

MATHEMATICS

Grade 2

English/

Tshivenda

Learner

Activity

Book

2020 TERM 2

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.

Marangaphanda

Phekhe iyi ya zwiko i na nyito dza fu $\ddot{\text{t}}$ hanu dza $\ddot{\text{d}}$ uvha na $\ddot{\text{d}}$ uvha dzo nomboriwaho, dzi dza mushumo wa ki $\ddot{\text{l}}$ asini na tshuriwahaya. Nyito idzi dzi yelana na nyito dzi re kha pulane dza ngudo. Ngudo dza $\ddot{\text{d}}$ uvha $\ddot{\text{L}}$ iñwe na $\ddot{\text{L}}$ iñwe dzi tea u tevhelwa nga mushumo wa ki $\ddot{\text{l}}$ asini ha kona u tevhela tshuriwahaya. Mbudziso dza nyito dzi nga fhindulelwu buguni iyi.

Zwiko izwi zwi kha nyambo mbili. Ri na fulufhelo $\ddot{\text{L}}$ a uri u shuma nga nyambo mbili zwi $\ddot{\text{d}}$ o thusa vhagudi uri vha gude maipfi a mbalo nga luambo lwavho lwa hayani na nga English (Luisimane). Hezwi zwi $\ddot{\text{d}}$ o vha pfundisela (lugsela) u dzhena kha u guda mbalo ha vhutshilo ho $\ddot{\text{t}}$ he – ha tsiavhafu.

Arali vhagudi vha nga shuma mishumo iyi i tshi $\ddot{\text{t}}$ andulukana (nga sisiteme), vha $\ddot{\text{d}}$ o kona u khunyeledza kharikhu $\ddot{\text{l}}$ amu yo $\ddot{\text{t}}$ he. Ri na fulufhelo $\ddot{\text{L}}$ a uri, musi vhagudi vha tshi khou ita nyito idzi, vha $\ddot{\text{d}}$ o vha vha tshi khou guda mbalo hu na u $\ddot{\text{d}}$ iphin $\ddot{\text{a}}$.

Contents

Themo ya 2 Ngudo ya 1 Mučanganyo na mučuso ri tshi shumisa ngona ya kholomo	1
Themo ya 2 Ngudo ya 2 Mučanganyo nga murathiso (u dzudzanyulula) kha vhuimo ha thihi	5
Themo ya 2 Ngudo ya 3 Nđowendowe ya mučanganyo nga murathiso (u dzudzanyulula)	10
Themo ya 2 Ngudo ya 4 Mučanganyo nga murathiso (u dzudzanyulula) kha mutalombalo	15
Themo ya 2 Ngudo ya 5 U čanganya magudiswa	19
Themo ya 2 Ngudo ya 6 U linga	22
Themo ya 2 Ngudo ya 7 Mučanganyo nga murathiso kha mafhungombalo	23
Themo ya 2 Ngudo ya 8 U vhumba mafhungombalo a mučanganyo	25
Themo ya 2 Ngudo ya 9 U linga	27
Themo ya 2 Ngudo ya 10 U čanganya magudiswa	28
Themo ya 2 Ngudo ya 11 Mučuso nga u pamba	30
Themo ya 2 Ngudo ya 12 Nđowendowe ya mučuso nga u pamba	33
Themo ya 2 Ngudo ya 13 Mučuso nga u pamba kha mutalombalo	39
Themo ya 2 Ngudo ya 14 U linga	41
Themo ya 2 Ngudo ya 15 U čanganya magudiswa	42
Themo ya 2 Ngudo ya 16 Mučuso nga u pamba kha fhungombalo (1)	44
Themo ya 2 Ngudo ya 17 Mučuso nga u pamba kha fhungombalo (2)	48
Themo ya 2 Ngudo ya 18 U vhumba mafhungombalo a mučuso	53
Themo ya 2 Ngudo ya 19 U čanganya magudiswa a mučanganyo na mučuso	55
Themo ya 2 Ngudo ya 20 U čanganya magudiswa	57
Themo ya 2 Ngudo ya 21 U linga	60
Themo ya 2 Ngudo ya 22 Mbalo dza maiþfi hu tshi shumiswa tshatidungo	61
Themo ya 2 Ngudo ya 23 Nđowendowe ya tshatidungo	64
Themo ya 2 Ngudo ya 24 U shuma mbalo hu tshi shumiswa tshatidungo (1)	67
Themo ya 2 Ngudo ya 25 U čanganya magudiswa	70
Themo ya 2 Ngudo ya 26 U shuma mbalo hu tshi shumiswa tshatidungo (2)	72
Themo ya 2 Ngudo ya 27 Wanani nomboro ya u rangani ni tshi shumisa mučuso	75

Themo ya 2 Ngudo ya 28 Wanani nomboro ya u rangani ni tshi shumisa mu $\ddot{\text{t}}$ anganyo	78
Themo ya 2 Ngudo ya 29 U linga	81
Themo ya 2 Ngudo ya 30 U $\ddot{\text{t}}$ anganya magudiswa	82
Themo ya 2 Ngudo ya 31 Khaphasithi (n $\ddot{\text{d}}$ adzo) hu tshi shumiswa yunithi dzi si dza tshi $\ddot{\text{t}}$ andadi	85
Themo ya 2 Ngudo ya 32 Yunithi dzi si dza tshi $\ddot{\text{t}}$ andadi dza khaphasithi (n $\ddot{\text{d}}$ adzo)	87
Themo ya 2 Ngudo ya 33 Khaphasithi (n $\ddot{\text{d}}$ adzo): mbalo dza mu $\ddot{\text{t}}$ anganyo na mu $\ddot{\text{t}}$ uso	90
Themo ya 2 Ngudo ya 34 U shuma na khaphasithi (n $\ddot{\text{d}}$ adzo)	92
Themo ya 2 Ngudo ya 35 U $\ddot{\text{t}}$ anganya magudiswa	94
Themo ya 2 Ngudo ya 36 U linga	96
Themo ya 2 Ngudo ya 37 Yunithi dza tshi $\ddot{\text{t}}$ andadi dza vhuleme	97
Themo ya 2 Ngudo ya 38 Nyanganyelo ya tshileme	100
Themo ya 2 Ngudo ya 39 Tshileme: Mbalo dza mu $\ddot{\text{t}}$ anganyo na mu $\ddot{\text{t}}$ uso	103
Themo ya 2 Ngudo ya 40 U $\ddot{\text{t}}$ anganya magudiswa	105
Themo ya 2 Ngudo ya 41 U linga	107
Themo ya 2 Ngudo ya 42 U tandulula thaidzo (u shuma mbalo) (1)	108
Themo ya 2 Ngudo ya 43 U tandulula thaidzo (u shuma mbalo) (2)	110
Themo ya 2 Ngudo ya 44 U tandulula thaidzo (u shuma mbalo) (3)	113
Themo ya 2 Ngudo ya 45 U $\ddot{\text{t}}$ anganya magudiswa	116
Themo ya 2 Ngudo ya 46 Mu $\ddot{\text{t}}$ anganyo hu tshi shumiswa zwitangi	120
Themo ya 2 Ngudo ya 47 U linga	123
Themo ya 2 Ngudo ya 48 Mbalo dza maipfi – phambano	124
Themo ya 2 Ngudo ya 49 Mbalo dza maipfi – mbampedzo	127
Themo ya 2 Ngudo ya 50 U $\ddot{\text{t}}$ anganya magudiswa	130
Zwiko Zwigandiswa	133

Term 2 Lesson 1

Themo ya 2 Ngudo ya 1

Addition and subtraction using the column method

Mut̄anganyo na mut̄uso ri tshi shumisa ngona ya kholomo

CLASSWORK MUSHUMO WA KILASINI

Calculate using a place value table and the column method.

