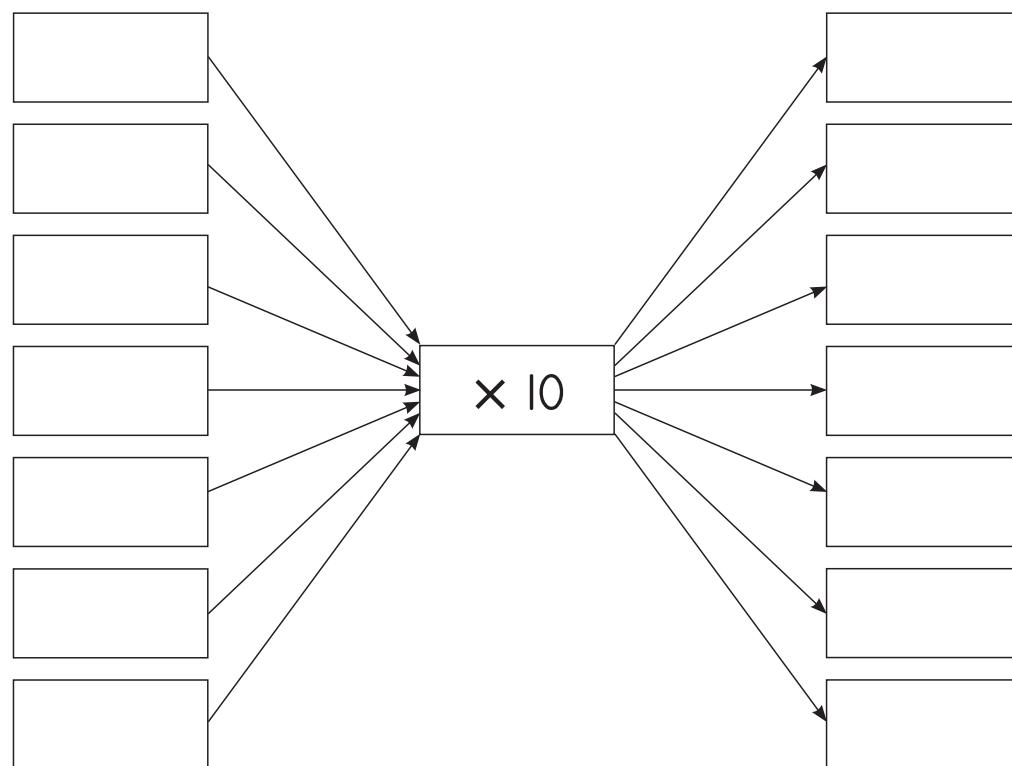
× 10

EXTENSION   XIENGETELO

Complete the following flow diagram:

Hetisa dayagiramu leyi landzelaka ya matirhelo:

| 4 |

| 6 |

| 5 | → × 4 →

| 7 |

| 8 |
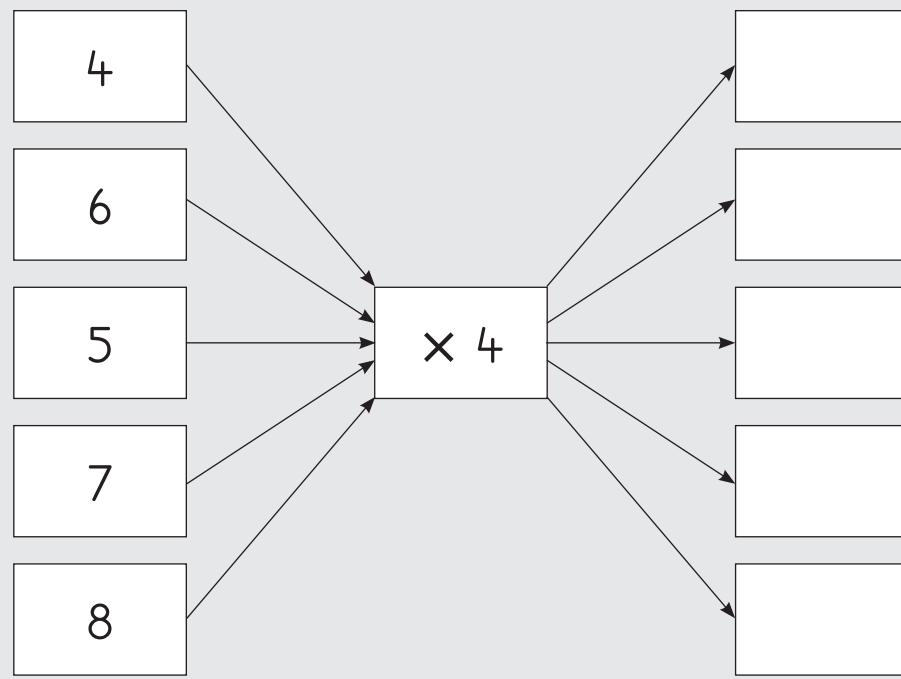
Term 1 Lesson 49
Theme 1 Dyondzontsongo ya 49

