MATHEMATICS

Grade 2

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 ya 1 Dyondzontsongo ya 1
Numbers to 20
Tinomboro to fika ka 20

CLASSWORK   NTIRHO WA LE TLILASINI

1   Write the following as numbers:
    Tsala tinomboro ta leswi landzelaka:

    a Five
        Ntlhanu _____

    b Ten
        Khume _____

    c Sixteen
        Khumetsevu _____

    d Twenty
        Makumembirhi _____

2   Write the number name for 17.

    Tsala vito ra nomboro 17. _____

3   Which number is smaller? 18 or 13?
    Hi yihi nomboro leyitsongo? I 18 kumbe i 13? _____

4   Which number is greater? 11 or 17?
    Hi yihi nomboro leyikulu? I 11 kumbe i 17? _____

5 Write the numbers from smallest to biggest: 15, 12, 14, 11, 13.

Tsala tinomboro ku suka eka leyitsongo swinene ku fika eka leyikulu swinene: 15, 12, 14, 11, 13.

_____

EXTENSION   XIENGETELO

1 Write eighteen as a number symbol.

Tsala mfungho wa nomboro ya khumenhungu. _____

2 Write 14 as a number name.

Tsala vito ra nomboro ya 14._____

3 Which number is smaller? 20 or 12?

Hi yihi nomboro leyitsongo? I 20 kumbe i 12? _____

4 Write the numbers from biggest to smallest: 15, 12, 14, 11, 13.

Tsala tinomboro leti kusuka eka leyikulu swinene kufika eka leyitsongo swinene. 15, 12, 14, 11, 13.

_____

Term 1 Lesson 2
Theme ya 1 Dyondzontsongo ya 2
Numbers up to 99
Tinomboro to fika ka 99

CLASSWORK   NTIRHO WA LE TLILASINI

1   Counting on a number board.
Ku hlayela ebodweni ya tinomboro.

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

2   Write these numbers using tens and ones.
    Tsala tinomboro leti u tirhisa vakhume na van'we.

    a   12 _____

    b   27 _____

    c   82 _____

    d   79 _____

3   What is 10 more than 11?
    Hi yihi nomboro yo tlula 11 hi 10? _____

4   What is 10 less than 17?
    Hi yihi nomboro leyi nga ehansi ka 17 hi 10? _____

5   Fill in the missing number: 17 = 10 +
    Tata nambara leyi siyiweke: 17 = 10 + _____

6 Complete the table by writing numbers as tens and ones. The first row is complete.

Hetisa tafula leri hi ku tsala vakhume na van'we. Rixaxa rosungula ri helerile.

18	=	10	+	8
56	=		+	
21	=		+	
48	=		+	
99	=		+	

EXTENSION   XIENGETELO

1   What is: 5 more than 20?

Hi yihi nomboro yo tlula 20 hi 5? _____

2   What is: 5 less than 30?

Hi yihi nomboro leyi nga ehansi ka 30 hi 5? _____

3   Complete the table by writing numbers as tens and ones. The first row is complete.

Hetisa tafula leri hi ku tsala vakhume na van'we. Rixaxa rosungula ri helerile.

43	=	40	+	3
27	=		+	
74	=		+	
68	=		+	
39	=		+	

Term 1 Lesson 3
Theme ya 1 Dyondzontsongo ya 3
Numbers up to 99
Tinomboro to fika ka 99

CLASSWORK   NTIRHO WA LE TLILASINI

1   Fill in the missing number:
    Tata nomboro leyi siyiweke:

    a   13 = 10 + _____

    b   21 = 20 + _____

    c   34 = 30 + _____

    d   26 = 20 + _____

2   Circle the bigger number:
    Bana xirhendzevutana ka nomboro leyikulu:

    a   16 or/kumbe 22

    b   20 or/kumbe 32

    c   42 or/kumbe 24

    d   50 or/kumbe 35

    e   18 or/kumbe 38

3   Circle the smallest number:
    Bana xirhendzevutana ka nomboro leyitsongo:

    a   6 or/kumbe 9

    b   24 or/kumbe 25

    c   32 or/kumbe 22

    d   18 or/kumbe 27

    e   55 or/kumbe 35

EXTENSION   XIENGETELO

1   What is 10 more than 3?
    Hi yihi nomboro yo tlula 3 hi 10? _____

2   What is: 10 more than 20?
    Hi yihi nomboro yo tlula 20 hi 10? _____

3   Complete the following:
    Hetisa leswi landzelaka:

    a   14 = 10 + _____

    b   32 = 30 + _____

    c   24 = 20 + _____

    d   16 = 10 + _____

Term 1 Lesson 4
Theme ya 1 Dyondzontsongo ya 4
Expanded notation
Nxaxameto lowu ndlandlamuxiweke

CLASSWORK   NTIRHO WA LE TLILASINI

1   Show the number 15 on the place value table below:

Komba nomboro ya 15 etafuleni ra vukulu bya tidijiti laha hansi:

Tens Vakhume	Ones Van'we
tens vakhume	ones van'we

2   7 tens + 3 ones =

7 wa vakhume + 3 wa van'we = _____

3   6 tens + 8 ones =

6 wa vakhume + 8 wa van'we = _____

4   82 = 80 + _____

5   55 = _____ + _____

6   90 + _____ = 93

7   _____ + 6 = 66

8   _____ + 9 = 59

EXTENSION   XIENGETELO

1   7 tens + 5 ones =
    7 wa vakhume + 5 wa van'we = _____

2   5 tens + 0 ones =
    5 wa vakhume + 0 wa van'we = _____

3   67 = _____ tens + _____ ones

    67 = _____ wa vakhume + _____ wa van'we

4   89 = _____ tens + _____ ones

    89 = _____ wa vakhume + _____ wa van'we

Term 1 Lesson 5
Theme ya 1 Dyondzontsongo ya 5
Consolidation
Nkatsakanyo

1 Colour 58 circles.

Khalara 58 wa swirhendzevutana.

How many tens? _____

I vakhume vangani? _____
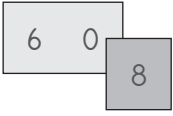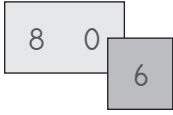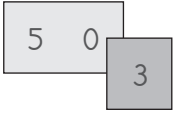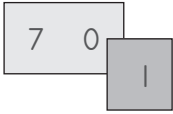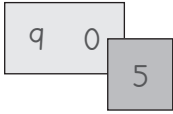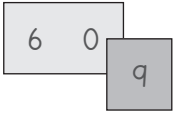
How many ones? _____

I van'we vangani? _____

2   Write the answer. The first one has been done for you.

Tsala nhlamulo. Leyo sungula u tsaleriwe yona.

6 0 8 60 + 8 = 68	8 0 6 _____	5 0 3 _____
7 0 1 _____	9 0 5 _____	6 0 9 _____

3   Complete the following:

Hetisa leswi landzelaka:

a   14 = _____ + _____

b   23 = _____ +_____

c   32 = _____ + _____

d   50 = _____ + _____

e   99 = _____ + _____

Term 1 Lesson 6
Theme ya 1 Dyondzontsongo ya 6
The concept of 100
Nongoti wa 100

CLASSWORK   NTIRHO WA LE TLILASINI

1   What is …?
    Hi yihi …?

    a   The number that is 10 more than 40 _____

        Nomboro yo tlula 40 hi 10 _____

    b   The number that is 10 less than 90 _____

        Nomboro ya le hansi ka 90 hi 10 _____

    c   The number that is 10 more than 70 _____

        Nomboro yo tlula 70 hi 10 _____

    d   The number that is 10 less than 10 _____

        Nomboro ya le hansi ka 10 hi 10 _____

2   Complete the following patterns:

Hetisa tipatironi leti landzelaka:

① 67 68 ☐ ☐ 71 ☐ 73

② 40 ☐ 60 70 ☐ 90 ☐

③ 5 10 15 ☐ 25 ☐ ☐

④ 100 ☐ 98 97 ☐ 95 ☐
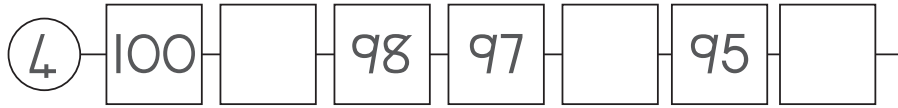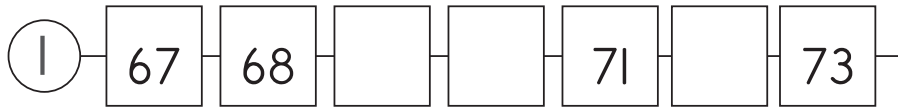
3   Complete:

Hetisa:

a   10 + 40 = _____

b   50 + 30 = _____

c   20 + 70 = _____

d   100 − 60 = _____

e   30 − 10 = _____

EXTENSION   XIENGETELO

Complete:
Hetisa:

a   30 + 70 = _____

b   60 + 40 = _____

c   10 + 80 = _____

d   90 − 50 = _____

e   100 − 20 = _____

Term I Lesson 7
Theme ya I Dyondzontsongo ya 7
Comparing and sequencing numbers
Ku pimanisa ni ku landzelelanisa tinomboro

CLASSWORK   NTIRHO WA LE TLILASINI

1   Arrange these numbers from the smallest to the biggest: 30, 25, 29, 21.
     Veketela tinomboro leti kusuka ka leyitsongo swinene kufika ka leyikulu
     swinene: 30, 25, 29, 21.