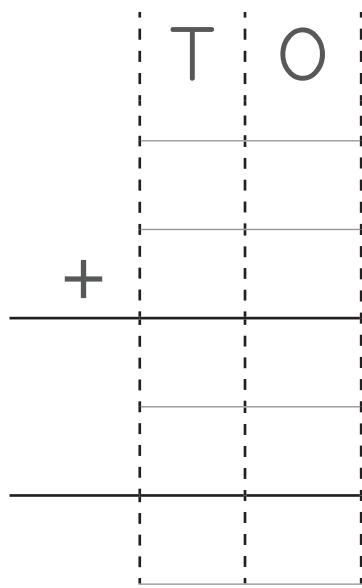
Rekanyani ni tshi shumisa thebulu ya vhuimo ha nomboro na ngona ya kholomo.

a $15 + 32 =$ _____

T	O
+	

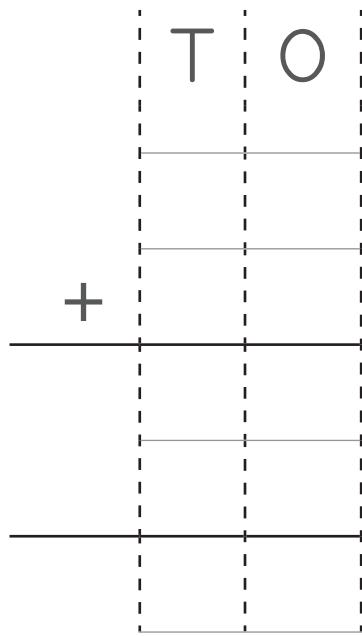
O: _____
T: _____

b $38 - 24 =$ _____



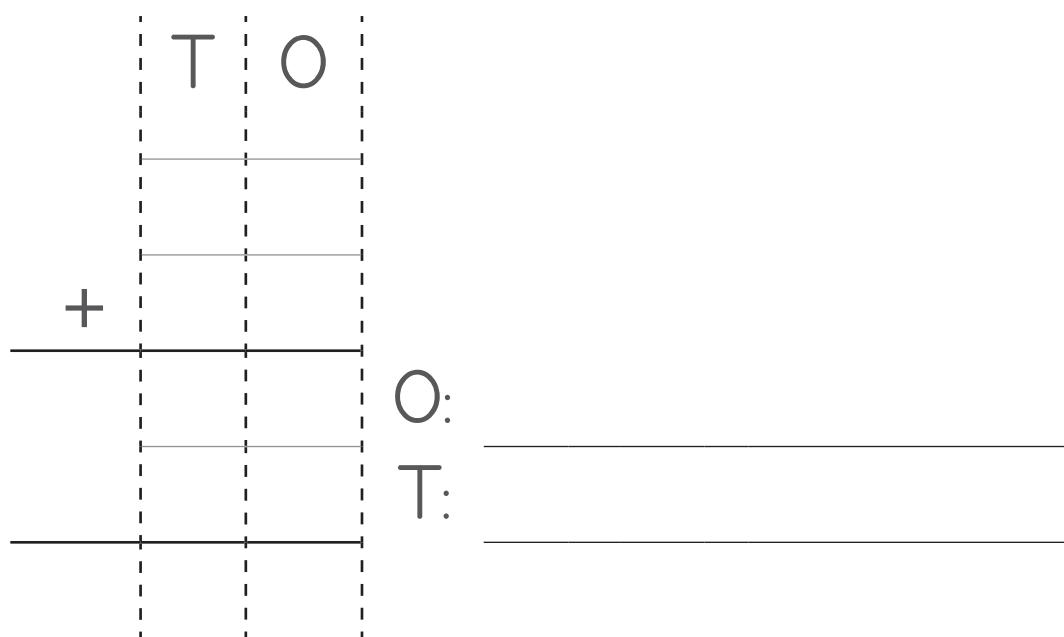
O: _____
T: _____

c $24 + 40 =$ _____



O: _____
T: _____

d $65 - 45 =$ _____



HOMEWORK TSHUNWAHAYA

Calculate using a place value table and the column method.

Rekanyani ni tshi shumisa thebulu ya vhuimo ha nomboro na ngona ya kholomo.

a $45 + 31 =$ _____

The diagram consists of two vertical dashed lines and a horizontal solid line. The top dashed line has two horizontal tick marks. The bottom dashed line has three horizontal tick marks. A '+' sign is located to the left of the bottom dashed line. To the right of the dashed lines, there are two blank lines labeled 'O:' and 'T:' respectively.

$b \quad 67 - 33 =$

The figure consists of a vertical dashed line with horizontal grid lines. A '+' sign is located at the top of the first grid line from the bottom. Above the dashed line, the letters 'T' and 'O' are positioned such that 'T' is above 'O'. To the right of the dashed line, there are two horizontal lines: the top one is labeled 'O:' and the bottom one is labeled 'T:'.

Term 2 Lesson 2

Themo ya 2 Ngudo ya 2

Addition with carrying in the ones place

Mułanganyo nga murathiso (u dzudzanyulula) kha
vhuimo ha thihi

CLASSWORK MUSHUMO WA KILASINI

Calculate using a place value table and the column method.

Rekanyani ni tshi shumisa thebulu ya vhuimo ha nomboro na ngona ya kholomo.

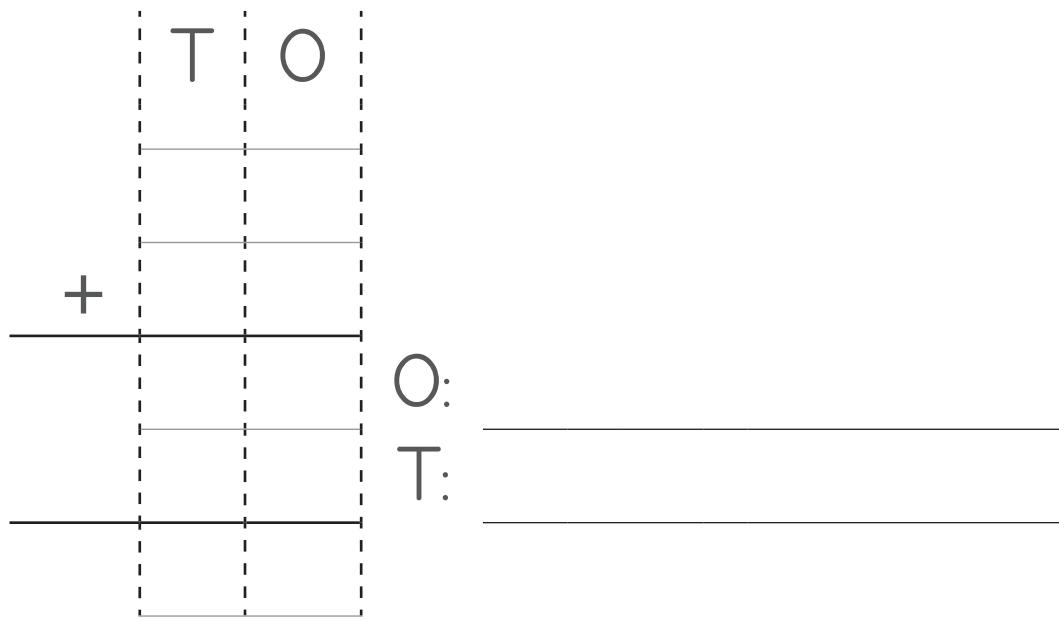
$$a \quad |q + 23 =$$

A diagram illustrating a coordinate system or grid. It features two horizontal solid black lines intersecting at their midpoints. From this intersection point, four dashed black lines extend outwards: two vertical lines extending upwards and downwards, and two horizontal lines extending to the left and right. In the upper-left quadrant, there is a small black plus sign (+).