Assessment
Makambelelo

Term 1 Lesson 50
Theme 1 Dyondzontsongo ya 50

Consolidation
Nkatsakanyo

1   Complete the pattern:
    Hetisa patironi:

    a   200, 300, 400, _____, _____, _____

    b   _____, _____, _____, 380, 400, 420

    c   450, 500, 550, _____, _____, _____

2   Extend the pattern:
    Ndlandlamuxa patironi:

    a   575, 580, 585, _____, _____, _____, _____

    b   300, 304, 308, _____, _____, _____

3 Busi eats 3 apples a week. How many apples will she had eaten after 5 weeks? Solve this word problem using the flow diagram and table below.

Busi u dya maapula manharhu hi vhiki. U ta va a dyile maapula mangani endzaku ka 5 wa mavhiki?

Ololoxa xiphiqo lexi xa marito u tirhisa dayagiramu na tafula ra matirhelo:

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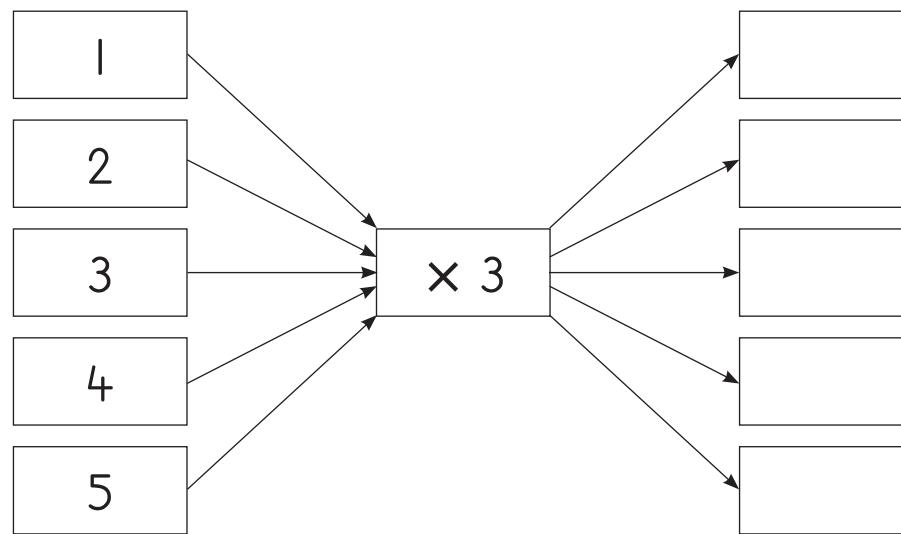
	1	2	3	4	5
×3					

100 board (baseline revision and other lessons)

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

Flard cards (baseline revision and other lessons)

1	10	100
2	20	200
3	30	300
4	40	400
5	50	500
6	60	600
7	70	700
8	80	800
9	90	900
	1000	

