MATHEMATICS

Grade 3

English/ Tshivenḓa

Teacher's Resource Pack

2020 TERM 1

Contents

1 Written assessment tests

Written Assessment Lesson 7: Numbers up to 999

U linga ha u ṅwala Ngudo ya 7: Nomboro u swika kha 999

1   Use your flard cards to make the number. Write the number on the line.

Shumisani garaṱa dzaṋu dza u fhaṱa nomboro kha u sika nomboro. Ṅwalani nomboro iyo kha mutalo.

    a   3 hundreds, 6 tens and 0 ones

       Maṱana a 3, mahumi a 6 na thihi dza 0   _____

    b   8 hundreds, 0 tens and 5 ones

       Maṱana a 8, mahumi a 0 na thihi dza 5   _____

    c   4 hundreds, 1 ten and 2 ones

       Maṱana a 4, fumi ḽa 1 na thihi dza 2   _____

2   Use your drawings. Fill in the missing numbers.

Shumisani nyolo dzaṋu. Ṅwalani nomboro dzi no khou ṱahela.

		has i na		hundreds wa maṱana		tens wa mahumi		ones thihi dza
a	836							
b	620							
c	409							

3 Write the following as number symbols:

Ṅwalani zwi tevhelaho sa zwiga zwa nomboro:

a four hundred and ten

maṱana maṋa na fumi _____

b the number after 559

nomboro i no tevhela 559 _____

4 Write the following as number names:

Ṅwalani zwi tevhelaho sa madzinambalo:

a 235 _____

b 999 _____

5 Complete these patterns of 10: (2 marks)

Fhedzisani phetheni dza 10 idzi:

a 260,270 _____, _____, _____, _____, 320

b 620, 610, _____, _____, _____, _____, 560

6 Use your numbered counters to complete the following: (4 marks)

Shumisani zwivhaleli zwo nomboriwaho kha u fhedzisa zwi tevhelaho

There are Hu na		tens in wa mahumi kha	130
There are Hu na		tens in wa mahumi kha	210
There are Hu na	19	tens in wa mahumi kha	
There are Hu na	27	tens in wa mahumi kha	

Written Assessment Lesson 14
Numbers up to 1 000

U linga ha u ṅwala Ngudo ya 14:
Nomboro u swika kha 1 000

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

Itani mitalombalo ya u ni thusa kha u sendedza tsini na mahumi a tsinisa nomboro dzi tevhelaho:

a   761 _____   b   927 _____

c   484 _____   d   689 _____

2   Write these numbers from the smallest to the biggest:

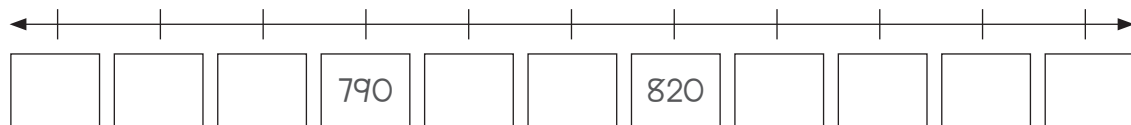Ṅwalani nomboro idzi u thoma kha ṱhukhusesa u ya kha khulwanesesa:

145, 457, 45 _____

3   Write the following numbers from biggest to smallest:

Ṅwalani nomboro idzi u thoma kha khulwanesesa u ya ṱhukhusesa:

130, 310, 301 _____

4   Fill in the missing numbers on the number line:

Ṅwalani nomboro dzi no khou ṱahela kha mutalombalo:

			790			820				

5 Fill in > or <:

Dzhenisani > kana <:

   a 751 _____ 571

   b 498 _____ 488

   c 561 _____ 651

   d 204 _____ 240

   e 922 _____ 910

Written Assessment Lesson 22
Mental maths with 2-digit numbers

U linga ha u ṅwala Ngudo ya 22: Mbalo dza muhumbulo dzi re na nomboro dza didzhithi dza 2 (2-didzhithi)