     _____

2   Give two numbers that are bigger than 25.
     Nyika tinomboro timbirhi letikulu ka 25.   _____

3   Give two numbers that are smaller than 25.
     Nyika tinomboro timbirhi letitsongo ka 25.   _____

4   Complete the pattern:
     Hetisa patironi leyi: 90, _____, 92, 93, _____, _____, 96, _____, 98, 99, _____.

5   Circle the numbers that are smaller than 30 and bigger than 24.
     Bana xirhendzevutana ka tinomboro letitsongo ka 30 na le ka letikulu ka 24.

20	21	22	23	24	25	26	27	28	29	30

6   Circle the numbers that are smaller than 40 and bigger than 36.
     Bana xirhendzevutana ka tinomboro letitsongo ka 40 na le ka letikulu ka 36.

30	31	32	33	34	35	36	37	38	39	40

7 Write the number name for 32.

Tsala vito ra nomboro ya 32. _____

8 Write the number name for 48.

Tsala vito ra nomboro ya 48. _____

EXTENSION   XIENGETELO

I   Write the number name for 45.

Tsala vito ra nomboro ya 45. _____

2   Complete the following:
Hetisa leswi landzelaka: 30 + _____ = 38.

3   Arrange these numbers from the biggest to the smallest: 93, 97, 95, 96, 94.
Veketela tinomboro leti kusuka eka leyitsongo swinene kufika eka leyikulu swinene: 93, 97, 95, 96, 94.

_____

Term 1 Lesson 8
Theme ya 1 Dyondzontsongo ya 8
Assessment
Makambelelo

Term 1 Lesson 9
Theme ya 1 Dyondzontsongo ya 9
Comparing and ordering numbers
Ku pimanisa ni ku xaxameta tinomboro

CLASSWORK   NTIRHO WA LE TLILASINI

1   Write the number names for 65, 82, 49 and 98.
Tsala mavito ya tinomboro ta 65, 82, 49 na 98.

_____

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

| 60 | 61 | | | | | | | | | 70 |
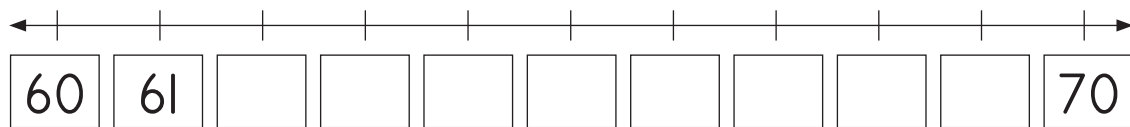
a   Circle all the numbers on the number line that are greater than 68.
Bana xirhendzevutana ka tinomboro leti tlulaka 68 eka ndzhati wa mitsengo.

b   Cross out all the numbers smaller than 65.
Bana ntila ka tinomboro hinkwato letitsongo ka 65.

3   Complete the following:
Hetisa leswi landzelaka:

a   20+ _____ = 29

b   40 + 4 = _____

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

    0, 10, _____, _____, _____, 50, _____, _____, _____, _____, 100.

5   Write down the numbers 68 and 70. What is:
    Tsala tinomboro 68 na 70. Hi yihi:

    a   the number that comes between them?
        nomboro leyi nga exikarhi ka tona?   _____

    b   the number that is 2 less than 68?
        nomboro leyi nga ehansi ka 68 hi 2? _____

    c   the number that is 1 less than 70?
        nomboro leyi nga ehansi ka 70 hi 1? _____

EXTENSION   XIENGETELO

1   Complete the pattern:
    Hetisa patironi leyi:

    68, 69, _____, 71, _____, _____.

2   50 + 6 = _____

3   70 + 3 = _____

4   What is two more than 71?
    Leyikulu eka 71 hi mbirhi i? _____

5   What is two less than 71?
    Leyitsongo eka 71 hi mbirhi i? _____

Term 1 Lesson 10
Theme ya 1 Dyondzontsongo ya 10
Consolidation
Nkatsakanyo

1 Fill in the missing multiples of 10:
  Tata miandziso ya 10 leyi siyiweke:

  a 10 , 20, 30, _____, _____, 60, _____, _____, _____, 100

  b 100, 90, 80, _____, _____,_____, _____, _____, _____, 10.

  c _____, _____, _____, _____, _____, 50 , _____, _____ , 20 , _____.

2 Complete the number lines.
  Hetisa eka mindzhati ya mitsengo:

  a

| 30 | | | | | 35 | | 37 | | | 40 |

  b

| 80 | | | 82 | | | 86 | | | | 90 |
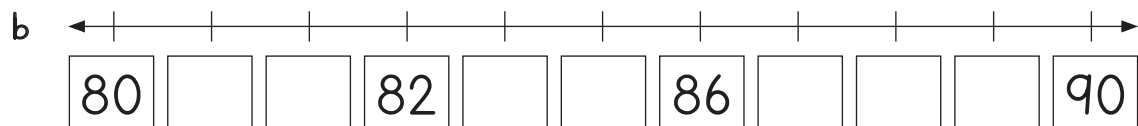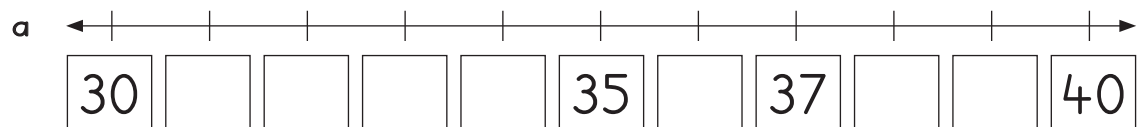
3   Complete the place value table:

Hetisa tafula ra vukulu bya tidijiti:

Tens Vakhume	Ones Van'we
_____ tens/vakhume	_____ ones/van'we
_____	

4   $20 +$ _____ $= 27$

5   _____ $+ 4 = 44$

6   $60 + 6 =$ _____

7   $50 +$ _____ $= 59$

8   _____ $+ 2 = 82$

9   _____ $+ 3 = 33$

Term I Lesson II
Theme ya I Dyondzontsongo ya II
Number sequences up to 100
Ku landzelanisa tinomboro ku fika ka 100

CLASSWORK   NTIRHO WA LE TLILASINI

1   If 2 children stand in front of the class, how many fingers will you see?
    Loko vana va2 va yima emahlweni ka tlilasi, u ta vona tintiho tingani?

    _____

2   If 3 children stand in front of the class, how many fingers will you see?
    Loko vana va3 va yima emahlweni ka tlilasi, u ta vona tintiho tingani?

    _____

3   Continue the patterns of 10:
    Hetisa tipatironi ta 10:

    a   10, 20, 30, _____, _____.

    b   30, 40, 50, _____, _____.

    c   100, 90, 80, _____, _____.

    d   70, 60, 50, _____, _____.

4   Complete the table:

Hetisa tafula leri:

5 more than: Nomboro ya le henhla hi 5 eka:	5 less than: Nomboro ya le hansi hi 5 eka:

a   10 is
    10 i _____
	e 5 is
	    5 i _____

b   35 is
    35 i _____
	f 15 is
	    15 i _____

c   50 is
    50 i _____
	g 30 is
	    30 i _____

d   85 is
    85 i _____
	h 100 is
	    100 i _____

EXTENSION   XIENGETELO

1   Complete the pattern of 10:
    Hetisa patironi ya 10:

    10, 20, 30, _____, _____, _____, _____, _____, _____, 100.

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

    5, 10, _____, _____, _____, 30, _____, 40.

3   Continue the pattern:
    Hetisa tipatironi leti:

    a   60, 50, _____, _____, _____.

    b   90, 80, _____, _____, _____, 40, _____, _____.

    c   50, 45, _____, 35 , _____, _____, 20.

Term 1 Lesson 12
Theme ya 1 Dyondzontsongo ya 12
Number sequences up to 100
Ku landzelelanisa tinomboro kufika ka 100

CLASSWORK   NTIRHO WA LE TLILASINI

1   Write these numbers from the greatest to the smallest: 53, 59, 54, 56.

Tsala tinomboro leti kusuka ka leyikulu swinene kufika ka leyitsongo swinene: 53, 59, 54, 56.

_____

2   Give two numbers that are greater than 56, but not bigger than 60.

Nyika tinomboro timbirhi letikulu ka 56, kambe ti nga vi tikulu ka 60.

_____

3   Give two numbers that are smaller than 54, but not smaller than 51.

Nyika tinomboro timbirhi letitsongo ka 54, kambe a hi titsongo ka 51.

_____

4   Write the number name for the number that is greater than 54, but smaller than 56.

Tsala vito ra nomboro leyikulu ka 54, kambe yitsongo ka 56.

_____

5   What is the value of the 3 in 73?

Hi byihi vukulu bya 3 eka 73?   _____

6   What is the value of the 7 in 75?

Hi byihi vukulu bya 7 eka 75?   _____

7 Complete the following:

Hetisa leswi landzelaka:

a 7 less than 80 is _____ .

Nomboro ya le hansi ka 80 hi 7 i _____ .

b 7 more than 57 is _____ .

Nomboro yo tlula 57 hi 7 i _____.

EXTENSION   XIENGETELO

1 Complete the pattern:

Hetisa patironi leyi: 68, 69, _____, 71, _____, _____ .