2-D shapes picture (baseline revision activity 5)
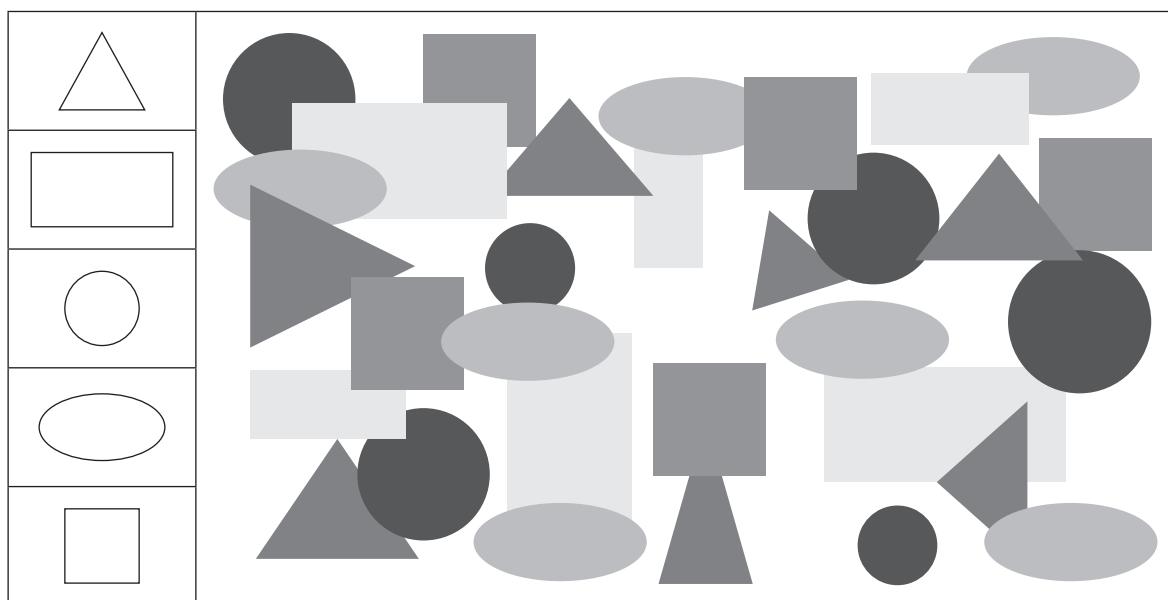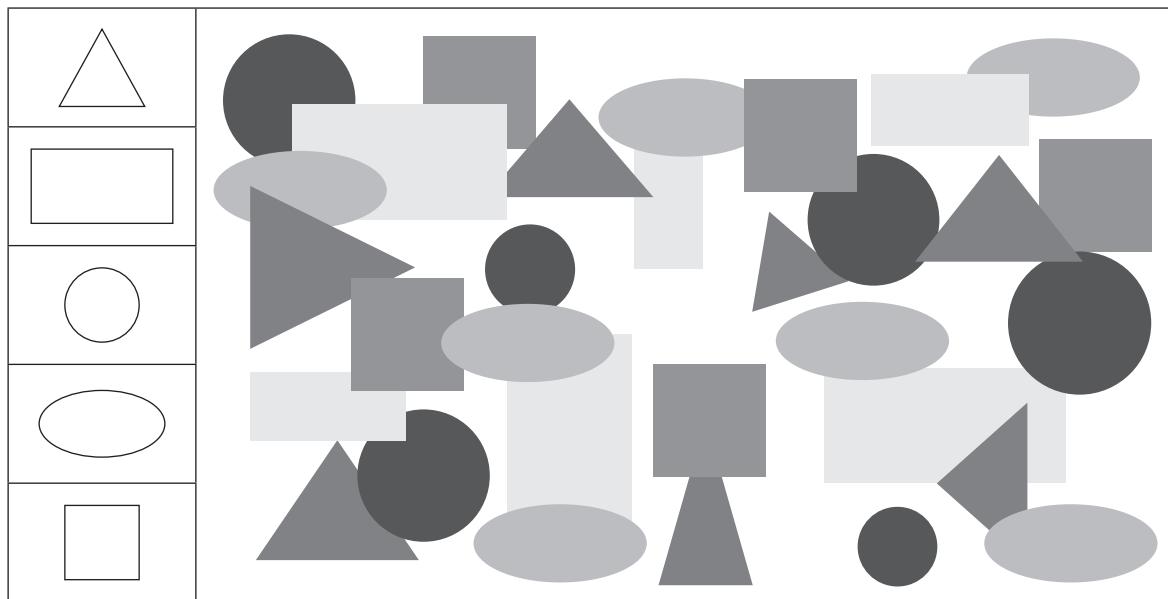
201–1 000 number board (lesson 46)

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

1000 board

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