1   Solve the following:
    Tandululani zwi tevhelaho:

    a   65 + _____ = 70

    b   34 + 6 = _____

    c   71 + _____ = 80

    d   46 + 4 = _____

2   Break up the number to find the solution:
    Fhandekanyani nomboro u itela u wana thandululo:

    a   43 + 9 = _____   b   29 + 5 = _____
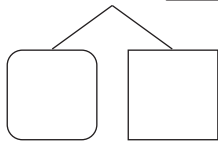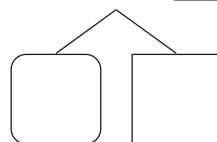
3   Break up the number into tens and ones to find the solution:
    Fhandekanyani nomboro dzi bve mahumi na (dzi)thihi u itela u wana thandululo:

    a   82 – 6 = _____   b   66 – 9 = _____
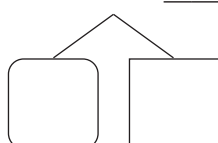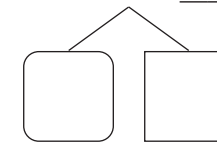
4 Solve the problems:
Tandululani mbalo/thaidzo:

a 41 – 7 = _____

b 53 + 9 = _____

c 63 – 9 = _____

d 27 + 6 = _____

e 84 – 5 = _____

f 37 + 5 = _____

5 What do we get if we add:
Ri wana mini arali ra ṱanganya:

a 13 + 80 = _____

b 51 + 40 = _____

6 What do we get if we subtract:
Ri wana mini arali ra ṱusa:

a 84 – 20 = _____

b 39 – 10 = _____

Written Assessment Lesson 27: Addition

U linga ha u ṅwala Ngudo ya 27: Muṱanganyo

1   Solve the following using simplified pictorials:

Tandululani zwi tevhelaho ni tshi shumisa zwifanyiso zwo leludzwaho.

a   65 + 52 = _____

H maṱana	T mahumi	O thihi

b   54 + 85 = _____

H maṱana	T mahumi	O thihi

c   39 + 94 = _____

H maṱana	T mahumi	O thihi

d 86 + 98 = _____

H maṱana	T mahumi	O thihi

2 Solve the following by using the column method:

Tandululani zwi tevhelaho ni tshi shumisa ngona/nṱila ya kholomo:

a 53 + 64 = _____

b 81 + 73 = _____

c 85 + 89 = _____

d 57 + 86 = _____

3 Solve the following by using a number line:

Tandululani zwi tevhelaho ni tshi shumisa mutalombalo.

a 74 + 48 = _____

b 58 + 59 = _____

Written Assessment Lesson 33: Subtraction
U linga ha u ṅwala Ngudo ya 33: Muṱuso

1   Solve the following using simplified pictorials:
    Tandululani zwi tevhelaho ni tshi shumisa zwifanyiso zwo leludzwaho:

a   117 − 68 = _____

H maṱana	T mahumi	O thihi

b   133 − 94 = _____

H maṱana	T mahumi	O thihi

c   171 − 99 = _____

H maṱana	T mahumi	O thihi

d 133 – 85 = _____

H matana	T mahumi	O thihi

2   Solve the following using the column method:

Tandululani zwi tevhelaho ni tshi shumisa ngona/nṱila ya kholomo:

a   103 – 64 = _____   **b**   165 – 89 = _____

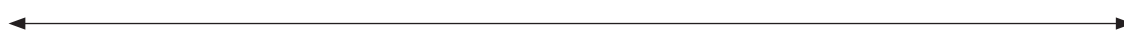**c**   178 – 89 = _____   **d**   143 – 86 = _____

3   Solve the following using a number line:

Tandululani zwi tevhelaho ni tshi shumisa mutalombalo:

a   123 – 74 = _____

b   117 – 59 = _____

Written Assessment Lesson 38
Addition and subtraction
U linga ha u ṅwala Ngudo ya 38: Muṱanganyo na muṱuso

1   Solve the following using the column method:
     Tandululani zwi tevhelaho ni tshi shumisa ngona ya khoḽomo:

a   58 + 59 = _____   b   96 + 27 = _____

c   156 – 69 = _____   d   882 – 65 = _____

e   106 – 9 = _____

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.

Wanani uri idzi mbalo dza muṱuso ndi dzone naa nga u tou ṱanganya.

Itani thiki kana tshifhambano u sumbedza uri mbalo ya muṱuso ndi yone kana i si yone.

		Correct Ndi yone	Incorrect A si yone

a 487 − 28 = 437

H	T	O
	₁	
4	3	7
+	2	8
4	6	5

b 262 − 48 = 214

H	T	O
	₁	
2	1	4
+	4	8
2	6	2

3 Silo has 328 rands. His mother gave him 48 rands. How much does he have now?

Tshililo u na R328. Mme awe vha mu fha R48. U na vhugai zwino?