2 What is 7 less than 75?

Hi yihi nomboro leyi nga ehansi ka 75 hi 7? _____

3 What is two more than 71?

Hi yihi nomboro yo tlula 71 hi mbirhi? _____

4 Thabo has 60 marbles. He finds 7 more. How many does he now have altogether?

Thabo u na timabulu ta 60. U kuma tin'wana ta 7. Sweswi u na tingani loko ti helerile?

_____

Term 1 Lesson 13
Theme ya 1 Dyondzontsongo ya 13
Building up and breaking down numbers
Ku aka ni ku tlhantlha tinomboro

CLASSWORK   NTIRHO WA LE TLILASINI

1   Circle the following numbers on the number line 10, 30, 40, 70, 90.

Bana xirhendzevutana ka tinomboro leti landzelaka eka ndzhati wa mitsengo 10, 30, 40, 70, 90.

2   Solve the following:

Ololoxa leswi landzelaka:

a   30 + 10 = _____

b   50 + 10 = _____

c   90 +10 = _____

d   90 – 10 = _____

e   60 – 10 = _____

f   40 – 10 = _____

3   Complete the following:
    Hetisa leswi landzelaka:

    a   90 + _____ =100

    b   50 + _____ =100

    c   40 + _____ =100

    d   30 + _____ =100

    e   20 + _____ =100

EXTENSION   XIENGETELO

Complete the following:
Hetisa leswi landzelaka:

a   60 + 10 = _____

    b   40 + 10 = _____

    c   70 – 10 = _____

    d   30 – 10 = _____

    e   20 + _____ = 100

Term 1 Lesson 14
Theme ya 1 Dyondzontsongo ya 14
Assessment
Makambelelo

Term 1 Lesson 15
Theme ya 1 Dyondzontsongo ya 15
Consolidation
Nkatsakanyo

1   Complete:
    Hetisa:

    a   40 + _____ = 100

    b   30 + _____ = 100

    c   _____ + 50 = 100

2   Complete:
    Hetisa:

    a   Which number is two less than 14?
        Hi yihi nomboro leyi nga ehansi ka 14 hi mbirhi? _____

    b   Which number is two more than 26?
        Hi yihi nomboro leyi tlulaka 26 hi mbirhi? _____

    c   Which number is five more than 70?
        Hi yihi nomboro leyi tlulaka 70 hi ntlhanu? _____

    d   Which number is ten more than 90?
        Hi yihi nomboro leyi tlulaka 90 hi khume? _____

   e Which number is five less than 55?

      Hi yihi nomboro leyi nga ehansi ka 55 hi ntlhanu? _____

   f Which number is ten less than 100?

      Hi yihi nomboro leyi nga ehansi ka 100 hi khume? _____

3 3 more than 30 is

   Leyi tlulaka 30 hi 3 i _____ .

4 Fill in the missing numbers:

   Tata tinomboro leti siyiweke:

   30, 40, _____, _____, _____, 80, _____, 100.

5 Complete:

   Hetisa:

   a 6 groups of 10 is

      6 wa mitlawa ya 10 i _____ .

   b 36 has _____ groups of 10 and _____ ones.

      36 yi na _____ wa mitlawa ya 10 na _____ wa van'we.

   c 48 has _____ groups of 10 and _____ ones.

      48 yi na _____ wa mitlawa ya 10 na _____ wa van'we.

6 Complete the pattern:

Hetisa patironi leyi:

40, 50, _____, 70, _____, _____.

7 What is 3 less than 30?

Hi yihi nomboro ya le hansi ka 30 hi 3? _____

8 What is 5 more than 75?

Hi yihi nomboro yo tlula 75 hi 5? _____

9 7 groups of 10 is

7 wa mitlawa ya 10 i _____.

Term 1 Lesson 16
Theme ya 1 Dyondzontsongo ya 16
Addition and subtraction
Ku hlanganisa ni ku susa

CLASSWORK   NTIRHO WA LE TLILASINI

1   What is …?
    Hlamula …?

    a 5 tens + 1 one =
    5 wa vakhume + 1 n'we = _____

    b 4 tens + 2 ones =
    4 wa vakhume + 2 wa van'we = _____

    c 6 tens + 8 ones =
    6 wa vakhume + 8 wa van'we = _____

2   Calculate using your base ten kit. Record the answers in the place
    value tables.
    Khakhuleta u tirhisa khiti ya wena ya masungulo ya le hansi ya khume. Tsala
    tinhlamulo etafuleni ra vukulu bya tidijiti.

    a 30 + 4 = _____

Tens/Vakhume	Ones/Van'we
_____ tens/wa vakhume	_____ ones/wa van'we
_____	

b 50 + 8 = _____

Tens/Vakhume	Ones/Van'we
_____ tens/wa vakhume	_____ ones/wa van'we
_____	

c 26 − 6 = _____
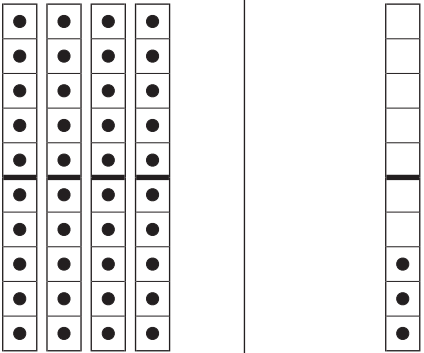
Tens/Vakhume	Ones/Van'we
_____ tens/wa vakhume	_____ ones/wa van'we
_____	

EXTENSION   XIENGETELO

1   5 tens + 7 ones =

5 wa vakhume + 7 wa van'we = _____.

2   What sum is shown in the place value table? Write it into the table at the bottom.

Hi wihi ntsengo lowu kombiwaka etafuleni ra vukulu bya tidijiti? Wu tsale etafuleni ehansi.

Tens Vakhume	Ones Van'we
_____ tens/vakhume	_____ ones/van'we
_____	

Term 1 Lesson 17
Theme ya 1 Dyondzontsongo ya 17
Addition and subtraction with number lines
Ku hlanganisa ni ku susa hi mindzhati ya tinomboro

CLASSWORK   NTIRHO WA LE TLILASINI

1   Complete the following:
    Hetisa leswi landzelaka:

   a   30 + 9 = _____

   b   5 tens + 3 ones =
          5 wa vakhume + 3 wa van'we = _____

   c   Write the answer in words: 7 tens + 6 ones =
          Tsala tinhlamulo hi marito: 7 wa vakhume + 6 wa van'we =

          _____

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

   e   47: _____ tens + _____ ones = _____

          47: _____ wa vakhume + _____ wa van'we = _____

f   72: _____ tens + _____ ones = _____

72: _____ wa vakhume + _____ wa van'we = _____

2   Using a number line show the following:
Tirhisa ndzhati wa mitsengo u kombisa leswi landzelaka:

a   50 + 5 = _____

b   42 − 2 = _____

c   60 + 8 = _____

d   39 − 9 = _____

EXTENSION   XIENGETELO

1   Write the answer in words: 6 tens + 3 ones =
    Tsala tinhlamulo hi marito: 6 wa vakhume + 3 wa van'we =

    _____

2   5 tens + 7 ones =
    5 wa vakhume + 7 wa van'we = _____ .

3   Show 40 + 4 = _____ using a number line:

    Komba 40 + 4 = _____ u tirhisa ndzhati wa mitsengo:

Term 1 Lesson 18
Theme ya 1 Dyondzontsongo ya 18
Assessment
Makambelelo

Term 1 Lesson 19
Theme ya 1 Dyondzontsongo ya 19
Addition and subtraction of multiples of 10
Ku hlanganisa ni ku susa miandziso ya 10

CLASSWORK   NTIRHO WA LE TLILASINI

Calculate using your base ten kit. Record your answer in the place value table.

Khakhuleta hi khiti ya wena ya masungulo ya le hansi ya khume. Tsala nhlamulo ya wena etafuleni ra vukulu bya tidijiti.

1   30 + 10 = _____

Tens/Vakhume	Ones/Van'we
_____ tens	_____ ones
_____ wa vakhume	_____ wa van'we
_____	

2   40 – 10 = _____

Tens/Vakhume	Ones/Van'we
_____ tens	_____ ones
_____ wa vakhume	_____ wa van'we
_____	

3   80 – 20 = _____

Tens/Vakhume	Ones/Van'we
_____ tens	_____ ones
_____ wa vakhume	_____ wa van'we
_____	

4   60 + 30 =_____

Tens/Vakhume	Ones/Van'we
_____ tens	_____ ones
_____ wa vakhume	_____ wa van'we
_____	

5   40 + 40 = _____

Tens/Vakhume	Ones/Van'we
_____ tens	_____ ones
_____ wa vakhume	_____ wa van'we
_____	

EXTENSION   XIENGETELO

Calculate. Record your answer in the place value table.

Khakhuleta. Tsala nhlamulo ya wena etafuleni ra vukulu bya tidijiti.