0.

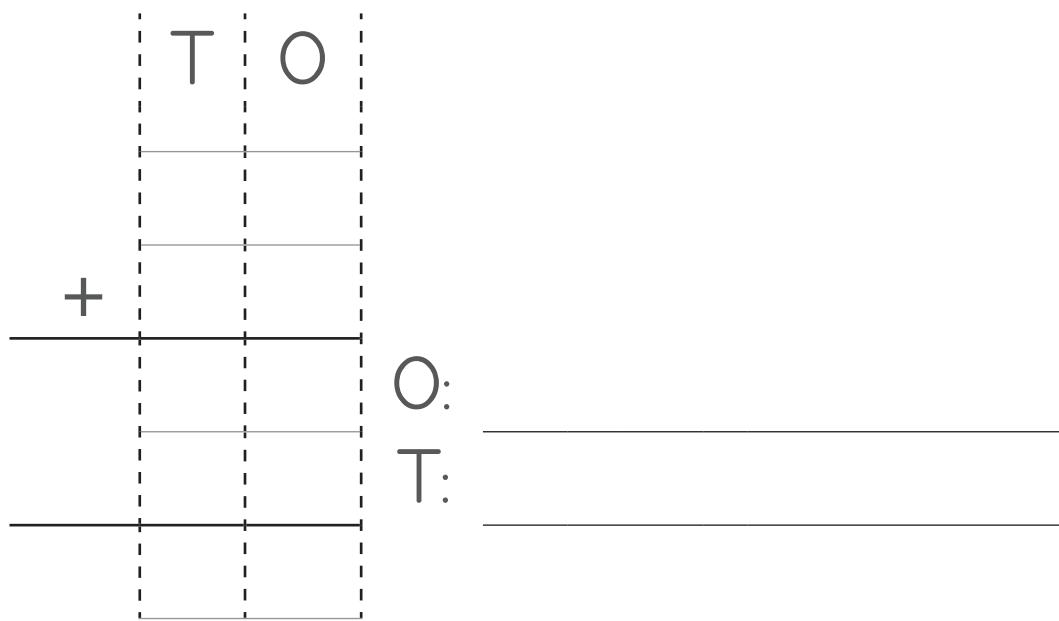
T:

b $38 + 29 =$ _____



O:
T:

c $27 + 49 =$ _____



O:
T:

d $74 + 8 =$ _____

	T	O
+		

O: _____
T: _____

e $27 + 13 =$ _____

	T	O
+		

O: _____
T: _____

f $16 + 54 = \underline{\hspace{2cm}}$

	T	O
+		

O:

T:

HOMEWORK TSHUNWAHAYA

Calculate using a place value table and the column method.

Rekanyani ni tshi shumisa thebu_{lu} ya vhuimo ha nomboro na ngona ya kho_{lomo}.

a $17 + 24 =$ _____

The diagram illustrates the vocal tract in three vertical sections: larynx, oral cavity, and pharynx. The larynx section shows the glottis (T) and oral floor (O). The oral cavity section shows the oral floor (O:) and tongue (T:). The pharynx section shows the oral floor (T:) and palate (O:). A '+' sign is placed above the larynx section.

$$\text{b} \quad 7 + 85 =$$

The figure consists of two parts. On the left, there is a vertical dashed line with four horizontal grid lines extending from it. The letter 'T' is positioned above the first grid line, and the letter 'O' is positioned above the second grid line. A plus sign (+) is placed on the first grid line. On the right, there are two rows of text. The first row contains 'O:' followed by a horizontal line. The second row contains 'T:' followed by a horizontal line.

Term 2 Lesson 3

Themo ya 2 Ngudo ya 3

Practising addition with carrying

Ndowendowe ya mutanganyo nga murathiso (udzudzanyulula)

CLASSWORK MUSHUMO WA KILASINI

Calculate using the column method.

Rekanyani ni tshi shumisa thebulu ya vhuimo ha nomboro na ngona ya kholomo.

$$\text{a } 27 + 24 =$$

A diagram illustrating a coordinate system or grid. It features two horizontal solid black lines intersecting at their midpoints. Vertical dashed lines extend upwards from the intersection point, creating a series of parallel vertical lines. The first dashed line to the left of the intersection is labeled with a bold black '+' sign. The first dashed line to the right of the intersection is labeled with a bold black '-' sign. Above the top solid line, there are two large, bold black letters: 'T' positioned above the first dashed line, and 'O' positioned above the second dashed line.

9

T:

b $16 + 18 =$ _____

	T	O
+		

O:

T:

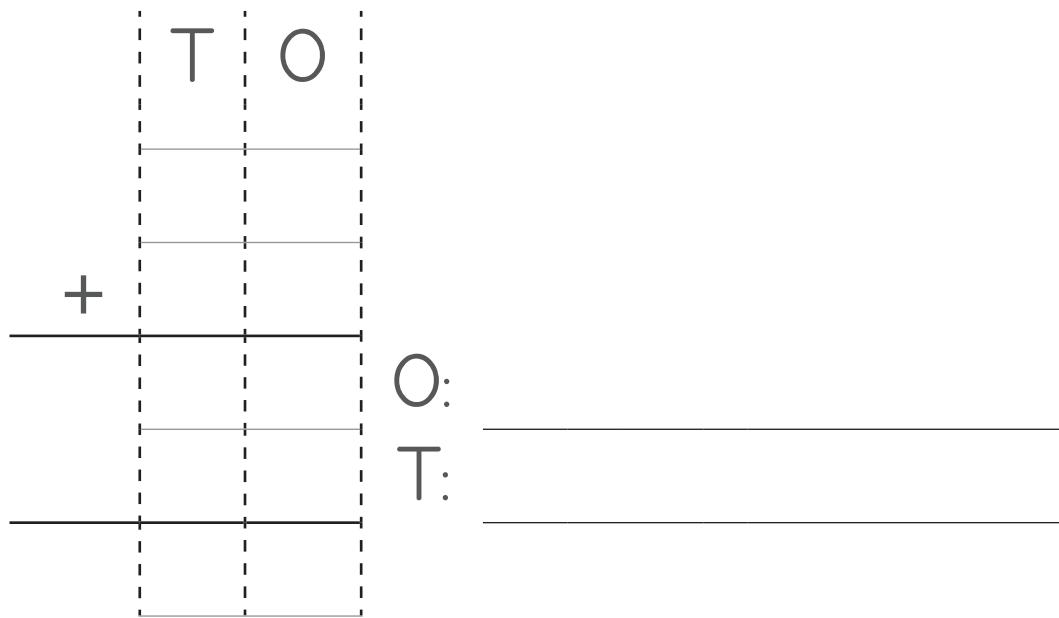
c $39 + 58 =$ _____

	T	O
+		

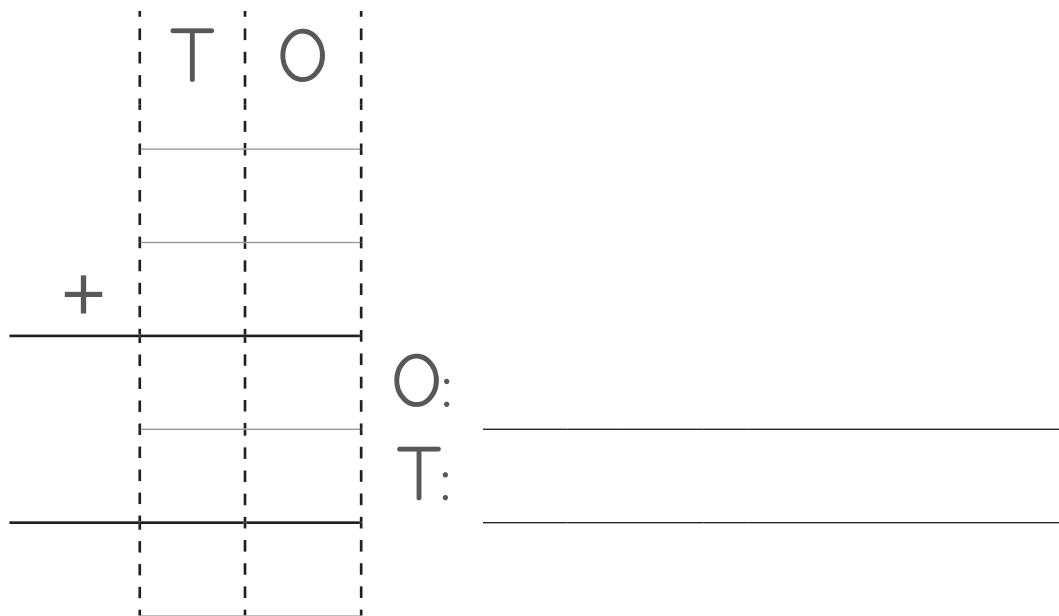
O:

T:

d $2l + 6q =$ _____



e $6q + 2l =$ _____



HOMEWORK TSHUNWAHAYA

Calculate using the column method.

Rekanyani ni tshi shumisa thebulu ya vhuimo ha nomboro na ngona ya kholomo.

a $28 + 12 =$ _____

+
T
O

O:
T:

$b \quad |3 + 67 =$

c $54 + 17 = \underline{\hspace{2cm}}$

	T	O	
+			
			O: <hr/>
			T: <hr/>

Term 2 Lesson 4

Themo ya 2 Ngudo ya 4

Addition with carrying on a number line

Mutanganyo nga murathiso (u dzudzanyulula) kha
mutalombalo

CLASSWORK MUSHUMO WA KILASINI

Solve using a number line. Check your answer using the column method.

Tandululani ni tshi shumisa mutalombalo. Tolani phindulo yanu ni tshi shumisa
ngona ya kholomo.

a $38 + 7 =$ _____



T	O
+	

O: _____

T: _____

$b - q + 76 = \underline{\hspace{2cm}}$

◀ ▶

+

T

O

O:

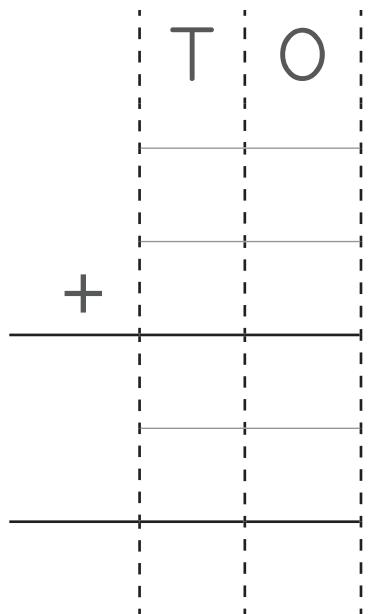
T:

c $34 + 6 =$ _____

← →

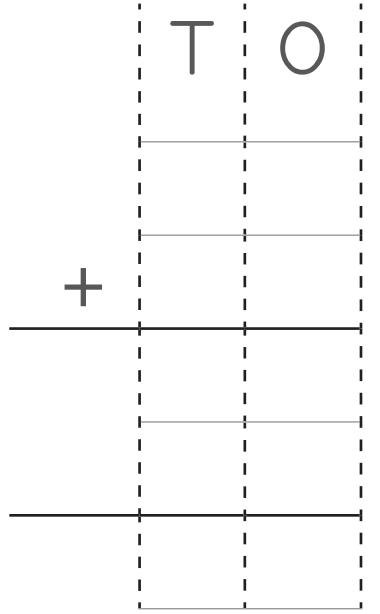
The diagram consists of two vertical dashed lines and a horizontal line. The top dashed line has the letters 'T' and 'O' written above it. The bottom dashed line has the symbol '+' written above it. To the right of the diagram, there are two blank lines labeled 'O:' and 'T:'.

d $3 + 67 =$ _____



O: _____
T: _____

e $5 + 85 =$ _____



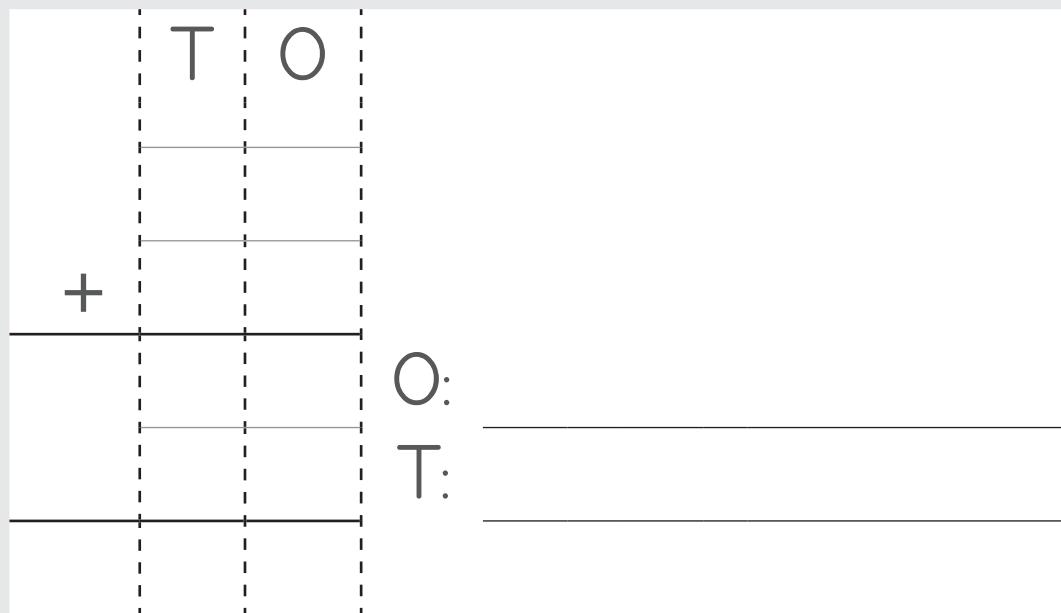
O: _____
T: _____

HOMEWORK TSHUNWAHAYA

Solve using a number line. Check your answer using the column method.