4 There are 421 letters at the post office. 64 letters are delivered. How many letters are still at the post office?

Hu na marifhi/maḽwalo a 421 poswoni. Marifhi a 64 a rumelwa vhaṋe vhao. Ndi marifhi mangana ane a kha ṱi vha o sala poswoni?

Written Assessment Lesson 42
What's the missing number?

U linga ha u ṅwala Ngudo ya 42:
Nomboro i no khou ṱahela ndi ifhio?

a Show the following on the number line: $\square - 3 - 7 = 9$

Sumbedzani zwi tevhelaho kha mutalombalo: $\square - 3 - 7 = 9$

b Show the following on the number line: $3 + 7 + \square = 19$

Sumbedzani zwi tevhelaho kha mutalombalo: $3 + 7 + \square = 19$

c What do you notice about the 2 number lines above?

Ni vhona zwifhio zwi no kwama mutalombalo ya 2 (mivhili) i re afho nṱha?

_____

d 13 and how many make 21?

Ndi 13 na nngana/vhugai zwi no ita 21? _____

e _____ $- 5 - 6 = 8$

f _____ $- 2 + 3 = 7$

g $9 + 3 -$ _____ $= 5$

h $4 + 7 +$ _____ $= 19$

i   I am thinking of a number. When I take 8 away from the number my answer is 12. What number am I thinking of?

Ndi khou humbula nga nomboro. Nda bvisa 8 kha nomboro iyi, phindulo i vha 12. Ndi khou humbula nga nomboro ifhio?

_____

Written Assessment Lesson 49: Number patterns
U linga ha u ṅwala Ngudo ya 49: Phetheni dza nomboro

1   Complete the following number lines:

Fhedzisani mitalombalo i tevhelaho:

    a   3s from 240 to 276.

dzi3 u bva kha 240 u swika kha 276

    b   4s from 240 to 276.

dzi4 u bva kha 240 u swika kha 276

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

Ndi nomboro dzifhio dzi re kha phetheni ya dzi3 na phetheni ya dzi4 khathihi?

_____

2   Which numbers between 300 and 400 belongs to both the 25s and the 50s pattern?

Ndi nomboro dzifhio dzi re vhukati ha 300 na 400 dzi no wela kha phetheni ya dzi25 na dzi50 khathihi?

_____

3   Extend the pattern: Yandisa ipatheni:
    Engedzani phetheni:

    a   485, 490, 495, _____, _____, _____, _____

    b   300, 400, 500, _____, _____, _____, _____

    c   450, 400, 350, _____, _____, _____, _____

4   Complete the pattern:
    Fhedzisani phetheni:

    a   _____, _____, _____, 200, 195, 190

    b   _____, _____, _____, 560, 550, 540

    c   _____, _____, _____, 440, 438, 436

    d   450, 400, 350, _____, _____, _____, _____

garaṱaṱhanwa/
garaṱaṱai

mutalombalo
u si na
tshithu

mithamuwo

phetheni

phikhithoriaḽa/-
zwifanyiso

nyandiso
dza 10

ṱhukhu kha

khulwane
kha

tshigidi
tshithihi

ṅanda

vhuimo ha nomboro
khulwanesa
mutalombalo
khwanesesa kha

ṱhukhu kha

ṱhukhusesa

khwalesesa

tevhela

sia/buḓo

sendedza tsini

tshiga/ luswayo

vhambedza

u gonyisa

u tsitsa

fumi ḽa ^ tsinisa/
mahumi a tsinisa

ṱhanganyelo/
thothaḽa/
tshivhaloguṱe

ṱanganya

ṱusa

bvisa

nyandiso dza 100

mbalo dza menthela

ṱanganelo ya nomboro

muṱanganyo hu na murathiso

u vhala/ vhalela dzoṱhe

u vhalela
phanḓa

u vhumba
fumi

pamba

phwasha/
peḓula

vhambadza

vhalela
murahu

pfukisa

ṱhanganyelo/
fhelela

zero/pumu

kholomo

rengisela/
ṋeana

nṱha-fhasi/
vethikhaḽa

rathisa

u thamuwa

ṱola/tsheka

thikha/thikhi

hwaya

nyolodungo

mbalomaipfi/ thaidzo ya maipfi

baḓekanya

shandula/
shanduka/
tshintsha/
tshintshi

nomboroṱhuswa

dzi2

dzi4

phetheni ya nomboro

dzi20

dzi25

dzi50

mal00