1   50 + 10 =_____

Tens/Vakhume	Ones/Van'we
_____ tens _____ wa vakhume	_____ ones _____ wa van'we
_____	

2   40 – 20 =_____

Tens/Vakhume	Ones/Van'we
_____ tens _____ wa vakhume	_____ ones _____ wa van'we
_____	

Term I Lesson 20
Theme ya I Dyondzontsongo ya 20
Consolidation
Nkatsakanyo

1 Complete:
   Hetisa:

a 4 tens + 7 ones =
   4 wa vakhume + 7 wa van'we = _____

b 74: _____ tens + _____ ones = _____

   74: _____ wa vakhume + _____ wa van'we = _____

c 55: _____ tens + _____ ones = _____

   55: _____ wa vakhume + _____ wa van'we = _____

2 Use your base kits to show the numbers, then complete the place value tables.

Tirhisa khiti ya wena ya masungulo ya le hansi u komba tinomboro, kutani tata tafula ta vukulu bya tidijiti.

a 18

Tens/Vakhume	Ones/Van'we
_____ tens _____ wa vakhume	_____ ones _____ wa van'we
_____	

b 55

Tens/Vakhume	Ones/Van'we
_____ tens _____ wa vakhume	_____ ones _____ wa van'we
_____	

c 37

Tens/Vakhume	Ones/Van'we
_____ tens _____ wa vakhume	_____ ones _____ wa van'we
_____	

d 80

Tens/Vakhume	Ones/Van'we
_____ tens _____ wa vakhume	_____ ones _____ wa van'we
_____	

e 66

Tens/Vakhume	Ones/Van'we
_____ tens _____ wa vakhume	_____ ones _____ wa van'we
_____	

3 Complete the following:

Hetisa leswi landzelaka:

a $20 + 10 =$ _____

b $40 - 20 =$ _____

c $70 - 30 =$ _____

d $90 + 10 =$ _____

e   70 – 60 = _____

4   What is 10 more than:
Hi yihi yo tlula hi 10 eka:

a   20 _____

b   10 _____

c   40 _____

d   50 _____

e   70 _____

5   What is 10 less than:
Hi yihi ya le hansi hi 10 eka:

a   10 _____

b   30 _____

c   60 _____

d   80 _____

e   100 _____

Term 1 Lesson 21
Theme ya 1 Dyondzontsongo ya 21
Addition and subtraction
Ku hlanganisa ni ku susa

CLASSWORK   NTIRHO WA LE TLILASINI

Calculate using your base ten kit. Record your answers in the place value tables.

Khakhuleta u tirhisa khiti ya wena ya masungulo ya le hansi ya khume. Tsala tinhlamulo ta wena etafuleni ra vukulu bya tidijiti.

a   43 + 6 = _____

Tens/Vakhume	Ones/Van'we
_____ tens _____ wa vakhume	_____ ones _____ wa van'we
_____	

b   28 – 7 =_____

Tens/Vakhume	Ones/Van'we
_____ tens _____ wa vakhume	_____ ones _____ wa van'we
_____	

c 31 + 5 = _____

Tens/Vakhume	Ones/Van'we
_____ tens _____ wa vakhume	_____ ones _____ wa van'we
_____	

d 36 − 4 = _____

Tens/Vakhume	Ones/Van'we
_____ tens _____ wa vakhume	_____ ones _____ wa van'we
_____	

e Sam has 26 marbles. He loses 6. How many marbles does he have left?

Sam a ri na timabulu ta 26. U lahlekeriwe hi 6. Xana u sale na timabulu tingani?

Tens/Vakhume	Ones/Van'we
_____ tens _____ wa vakhume	_____ ones _____ wa van'we
_____	

EXTENSION   XIENGETELO

Calculate using your base ten kit. Record your answers in the place value tables.

Khakhuleta u tirhisa khiti ya wena ya masungulo ya le hansi ya khume. Tsala tinhlamulo ta wena etafuleni ra vukulu bya tidijiti.

a   23 + 5 = _____

Tens/Vakhume	Ones/Van'we
_____ tens _____ wa vakhume	_____ ones _____ wa van'we
_____	

b   47 – 7 = _____

Tens/Vakhume	Ones/Van'we
_____ tens _____ wa vakhume	_____ ones _____ wa van'we
_____	

c   Tom has 32 pencils. Gabi gives him another 4 pencils. How many pencils
    does he have altogether?

    Tom a ri na tipenisele ta 32. Gabi u n'wi nyike tipenisele tin'wana ta 4.
    Xana Tom una tipenisele tingani sweswi ?

Tens/Vakhume	Ones/Van'we
_____ tens _____ wa vakhume	_____ ones _____ wa van'we
  _____	

Term 1 Lesson 22
Theme ya 1 Dyondzontsongo ya 22
Addition and subtraction
Ku hlanganisa ni ku susa

CLASSWORK   NTIRHO WA LE TLILASINI

Calculate using your base ten kit. Record your answers in the place value tables.

Khakhuleta u tirhisa khiti ya wena ya masungulo ya le hansi ya khume. Tsala tinhlamulo ta wena etafuleni ra vukulu bya tidijiti.

a   33 + 10 = _____

Tens/Vakhume	Ones/Van'we
_____ tens _____ wa vakhume	_____ ones _____ wa van'we
_____	

b   48 − 20 = _____

Tens/Vakhume	Ones/Van'we
_____ tens _____ wa vakhume	_____ ones _____ wa van'we
_____	

c 21 + 30 = _____

Tens/Vakhume	Ones/Van'we
_____ tens _____ wa vakhume	_____ ones _____ wa van'we
_____

d 16 – 10 = _____

Tens/Vakhume	Ones/Van'we
_____ tens _____ wa vakhume	_____ ones _____ wa van'we
_____

e Use the number line below to solve this word problem.

Thabo has 24 mini cars. His brother gives him another 10. How many mini cars does he have altogether?
Tirhisa ndzhati wa mitsengo lowu nga laha hansi ku ololoxa swiphiqo swa marito.

Thabo u na 24 wa swimovhana. Buti wa yena u n'wi nyika swin'wana swa 10. I swingani swimovhana hinkwaswo leswi se a nga na swona?
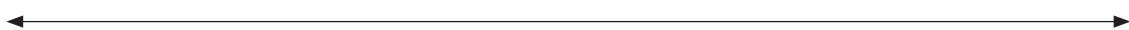
EXTENSION   XIENGETELO

Calculate using your base ten kit. Record your answers in the place value tables.

Khakhuleta u tirhisa khiti ya wena ya masungulo ya le hansi ya khume. Tsala tinhlamulo ta wena etafuleni ra vukulu bya tidijiti.

a   44 + 10 = _____

Tens/Vakhume	Ones/Van'we
_____ tens _____ wa vakhume	_____ ones _____ wa van'we
_____	

b   27 − 10 = _____

Tens/Vakhume	Ones/Van'we
_____ tens _____ wa vakhume	_____ ones _____ wa van'we
_____	

c Use the number line below to solve this word problem.

Jabu has 14 sweets. He gives Lulu 10 sweets. How many sweets does he have left?
Tirhisa ndzhati wa mitsengo lowu nga laha hansi ku ololoxa swiphiqo swa marito.

Jabu a ri na malekere ya 14. U nyike Lulu malekere ya 10. Xana u sale na malekere mangani?
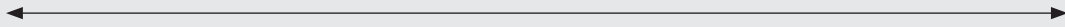
Term 1 Lesson 23
Theme ya 1 Dyondzontsongo ya 23
Assessment
Makambelelo

Term 1 Lesson 24
Theme ya 1 Dyondzontsongo ya 24
Addition and subtraction
Ku hlanganisa ni ku susa

CLASSWORK   NTIRHO WA LE TLILASINI

1   Complete the following:
    Hetisa leswi landzelaka:

    a   3 tens + 3 ones =
        3 wa vakhume + 3 wa van'we = _____

    b   6 tens + 8 ones =
        6 wa vakhume + 8 wa van'we = _____

    c   82 = 80 + _____

    d   55 = _____ + _____

    e   90 + _____ = 93

    f   _____ + 6 = 66

    g   _____ + 9 = 59

2 Complete using tens and ones:

Hetisa u tirhisa vakhume na van'we:

a 14 = _____ + _____

b 23 = _____ + _____

c 32 = _____ + _____

d 50 = _____ + _____

e 99 = _____ + _____

3 Calculate using your base ten kit. Record your answers in the place value tables.

Khakhuleta u tirhisa khiti ya wena ya masungulo ya le hansi ya khume. Tsala tinhlamulo ta wena etafuleni ra vukulu bya tidijiti.

a 40 + 20 = _____

Tens/Vakhume	Ones/Van'we
_____ tens _____ wa vakhume	_____ ones _____ wa van'we
_____	

b 80 – 40 = _____

Tens/Vakhume	Ones/Van'we
_____ tens	_____ ones
_____ wa vakhume	_____ wa van'we

_____

EXTENSION   XIENGETELO

Complete using tens and ones:
Hetisa u tirhisa vakhume na van'we:

1   24 = _____ + _____

2   45 = _____ + _____

3   80 + _____ = 83

4   _____ + 6 = 66

5   _____ + 9 = 59

6   Busi has 7 suckers. She buys another 5 suckers. How many does she have altogether?

Busi a ri na 7 wa switswongi. U xavile swin'wana swa 5. Xana se u na swingani loko swi helerile?