Tandululani ni tshi shumisa mutalombalo. Tolani phindulo yanu ni tshi shumisa ngona ya kholomo.

$47 + 8 = \underline{\hspace{2cm}}$



Term 2 Lesson 5

Themo ya 2 Ngudo ya 5

Consolidation

U ḥanganya magudiswa

- I Calculate using a place value table and the column method.

Rekanyani ni tshi shumisa thebuļu ya vhuimo ha nomboro na ngona ya kholomo.

$$26 + 37 = \underline{\hspace{2cm}}$$

T	O
+	

O: _____

T: _____

- 2 Solve using expanded notation and the column method.

Tandululani ni tshi shumisa muñwalo wo ḥandavhudzwaho na ngona ya kholomo.

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

The figure consists of two groups of parallel horizontal lines. The left group is enclosed by two vertical dashed lines and contains a '+' sign above the top line, and the letters 'T' and 'O' above the middle line. The right group is also enclosed by two vertical dashed lines and contains the letters 'O:' above the top line and 'T:' above the middle line. There are two solid horizontal lines at the bottom of the diagram.

- 3 Solve using a number line and the column method.

Tandululani ni tshi shumisa mutalombalo na ngona ya kholomo.

$$68 + 8 = \underline{\hspace{2cm}}$$



T	O
+	

O: _____

T: _____

Term 2 Lesson 6
Themo ya 2 Ngudo ya 6
Assessment
Ulinga

Term 2 Lesson 7

Themo ya 2 Ngudo ya 7

Addition with carrying in context

Mučanganyo nga murathiso kha mafhungombalo

CLASSWORK MUSHUMO WA KILASINI

Solve the following problems:

Tandululani thaidzo i tevhelaho:

I I had 23 oranges.

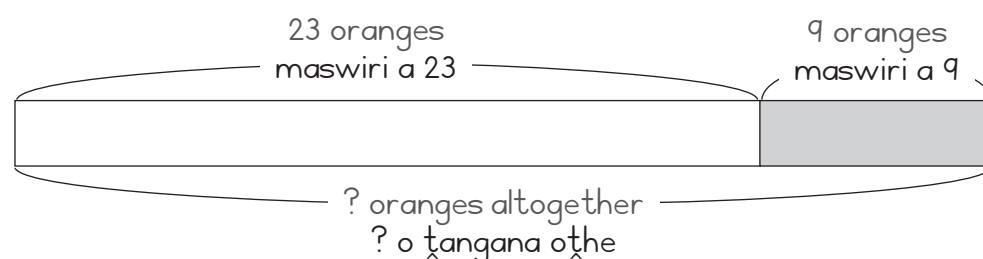
My dad gave me 9 oranges.

How many do I have now?

Ndo vha ndi na maswiri a 23.

Khotsi anga vho mpha maswiri a 9.

Ndi na maswiri mangana zwino?



- 2 Bonolo has 27 bananas.

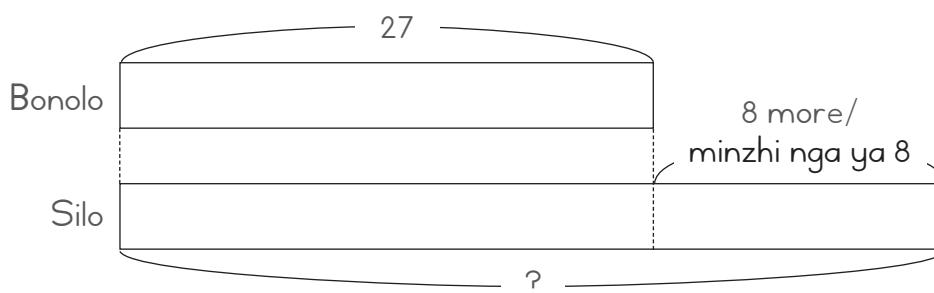
Silo has 8 more bananas than Bonolo.

How many bananas does Silo have?

Bonolo u na miomva ya 27.

Silo u na miomva minzhi kha ya Bonolo nga ya 8.

Silo u na miomva mingana?



HOMEWORK TSHUNWAHAYA

Solve the following problem:

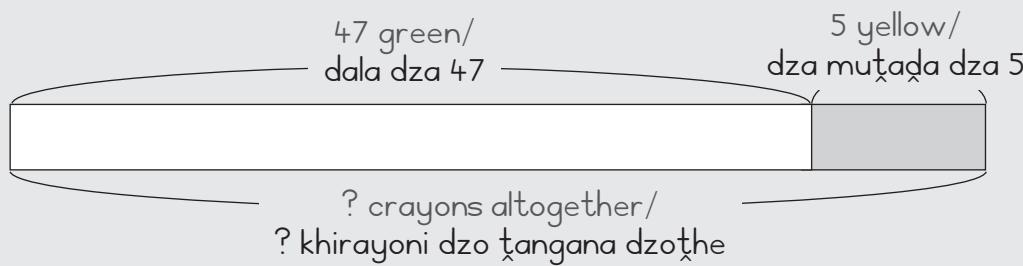
Tandululani thaidzo i tevhelaho:

- I Thabo has 47 green crayons and 5 yellow crayons.

How many crayons does Thabo have altogether?

Thabo u na kharayoni dala dza 47 na dza mučađa dza 7.

Thabo u na khirayoni nngana dzo ḥangana dzothé?



Term 2 Lesson 8

Themo ya 2 Ngudo ya 8

Making addition number sentences
U vhumba mafhungombalo a mučanganyo

CLASSWORK MUSHUMO WA KILASINI

Use the column method to check these answers. Mark each one with a tick or a cross.

Shumisani ngona ya kholomo kha u ḫola phindulo idzi. Swayani iñwe na iñwe nga thikhi kana tshifhambano.

1 $65 + 15 = 78$

T	O
6	5
+	1
1	0
7	0
8	0

O: $5 + 5 = 10$
T: $60 + 10 = 70$

2 $24 + 69 = 93$

T	O
2	4
+	6
1	3
8	0
9	3

O: $4 + 9 = 13$
T: $20 + 60 = 80$

3 $29 + 55 = 84$

T	O
2	9
+	5
1	4
7	0
8	4

O: $9 + 5 = 14$
T: $20 + 50 = 70$

4 $36 + 18 = 52$

T	O
3	6
+	1
1	4
4	0
5	4

O: $6 + 8 = 14$
T: $30 + 10 = 40$

HOMEWORK TSHUNWAHAYA

Use the column method to check this addition. Mark it with a tick or a cross.

Shumisani ngona ya kholomo kha u t̄ola mut̄anganyo uyu. Swayani iñwe na iñwe nga thikhi kana tshifhambano.

$$28 + 17 = 45$$

T	O
2	8
+	
1	7
1	5
3	0
4	5

O: $8 + 7 = 15$
T: $20 + 10 = 30$

Term 2 Lesson 9

Themo ya 2 Ngudo ya 9

Assessment
Ulinga

Term 2 Lesson 10

Themo ya 2 Ngudo ya 10

Consolidation

U ḥanganya magudiswa

- 1 Use the column method to check this answer. Mark it with a tick or a cross.