_____

Term 1 Lesson 25
Theme ya 1 Dyondzontsongo ya 25
Consolidation
Nkatsakanyo

1   Complete:
     Hetisa:

a   tens + 6 ones =

     5 wa vakhume + 6 wa van'we = _____

b   64: _____ tens + _____ ones = _____

     64: _____ wa vakhume + _____ wa van'we = _____

c   35: _____ tens + _____ ones = _____

     35: _____ wa vakhume + _____ wa van'we = _____

d   7 tens and 8 ones =
     7 wa vakhume na 8 wa van'we = _____

e   90:_____ tens + _____ ones =_____

     90: _____ wa vakhume + _____ wa van'we = _____

2 Calculate using your base ten kit. Record your answers in the place value tables.

Khakhuleta u tirhisa khiti ya wena ya masungulo ya le hansi ya khume. Tsala tinhlamulo ta wena etafuleni ra vukulu bya tidijiti.

a 40 + 30 = _____

Tens/Vakhume	Ones/Van'we
_____ tens _____ wa vakhume	_____ ones _____ wa van'we
_____	

b 70 – 40 = _____

Tens/Vakhume	Ones/Van'we
_____ tens _____ wa vakhume	_____ ones _____ wa van'we
_____	

c   36 + 3 = _____

Tens/Vakhume	Ones/Van'we
_____ tens _____ wa vakhume	_____ ones _____ wa van'we
  _____	

d   77 – 6 = _____

Tens/Vakhume	Ones/Van'we
_____ tens _____ wa vakhume	_____ ones _____ wa van'we
  _____	

e   34 + 20 = _____

Tens/Vakhume	Ones/Van'we
_____ tens _____ wa vakhume	_____ ones _____ wa van'we
  _____	

f 75 – 20 = _____

Tens/Vakhume	Ones/Van'we
_____ tens _____ wa vakhume	_____ ones _____ wa van'we
_____	

3 Complete using tens and ones:
Hetisa u tirhisa vakhume na van'we:

a 45 = _____ + _____

b 83 = _____ + _____

c 52 = _____ + _____

d 80 = _____ + _____

e 69 = _____ + _____

Term 1 Lesson 26
Theme ya 1 Dyondzontsongo ya 26
Column addition
Ku hlanganisa tikholomo

CLASSWORK   NTIRHO WA LE TLILASINI

Calculate the following using base ten kits. Record your solutions using tens and ones columns.

Khakhuleta u tirhisa khiti ya wena ya masungulo ya le hansi ya khume. Tsala tinhlamulo ta wena etafuleni ra vukulu bya tidijiti.

a   74 + 23 = _____   b   35 + 54 = _____

c   46 + 32 = _____   d   11 + 28 = _____

e   27 + 41 = _____

EXTENSION   XIENGETELO

Calculate the following:

Khakhuleta leswi landzelaka:

a   61 + 25 = _____

b   43 + 12 = _____

c   34 + 15 = _____

Term 1 Lesson 27
Theme ya 1 Dyondzontsongo ya 27

Column addition
Ku hlanganisa hi tikholomo

CLASSWORK   NTIRHO WA LE TLILASINI

Solve the following using the column method:

Ololoxa leswi landzelaka u tirhisa tikholomo:

a 12 + 17 = _____   **b** 40 + 10 =_____

c 53 + 6 = _____   **d** 14 + 32 = _____

e 11 + 78 = _____

EXTENSION   XIENGETELO

Solve the following using the column method:

Ololoxa leswi landzelaka u tirhisa tikholomo:

a   51 + 23 = _____

b   35 + 24 = _____

c   27 + 41 = _____

Term 1 Lesson 28
Theme ya 1 Dyondzontsongo ya 28
Addition using a number line
Ku hlanganisa u tirhisa ndzhati wa tinomboro

CLASSWORK   NTIRHO WA LE TLILASINI

Calculate the following using the column method and a number line:

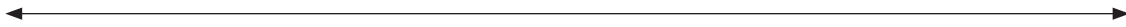Khakhuleta leswi landzelaka u tirhisa tikholomo na ndzhati wa mitsengo:

a   78 + 11 = _____

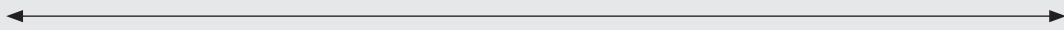**b**   61 + 25 = _____

c   33 + 21 = _____
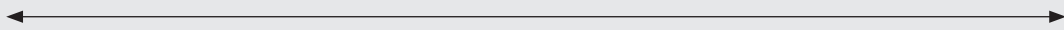
EXTENSION   XIENGETELO

Calculate the following using the column method and a number line:

Khakhuleta leswi landzelaka u tirhisa tikholomo na ndzhati wa mitsengo:

a   34 + 15 = _____

b   67 + 11 = _____

Term 1 Lesson 29
Theme ya 1 Dyondzontsongo ya 29
Assessment
Makambelelo

Term 1 Lesson 30
Theme ya 1 Dyondzontsongo ya 30
Consolidation
Nkatsakanyo

Calculate using the column method:

Khakhuleta u tirhisa tikholomo:

a   64 + 12 = _____   **b**   55 + 14 = _____

c   61 + 13 = _____   **d**   54 – 12 =_____

e   67 – 16 = _____

Term 1 Lesson 31
Theme ya 1 Dyondzontsongo ya 31
Column subtraction
Ku susa u tirhisa tikholomo

CLASSWORK   NTIRHO WA LE TLILASINI

Calculate the following using the column method:

Khakhuleta leswi landzelaka u tirhisa tikholomo:

a   35 – 12 =_____

b   88 – 16 =_____

c   69 – 28 =_____

d   76 – 33 =_____

e   98 – 72 =_____

EXTENSION   XIENGETELO

Calculate the following using the column method:

Khakhuleta leswi landzelaka u tirhisa tikholomo:

a   77 – 65 = _____

b   86 – 51 = _____

c   67 – 13 = _____

Term I Lesson 32
Theme ya I Dyondzontsongo ya 32
Column subtraction

Ku susa u tirhisa tikholomo

CLASSWORK   NTIRHO WA LE TLILASINI

Calculate the following using the column method:

Khakhuleta leswi landzelaka u tirhisa tikholomo:

a   34 – 10 =_____   **b**   28 – 18 =_____

c   50 – 40 =_____   **d**   45 – 42 =_____

e   69 – 7 =_____

EXTENSION   XIENGETELO

Calculate the following using the column method:

Khakhuleta leswi landzelaka u tirhisa tikholomo:

a   53 – 23 = _____

b   35 – 20 = _____

c   47 – 31 = _____

Term 1 Lesson 33
Theme ya 1 Dyondzontsongo ya 33
Subtraction using a number line
Ku susa u tirhisa ndzhati wa mitsengo

CLASSWORK   NTIRHO WA LE TLILASINI

Complete the following using the column method and a number line:

Hetisa leswi landzelaka u tirhisa tikholomo na ndzhati wa mitsengo:

a   38 − 27 = _____
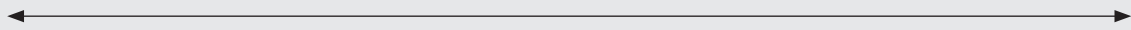
b   67 − 13 =_____

c   76 – 33 =_____

EXTENSION   XIENGETELO

Complete the following using the column method and a number line:

Hetisa leswi landzelaka u tirhisa tikholomo na ndzhati wa mitsengo:

a   98 – 72 = _____

b   77 – 65 = _____

Term 1 Lesson 34
Theme ya 1 Dyondzontsongo ya 34
Addition using bar diagrams

Ku hlanganisa u tirhisa tidayagiramu ta tibara

CLASSWORK   NTIRHO WA LE TLILASINI

1   Thoko has 11 green marbles and 5 yellow marbles. How many marbles does Thoko have altogether?

Thoko u na 11 wa timabulu ta rihlaza na 5 wa timabulu ta xitshopana. Xana Thoko u na timabulu tingani loko ti helerile?

_____

2   Thoko has 14 apples. Silo has 4 more apples then Thoko. How many apples does Silo have?

Thoko u na 14 wa maapula. Silo u na maapula yo tlula ya Thoko hi 4. Xana Silo u na maapula mangani?

_____

3   Thoko had 4 mangos and her mother gave her 13 mangos. How many mangos does Thoko have now?

Thoko a ri na 4 wa timango kutani mhani wa yena a n'wi nyika 13 wa timango. Xana Thoko u na timango tingani sweswi?

_____

EXTENSION   XIENGETELO

Solve the following addition problem:

Thembi has 10 dolls. Thandi has 5 more dolls then Thembi. How many dolls does Thandi have?

Ololoxa xiphiqo lexi landzelaka xo hlanganisa:

Thembi u na 10 wa swipopana. Thandi u na swipopana swo tlula swa Thembi hi 5. Xana Thandi u na swipopana swingani?

_____

Term I Lesson 35
Theme ya I Dyondzontsongo ya 35
Consolidation
Nkatsakanyo

1 Complete the following:
    Hetisa leswi landzelaka:

65 – 32 = (60 + _____) – (30 + _____)

= (60 – _____) + (5 – _____)

= 30 + 3

=_____

2 Calculate 65 – 44 = _____ using the column method.

Khakhuleta 65 – 44 = _____ u tirhisa tikholomo.

3 Calculate 89 – 60 = _____ using the column method.

Khakhuleta 89 – 60 = _____ u tirhisa tikholomo.

4 Show 67 – 17 = _____ using the number line.

Komba 67 – 17 = _____ u tirhisa ndzhati wa mitsengo.

5 Calculate 55 – 42 = _____ using the column method.

Khakhuleta 55 – 42 = _____ u tirhisa tikholomo.

6 Show 80 – 13 = _____ using the number line.

Kombisa 80 – 13 = _____ u tirhisa ndzhati wa mitsengo.

Term I Lesson 36
Theme ya I Dyondzontsongo ya 36
Subtraction using bar diagrams
Ku susa u tirhisa dayagiramu ya tibara

CLASSWORK   NTIRHO WA LE TLILASINI

1   Thoko had 17 beans in total and gave 5 of them to her sister. How many beans does Thoko have now?
    Thoko a ri na 17 wa tinyawa kutani ta 5 u nyike sesi wa yena. Sweswi Thoko u na tinyawa tingani?

    _____

2   Nosisi has 16 carrots and Sipho has 5 less than her. How many carrots does Sipho have?
    Nosisi u na 16 wa makheroti kasi ya Sipho ma le hansi eka ya Nosisi hi 5. Sipho u na makheroti mangani?

    _____

3   Nomonde has 16 marbles in total. Three of them are pink and the rest is red. How many red marbles does she have?
    Nomonde u na 16 wa timabulu. Tinharhu i ta pinki kutani letin'wana i to tshwuka. Xana u na timabulu tingani to tshwuka?

    _____

EXTENSION   XIENGETELO

Solve this word problem:

John has 18 pencils. He loses 5. How many pencils does he have?

Ololoxa xiphiqo lexi xa marito:

John a ri na 18 wa tipenisele. U lahlekeriwe hi 5. Xana u na tipenisele tingani sweswi?

_____

Term 1 Lesson 37
Theme ya 1 Dyondzontsongo ya 37
More bar diagrams
Tidayagiramu tin'wana ta tibara

CLASSWORK   NTIRHO WA LE TLILASINI

1   Moosa has 14 pens in total. Eight of them are blue and the rest are red. How many red pens does he have?

Moosa u na 14 wa tipene. Ta nhungu i ta wasi kutani letin'wana i to tshwuka. Xana Moosa u na tipene tingani to tshwuka?

_____

2   George has 8 bananas. Joe had 4 more. How many more bananas does Joe have?

George a ri na 8 wa tibanana. Joe a ri na to tlula ta yena hi 4. Xana Joe u na tibanana tingani?

_____

EXTENSION   XIENGETELO

Solve the following word problem.

Anna has 18 apples in total. Nine of them are red and the rest are green. How many green apples does she have?

Ololoxa xiphiqo lexi xa marito:

Anna a ri na maapula ya 18. Ya kaye i yo tshwuka kutani laman'wana i ya rihlaza. Xana u na maapula mangani ya rihlaza?

_____

Term 1 Lesson 38
Theme ya 1 Dyondzontsongo ya 38
Addition and subtraction
Ku susa ni ku hlanganisa

CLASSWORK   NTIRHO WA LE TLILASINI

1   Calculate: 34 + 25 =
    Khakhuleta: 34 + 25 = _____

2   Calculate: 48 – 35 =
    Khakhuleta: 48 – 35 = _____

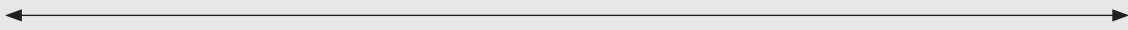3   Thoko has 11 black pens and 7 red pens. How many pens does Thoko have altogether?

    Thoko u na 11 wa tipene ta ntima na 7 wa tipene to tshwuka. Xana Thoko u na tipene tingani loko ti helerile? (hlengeletiwile)
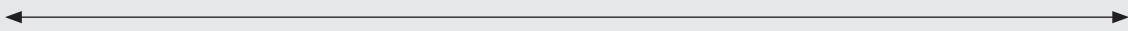
    _____

EXTENSION   XIENGETELO

Solve using a number line:

Ololoxa u tirhisa ndzhati wa mitsengo:

1   36 + 11 = _____

⟵―――――――――――――――――――――――――――⟶

2   58 – 15 = _____

⟵―――――――――――――――――――――――――――⟶

Term 1 Lesson 39
Theme ya 1 Dyondzontsongo ya 39
Assessment
Makambelelo

Term 1 Lesson 40
Theme ya 1 Dyondzontsongo ya 40
Consolidation
Nkatsakanyo

1   Tim has 14 green balls and 6 yellow balls. How many balls does Tim have altogether?

   Tim a ri na 14 wa tibolo ta rihlaza na 6 wa tibolo ta xitshopana. Tim u na tibolo tingani loko ti helerile?

   _____

2   Cindy had 16 sweets in total and gave 4 of them to her friend. How many sweets does Cindy have now?

   Cindy a ri na 16 wa malekere kutani u nyike munghana wa yena 4 wa wona. Sweswi Cindy u na malekere mangani?

   _____

3   Max has 11 marbles. Simon has 5 more marbles than Max. How many marbles does Simon have?

   Max a ri na 11 wa timabulu. Simon u na to tlula ta Max hi 5. Simon u na timabulu tingani?

   _____

4   Anna has 17 biscuits and Sam has 5 less than her. How many biscuits does Sam have?

   Anna a ri na 17 wa makokisi kutani ya Sam ma le hansi ka ya yena hi 5. Xana Sam u na makokisi mangani?

   _____

Term 1 Lesson 41
Theme ya 1 Dyondzontsongo ya 41
Length
Vulehi

CLASSWORK   NTIRHO WA LE TLILASINI

1   Which line is shorter?
     Hi wihi ntila wo koma?

     a ⸺⸺⸺⸺⸺ or/kumbe **b** ⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺

2   Which line is longer?
     Hi wihi ntila wo leha?

     a ⸺⸺⸺⸺⸺ or/kumbe **b** ⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺

3   Draw a rectangle, and measure the sides using your index finger.
     Dirowa yinhlamune kutani u pima matlhelo hi ritiho ra wena ra sasankambana.

4   Use a pencil to measure the width of the window frame in the classroom.
     Tirhisa penisele u pima ku anama ka rimba ra fasitere ra kamara ra tlilasi.

5 Use your hand span to measure the length of your desk.

Tirhisa xandla xa wena u pima ku leha ka desika ra wena.

6 Use your step (one foot in front of the other, with no spaces in between) to measure how many steps it takes to walk around the classroom.

Tirhisa nkondzo wa wena (veka nkondzo wun'wana emahlweni ka wun'wana, ku nga sali vangwa exikarhi ka yona) ku pima leswaku swi endla mikondzo yingani ku famba u rhendzeleka na tlilasi.

EXTENSION   XIENGETELO

1 Draw a picture of you and your friend.

Dirowa xifaniso xa wena na munghana wa wena.

2 Is your friend taller or shorter than you?

Xana munghana wa wena u lehile kumbe u komile eka wena?

_____
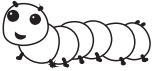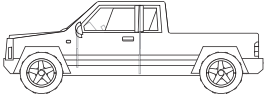
Term 1 Lesson 42
Theme ya 1 Dyondzontsongo ya 42
Non-standard units of length
Swipimo swa vulehi swa nkamafundza
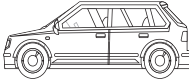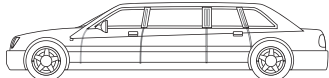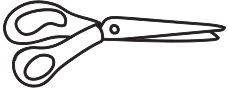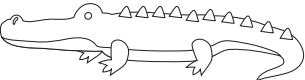
CLASSWORK   NTIRHO WA LE TLILASINI

1   Tick the box next to the longest shape.

Gwajula bokisi leri nga ekusuhi na xivumbeko xo leha.

<table>
<tr><td>1</td><td>4</td></tr>
<tr><td>2</td><td>5</td></tr>
<tr><td>3</td><td>6</td></tr>
</table>

2   About how many blocks long is each ice cream cone?

Xikhomelo xin'wana ni xin'wana xa ayisikhirimu xi lehe hi tibuloko tingani?

_____   _____   _____
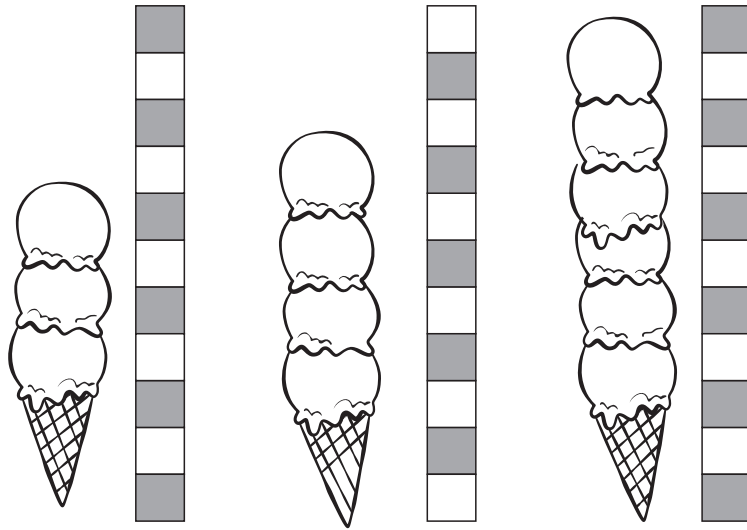
EXTENSION   XIENGETELO

Look at the drawing of a paintbrush, some paper clips and a crayon.