Shumisani ngona ya kholomo kha u ḥola phindulo iyi.

$$46 + 19 = 65$$

T	O
4	6
+	
1	9
—	—
1	5
5	0
—	—
6	5

O: $6 + 9 = 15$
T: $40 + 10 = 50$

- 2 Solve using a bar diagram. Write a number sentence to show your answer.

Tandululani ni tshi shumisa nyolo ya tshatidungo. Nwalani fhungombalo ni tshi sumbedza phindulo yanu.

- a Thembu has 33 red pencils and

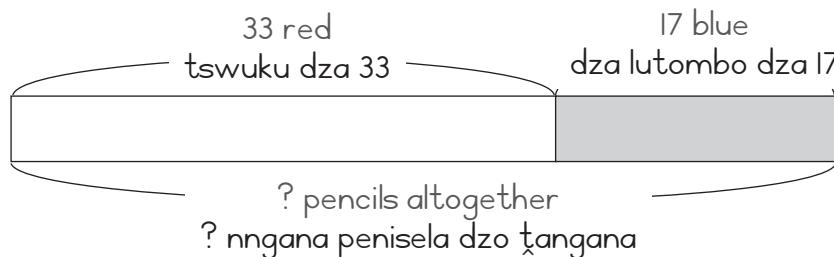
17 blue pencils.

How many pencils does Thembu have?

Thembu u na pinisela tswuku dza 33

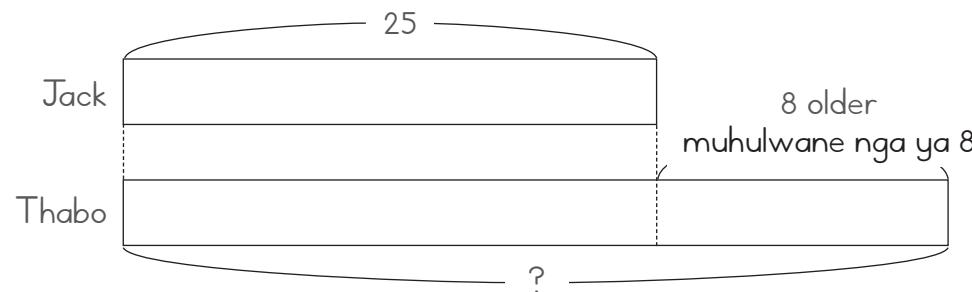
na dza lutombo dza 17.

Thembu u na penisela nngana?

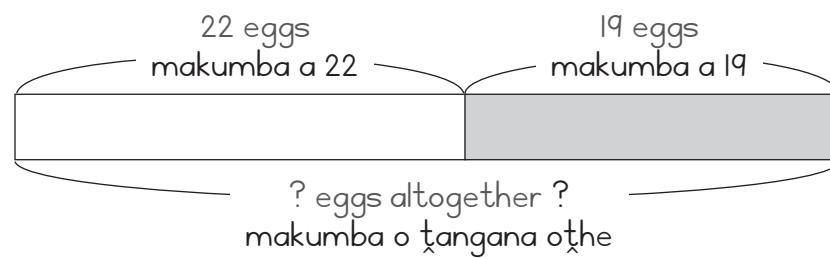


- b** Jack is 25 years old.
 Thabo is 8 years older.
 How old is Thabo?

Jack u na miñwaha ya 25.
 Thabo ndi muhulwane nga miñwaha ya 8.
 Thabo u na miñwaha mingana?



- c** Mbali has 22 eggs.
 Her mom gave her 19 more eggs.
 How many eggs does she have now?
 Mbali u na makumba a 22.
 Mme awe vha mu ñea makumba manwe a 19.
 U na makumba mangana zwino?



Term 2 Lesson II

Themo ya 2 Ngudo ya II

Subtraction with borrowing
Mutuso nga u pamba

CLASSWORK MUSHUMO WA KILASINI

Calculate using a place value table and the column method.

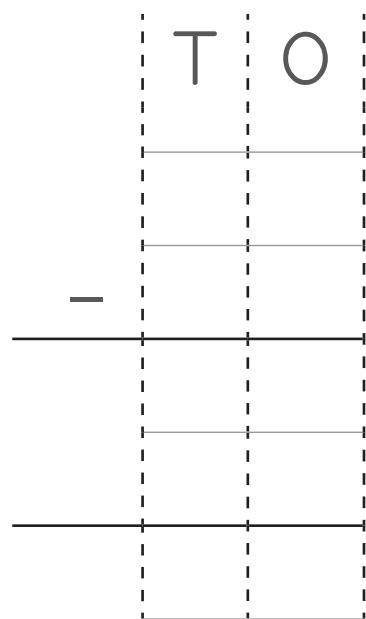
Rekanyani ni tshi shumisa thebulu ya vhuimo ha nomboro na ngona ya kholomo.

a $63 - 26 =$ _____

T	O
-	

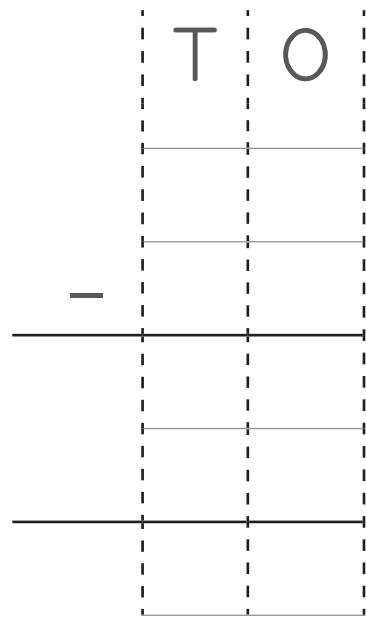
O: _____
T: _____

b $71 - 47 =$ _____



O: _____
T: _____

c $97 - 38 =$ _____



O: _____
T: _____

HOMEWORK TSHUNWAHAYA

Calculate using a place value table and the column method.

Rekanyani ni tshi shumisa thebulu ya vhuimo ha nomboro na ngona ya kholomo.

$$90 - 88 = \underline{\quad}$$

A handwriting practice sheet featuring a dashed vertical line on the left and a dashed vertical line on the right. Inside the left dashed line, there is a large uppercase 'T' at the top and a small horizontal dash below it. To the right of the dashed lines, there is a large lowercase 'o'. To the right of the lowercase 'o', there is a colon followed by a long horizontal line for tracing, labeled 'O:'. Below the lowercase 'o', there is another colon followed by a long horizontal line for tracing, labeled 'T:'.

Term 2 Lesson 12

Themo ya 2 Ngudo ya 12

Practising subtraction with borrowing
Ndowendowe ya mutuso nga u pamba

CLASSWORK MUSHUMO WA KILASINI

Calculate using the column method and check your answer using addition.