Languta xidirowiwa xa burachi yo penda, xa swikhomisamaphepha na xa khirayoni.
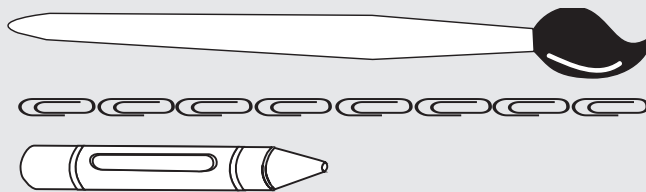
1   This paint brush is _____ paper clips long.

Burachi yo penda ya _____ ni swikhomisamaphepha hi ku leha.

2   This crayon is _____ paper clips long.

Khirayoni leyi _____ eka swikhomisamaphepha hi ku leha.

Term 1 Lesson 43
Theme ya 1 Dyondzontsongo ya 43
Standard units of length
Vulehi bya mafundza

CLASSWORK   NTIRHO WA LE TLILASINI

1   The shortest distance to throw and catch a ball is 1 m, 2 m, 3 m, 4 m or 5 m?

Mpfhuka wo koma swinene wo hoxa no khoma bolo i 1 m, 2 m, 3 m, 4 m or 5 m?

_____

2   The longest distance to throw and catch a ball is 1 m, 2 m, 3 m, 4 m or 5 m?

Mpfhuka wo leha swinene wo hoxa no khoma bolo i 1 m, 2 m, 3 m, 4 m or 5 m?

_____

3   Choose some lengths to measure at school in the lesson.

Hlawula mipfhuka leyi u nga ta yi pima exikolweni eka dyondzontsongo

a   List them in the table.

Yi xaxamete etafuleni.

b   Write in your estimation, your measurement and then the difference between your estimation and measurement.

Tsala ndzinganyeto wa wena, mipimo ya wena ivi u tsala ku hambana ka ndzinganyeto ni mipimo ya wena.

Item Nchumu	Estimation Ndzinganyeto	Measurement Mpimo	Difference Ku hambana

EXTENSION   XIENGETELO

1   Choose some lengths to measure at home.

Hlawula vulehi lebyi u nga ta byi pima ekaya.

2   List them in the table.

Byi xaxamete etafuleni.

3   Write down your estimations in your table.

Tsala mindzinganyeto ya wena etafuleni.

4   Write down your measurements and then the difference between your estimation and the measurements.

Tsala mipimo ya wena kutani u tsala ku hambana exikarhi ka ndzinganyeto na mipimo ya wena.

Item Nchumu	Estimation Ndzinganyeto	Measurement Mpimo	Difference Ku hambana

Term 1 Lesson 44
Theme ya 1 Dyondzontsongo ya 44
Measuring in metres
Ku pima hi timitara

CLASSWORK NTIRHO WA LE TLILASINI

1   Write the following items under the correct heading in the table below: pencil, tree, cell phone, telephone pole, lunchbox, sharpener, flagpole, fridge, school fence.

Tsala michumu leyi landzelaka ehansi ka nhlokomhaka leyi faneleke etafuleni leri nga laha hansi: penisele, murhi, selifoni, pala ya riqingho, timbuva, muchini wa penisele, mhandzi ya mujeko, xigwitsirisi, fenisi ya xikolo.

Length less than 1 m Vulehi bya le hansi ka 1 m	Length more than 1 m Vulehi byo tlula 1 m

2   Nomsa's brother is 1m tall, Jabu's brother is 2 m tall. Whose brother is taller?

Buti wa Nomsa u lehe 1 m, buti wa Jabu u lehe 2 wa timitara. I buti wa mani wo leha kutlula un'wana?

_____

3   How many metres in length do you think these objects are:

Xana u vona onge michumu leyi yi lehe timitara tingani:

a   A car?
Movha? _____

b   A playing field?
Rivala ro tlangela? _____

EXTENSION   XIENGETELO

Look around at home. Write down 5 objects that are less than 1 m and 5 objects more than 1 m in length.

Langutalanguta ekaya. Tsala michumu ya 5 leyi nga ehansi ka 1 m ni michumu yo tlula 1 m hi ku leha.

_____

_____

_____

_____

_____

_____

_____

Term 1 Lesson 45
Theme ya 1 Dyondzontsongo ya 45
Consolidation
Nkatsakanyo

1   Use the diagrams to decide which sides are short and which sides are long.
     Tirhisa tidayagiramu ku kuma matlhelo lama komeke ni lama leheke.

    a   The long side is _____ crayons.

        Tlhelo ro leha i _____ wa tikhirayoni.

    b   The short side is _____ crayons.

        Tlhelo ro koma i _____ wa tikhirayoni.

    c   The long side is _____ crayons.

        Tlhelo ro leha i _____ wa tikhirayoni.

d The short side is _____ crayons.

Tlhelo ro koma i _____ wa tikhirayoni.

e The long side is _____ crayons.

Tlhelo ro leha i _____ wa tikhirayoni.

f The short side is _____ crayons.

Tlhelo ro koma i _____ wa tikhirayoni.
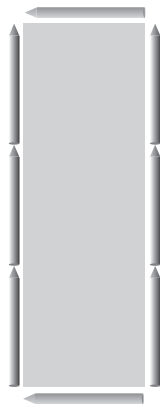
g The long side is _____ crayons.

Tlhelo ro leha i _____ wa tikhirayoni.

h The short side is _____ crayons.

Tlhelo ro koma i _____ wa tikhirayoni.

i   The long side is _____ crayons.

Tlhelo ro leha i _____ wa tikhirayoni.

j   The short side is _____ crayons.

Tlhelo ro koma i _____ wa tikhirayoni.

2   Work in groups with a metre stick.
    Pima mitlawa hi nhonga ya mitara.
    a   Choose 4 objects in the classroom.
        Hlawula michumu ya mune etlilasini.
    b   Write the names of the items in the table.
        Tsala mavito ya michumu etafuleni.
    c   Measure the length/width/height of the object using the metre stick.
        Pima vulehi/vuanami/vutlakuki bya nchumu u tirhisa nhonga ya mitara.

Item Nchumu	Measurement in metres Mpimo hi timitara

Term I Lesson 46
Theme ya I Dyondzontsongo ya 46
Length
Vulehi

CLASSWORK   NTIRHO WA LE TLILASINI

I   Sort these object into less/more than I m – write them into the table below in the correct column.

A pencil, a car, a mouse, teacher's desk, a carrot, a key and a ladder.
Veketela michumu leyi hikuya hileswaku yi le hansi/yi tlula I m – Yi tsale etafuleni leri nga laha hansi eka kholomo leyi faneleke.

Penisele, movha, kondlo, desika ra mudyondzisi, kheroti, xilotlelo ni xitepisi.

Length less than I m Vulehi bya le hansi ka I m	Length more than I m Vulehi byo tlula I m

2 How many metres do you think these objects are in length?

Xana u vona onge michumu leyi yi lehe timitara tingani?

    a Chalkboard –

    Bodo yo tsalela _____ m

    b Height of a fridge –

    Vutlakuki bya firiji _____ m

    c Width of a street –

    Vuanami bya xitarata _____ m

3 Solve the following problem.

Mary walks 23 m to the classroom. Then she walks 15 m to her desk. How many metres did Mary walk?

Ololoxa xiphiqo lexi landzelaka

Mary u famba 23 m ku ya etlilasini. Kutani u famba 15 m ku ya ka desika ra yena. Xana Mary u fambe timitara tingani?

_____

EXTENSION   XIENGETELO

Look around your house. Estimate the length of these objects:

Langutalanguta endlwini ya ka n'wina. Ringanyeta vulehi bya michumu leyi:

1 Your bed –

    Mubedo wa wena – _____ m

2 The height of the front door –

    Vutlakuki bya rivanti lera le mahlweni – _____ m

3 The length of the sofa –

    Vulehi bya sofa – _____ m

Term I Lesson 47
Theme ya I Dyondzontsongo ya 47
Assessment
Makambelelo

Term I Lesson 48
Theme ya I Dyondzontsongo ya 48
Ordinal and cardinal numbers
Tinomboro ta odinali ni ta khadinali

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

1   Refer to the hundred board to answer these questions:

Tirhisa bodo ya dzana ku hlamula leswi landzelaka:

a   Circle the second number to the right of the number 70.

Bana xirhendzevutana ka nomboro ya vumbirhi exineneni xa nomboro ya 70.

b   Draw a triangle on the sixth number to the right of 70.

Dirowa yinhlanharhu ka nomboro ya vutsevu exineneni xa 70.

c   Put a cross through the third number to the left of 70.

Bana ntila ka nomboro ya vunharhu eximatsini xa 70.

2   Colour the correct circle or circles:

Khalara xirhendzevutana kumbe swirhendzevutana leswi faneleke:

a   The third circle from the right.

Xirhendzevutana xa vunharhu kusuka exineneni.   ○○○○○○○○○○

b   Three circles from the right.

Swirhendzevutana swinharhu kusuka exineneni.   ○○○○○○○○○○

c   The fifth circle from the left.

Xirhendzevutana xa vuntlhanu kusuka eximatsini.   ○○○○○○○○○○

d   Five circles from the left.

Swirhendzevutana swa ntlhanu kusuka eximatsini.   ○○○○○○○○○○

e   The eighth circle from the right.

Xirhendzevutana xa vunhungu kusuka exineneni.   ○○○○○○○○○○

f   Eight circles from the right.