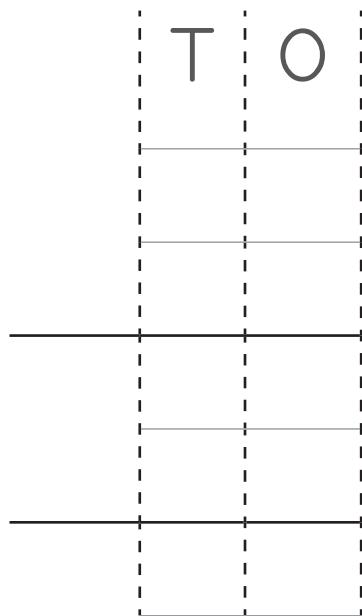
Rekanyani ni tshi shumisa ngona ya kholomo ni tole phindulo yanu ni tshi shumisa mutanganyo.

a $82 - 45 =$ _____

T	O

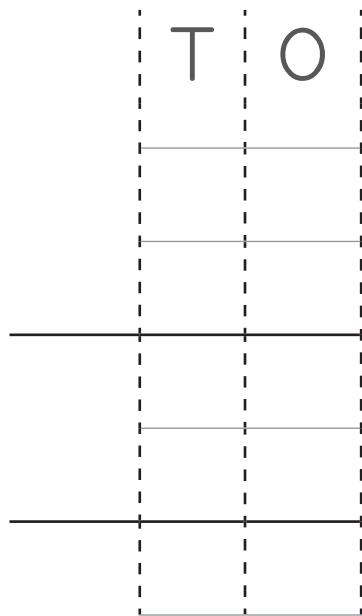
O: _____
T: _____

Check:
Tolani:



O:
T:

b $71 - 27 =$ _____



O:
T:

Check:

Tolani:

T	O
<hr/>	

O:

T:

c $60 - 34 =$ _____

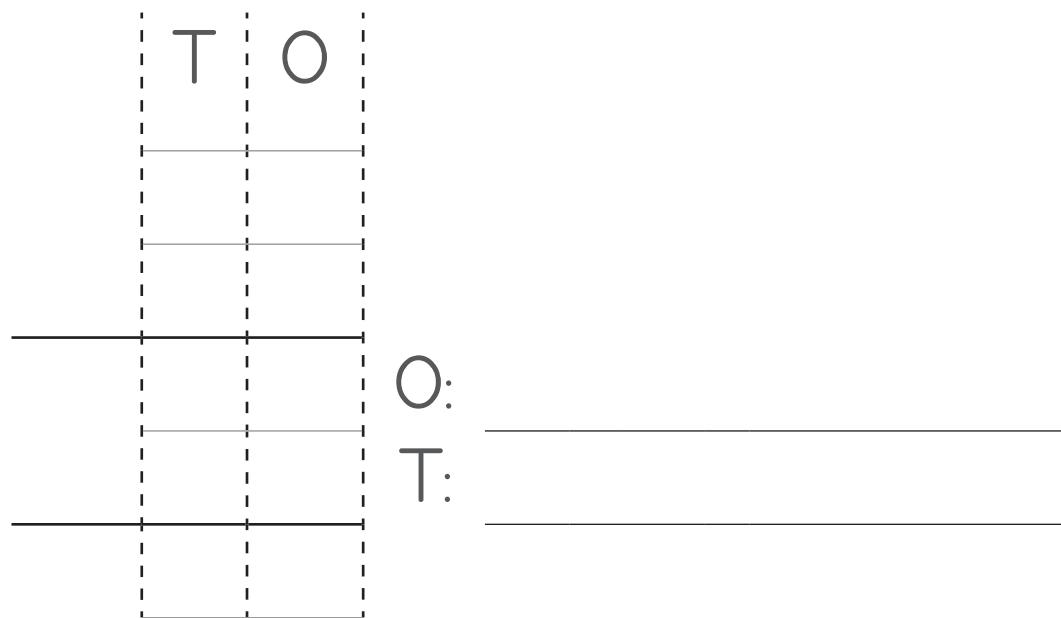
T	O
<hr/>	

O:

T:

Check:

Tolani:



HOMEWORK TSHUNWAHAYA

Calculate using the column method and check your answer using addition.

Rekanyani ni tshi shumisa ngona ya kholomo ni ṭole phindulo yanu ni tshi shumisa muṭanganyo.

a $35 - q =$ _____

A handwriting practice sheet featuring two sets of horizontal lines. The left set is labeled 'T O' and the right set is labeled 'O: T:'. Each set includes a top line, a middle line, and a bottom line, with dashed vertical grid lines aiding in letter height and placement.

Check:

Tolani:

A handwriting practice sheet featuring a vertical dashed line on the left and two horizontal dashed lines across the page. The letters 'T' and 'O' are written in a large, bold font at the top. Below them, the sequence 'O:' and 'T:' is repeated twice. Each row consists of a solid horizontal line above a dashed horizontal line, with a solid horizontal line at the bottom.

$b \quad 90 - 8 =$ _____

A handwriting practice sheet featuring two sets of horizontal lines. The left set is labeled 'T O' and the right set is labeled 'O: T:'. Each set includes a solid top line, a dashed midline, and a solid bottom line.

Check:

Tolani:

A handwriting practice sheet featuring two sets of horizontal lines. The left set is labeled 'T O' and the right set is labeled 'O: T:'. Each set includes a solid top line, a dashed midline, and a solid bottom line. Vertical dashed lines on either side of the sets define columns for each letter.

Term 2 Lesson 13

Themo ya 2 Ngudo ya 13

Subtraction with borrowing on a number line

Mutuso nga u pamba kha mutalombalo

CLASSWORK MUSHUMO WA KILASINI

Solve using a number line.

Tandululani ni tshi shumisa mutalombalo.

1 $30 - 7 =$ _____



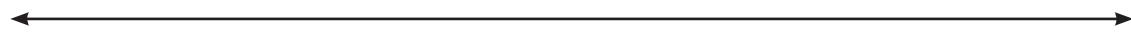
2 $95 - 26 =$ _____



3 $78 - 19 =$ _____



4 $81 - 6 =$ _____



5 $60 - 22 =$ _____



6 $92 - 84 =$ _____



HOMEWORK TSHUNWAHAYA

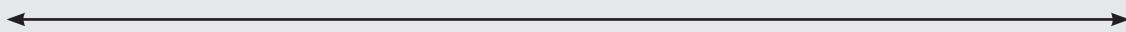
Solve using a number line.

Tandululani ni tshi shumisa mutalombalo.

1 $63 - 26 =$ _____



2 $77 - 47 =$ _____



Term 2 Lesson 14
Themo ya 2 Ngudo ya 14
Assessment
Ulinga

Term 2 Lesson 15

Themo ya 2 Ngudo ya 15

Consolidation

U ḥanganya magudiswa

- 1 Solve $85 - 37 = \underline{\hspace{2cm}}$ using a number line.

Tandululani $85 - 37 = \underline{\hspace{2cm}}$ ni tshi shumisa mutalombalo.



- 2 Solve $81 - 16 = \underline{\hspace{2cm}}$ using the column method.

Tandululani $81 - 16 = \underline{\hspace{2cm}}$ ni tshi shumisa ngona ya kholomo.

T	O

O:

T:

- 3 Use addition to check your answer to $81 - 16 = \underline{\hspace{2cm}}$.

Shumisani mutanganyo ni tshi ḫola phindulo yanu ya $81 - 16 = \underline{\hspace{2cm}}$.

T	O

O:

T:

- 4 Solve $83 - 25 = \underline{\hspace{2cm}}$ using a base ten kit and a place value table.

Saukanyani $83 - 25 = \underline{\hspace{2cm}}$ ni tshi shumisa khithi ya muteomahumi na thebulu ya vhuimo ha nomboro.