Swirhendzevutana swa nhungu kusuka exineneni.   ○○○○○○○○○○

g   The sixth circle from the left.

Xirhendzevutana xa vutsevu kusuka eximatsini.   ○○○○○○○○○○

h   Six circles from the left.

Swirhendzevutana swa tsevu kusuka eximatsini.   ○○○○○○○○○○

i   Four circles from the bottom.

Swirhendzevutana swa mune kusuka ehansi.

j   The fourth circle from the bottom.

Xirhendzevutana xa vumune kusuka ehansi.

k   Two circles from the top.

Swirhendzevutana swimbirhi kusuka ehenhla.

l   The second circle from the top.

Xirhendzevutana xavumbirhi kusuka ehenhla.

i	j	k	l
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○

EXTENSION   XIENGETELO

Draw 10 circles in your classwork book. Then:

Dirowa 10 wa swirhendzevutana ebukwini ya wena ya ntirho wa le tlilasini. Kutani:

a   Cross out the ninth circle from the right.

Bana ntila ka xirhendzevutana xa vukaye kusuka exineneni.

b   Draw a face in the third circle from the right.

Dirowa xikandza ka xirhendzevutana xa vunharhu kusuka exineneni.

c   Draw a triangle in the last circle from the right.

Dirowa yinhlanharhu ka xirhendzevutana xo hetelela kusuka exineneni.

d   Colour in the first circle from the right.

Khalara xirhendzevutana xosungula kusuka exineneni.

e   Draw a heart in the fourth circle from the right.

Dirowa mbilu ka xirhendzevutana xa vumune kusuka exineneni.

f   Draw a square in the seventh circle from the right.

Dirowa xikwere ka xirhendzevutana xa vunkombo kusuka exineneni.

Term 1 Lesson 49
Theme ya 1 Dyondzontsongo ya 49
Assessment
Makambelelo

Term I Lesson 50
Theme ya I Dyondzontsongo ya 50
Consolidation
Nkatsakanyo

1   In the sentence: Dad took me to the zoo.
    Exivulweni lexi: Tatana u fambile na mina entangeni wa swiharhi.

    a   Which is the eighth letter from the left?
    Hi rihi letere ra vunhungu kusuka eximatsini? _____

    b   Which is the eighth letter from the right?
    Hi rihi letere ra vunhungu kusuka exineneni? _____

    c   What is the second word from the right?
    Hi rihi rito ra vumbirhi kusuka exineneni? _____

    d   What is the third word from the left?
    Hi rihi rito ra vunharhu kusuka eximatsini? _____

    e   What is the first word?
    Hi rihi rito rosungula?   _____

2   In the sentence: We saw lions and bucks.
    Exivulweni lexi: Hi vonile tinghala ni timhunti.

    a   Which is the thirteenth letter from the right?
    Hi rihi letere ra vukhumenharhu kusuka exineneni? _____

    b   Which is the thirteenth letter from the left?
    Hi rihi letere ra vukhumenharhu kusuka eximatsini? _____

c What is the second word from the right?
   Hi rihi rito ra vumbirhi kusuka exineneni? _____

d What is the third word from the left?
   Hi rihi rito ra vunharhu kusuka eximatsini? _____

e What is the last word?
   Hi rihi rito ro hetelela? _____

3 Draw the shapes on the line by following the instructions:
   Dirowa swivumbeko endzhatini u landzela swiletelo leswi:

a Draw a star under the fifth line from the left.
   Dirowa nyeleti ehansi ka ntila wa vuntlhanu kusuka eximatsini.

b Draw a circle under the third line from the right.
   Dirowa xirhendzevutana ehansi ka ntila wa vunharhu kusuka exineneni.

c Put a heart under the line seventh from the left.
   Vekela mbilu ehansi ka ntila wa vunkombo kusuka eximatsini.

d Put a triangle under the first four lines from the left.
   Vekela yinhlanharhu ehansi ka mitila ya mune leyo rhanga kusuka
   eximatsini.

e Put a square under the first two lines from the right.
   Vekela xikwere ehansi ka mitila mimbirhi leyo rhanga kusuka exineneni.

f Put a cross under the line sixth from the left.
   Vekela xihambano ehansi ka ntila wa vutsevu kusuka eximatsini.

g Put a smiley face under the line fourth from the right.
   Vekela xikandza xo n'wayitela ehansi ka ntila wa vumune kusuka exineneni.

Baseline assessment lessons, Topic 7: Measurement
Tidyondzontsongo ta makambelelo yo andlalela, Nhlokomhaka 7: Mpimo

LENGTH
VULEHI

Which train is shorter and which is longer?

Hi xihi xitimela xo koma naswona hi xihi xo leha?
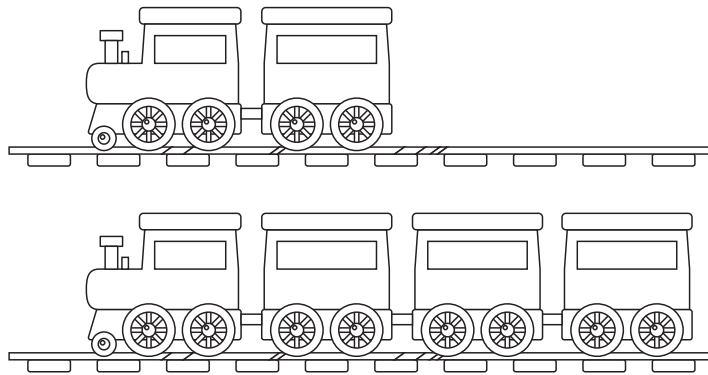
Which building is higher and which is lower?

Hi wihi muako wo leha naswona hi wihi wo koma?
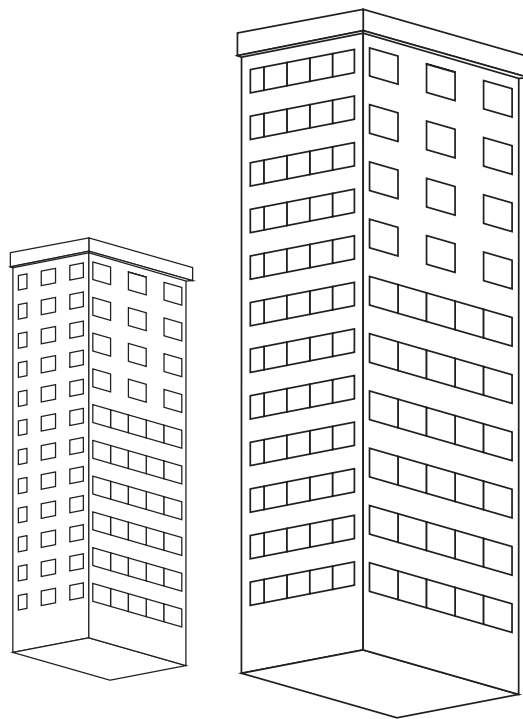
MASS
NTIKO

Which object is heavier?

Hi wihi nchumu wo tika swinene?

CAPACITY
VUNDZENI

Which container is full, which is half full and which is empty?

Hi xihi xibye lexi taleke, hi xihi lexi nga hafu naswona hi xihi lexi nga hava nchumu?

Baseline assessment lessons, Topic 8: Data Handling
Tidyondzontsongo ta makambelelo yo andlalela, Nhlokomhaka 8: Matirhiselo ya switiviwa

1   Look at the drawings of objects. What do you see?

Languta michumu yo dirowiwa. Xana u vona yini?
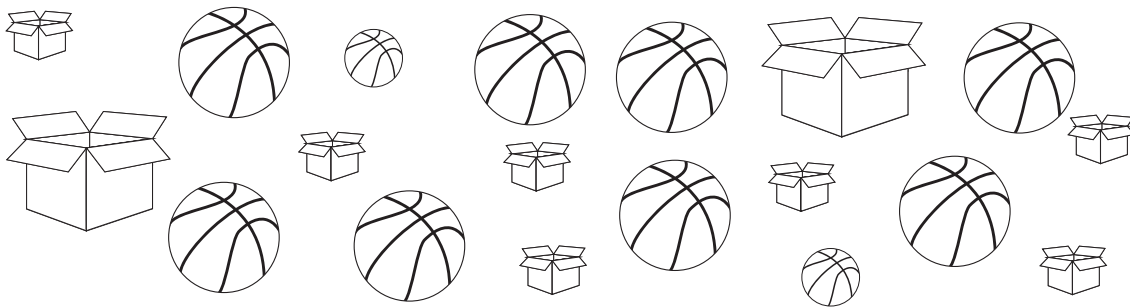
2   Sort the objects. Count how many of each kind.

Veketela michumu. Hlayela leswaku i michumu yingani eka muxaka wun'wana na wun'wana.

small balls tibolo letitsongo	big balls tibolo letikulu
small boxes mabokisi lamatsongo	big boxes mabokisi lamakulu

3   Talk about other ways you can sort objects.

Vula tindlela tin'wana leti u nga veketelaka hatona michumu hi mixaka ya yona.

100 board (lesson 2 +)

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

Place value table (lesson 2 +)
Tafula ra vukulu bya tidijiti (dyondzotsongo 2 +)

Tens Vakhume	Ones Van'we
_____ tens/vakhume	_____ ones/van'we

Printed tens (lesson 2 +)

(Learners must cut these up into 10 strips)

Board game (lesson 12)

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

START 1 2 3 4 5 6 7 8

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