T	O

O:

T:

Term 2 Lesson 16

Themo ya 2 Ngudo ya 16

Subtraction with borrowing in context (I)

Mu $\ddot{\text{t}}$ uso nga u pamba kha fhungombalo (I)

CLASSWORK MUSHUMO WA KILASINI

Use the diagrams to solve the problem and check your answer using the column method.

Shumisani nyolo kha u tandulula thaidzo ni kone u $\ddot{\text{x}}$ ola phindulo yanu ni tshi shumisa ngona ya kh $\ddot{\text{o}}$ mo.

I There are 43 apples.

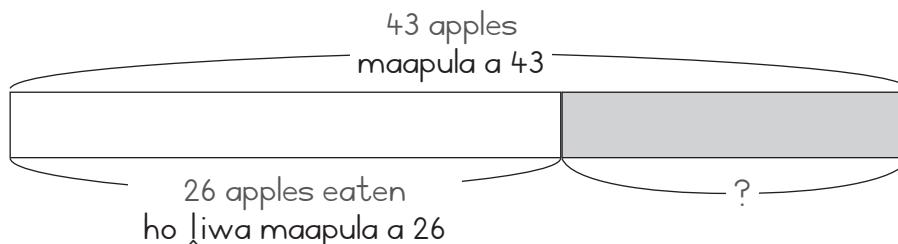
The learners eat 26 apples.

How many apples are left?

Hu na maapula a 43.

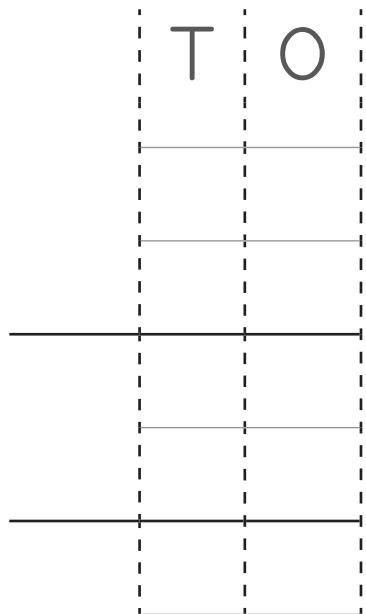
Vhagudi vha $\ddot{\text{I}}$ a maapula a 23.

Ho sala maapula mangana?



Check:

Tolani:



O:

T:

2 I have 52 beads.

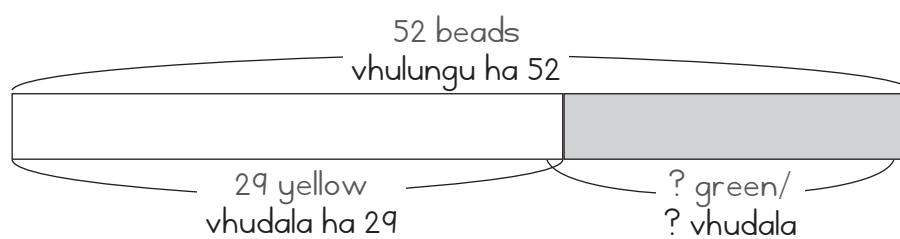
29 are yellow and the rest are green.

How many green beads do I have?

Ndi na vhulungu ha 52.

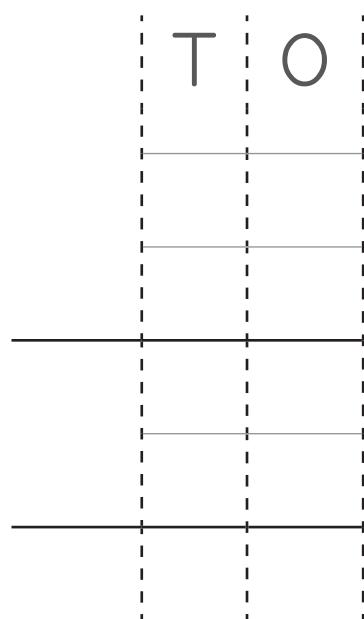
Ha 29 ndi ha mut̄ada ngeno huriwe hot̄he vhu vhudala.

Ndi na vhulungu vhudala vhungana?



Check:

Tolani:



O:

T:

HOMEWORK TSHUNWAHAYA

Use the diagram to solve the problem and check your answer using the column method.

Shumisani nyolo kha u tandulula thaidzo ni kone u ḥola phindulo yanu ni tshi shumisa ngona ya kholumo.

There are 37 bananas.

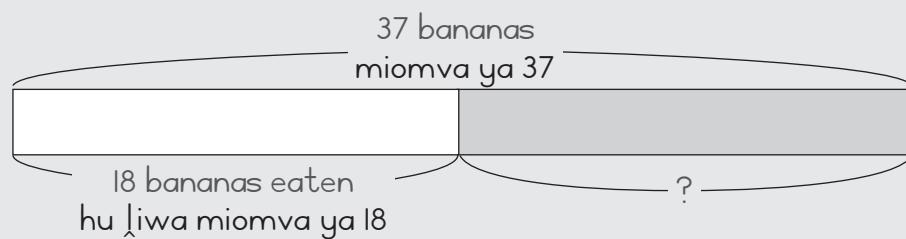
We eat 18 bananas.

How many bananas are left?

Hu na miomva ya 37.

Ri ḥa miomva ya 18.

Ho sala miomva mingana?



Check:

Tolani:

T O	$O:$ $T:$

Term 2 Lesson 17

Themo ya 2 Ngudo ya 17

Subtraction with borrowing in context (2)

Mutuso nga u pamba kha fhungombalo (2)

CLASSWORK MUSHUMO WA KILASINI

Calculate using the column method.

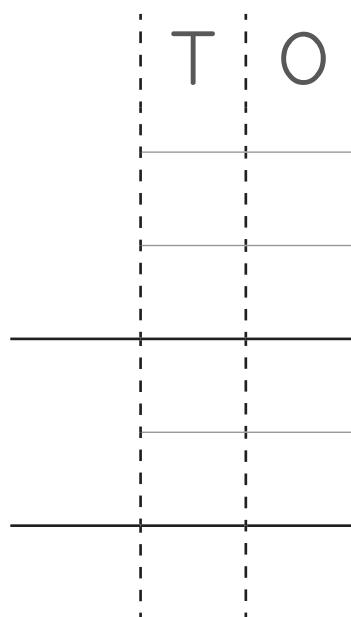
Rekanyani ni tshi shumisa ngona ya kholumo.

a $74 - 56 =$ _____

T	O

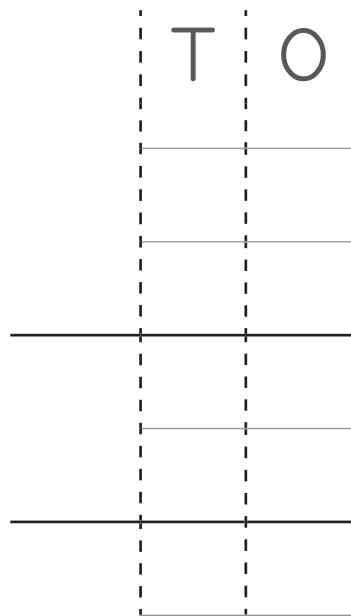
O: _____
T: _____

b $65 - 46 =$ _____



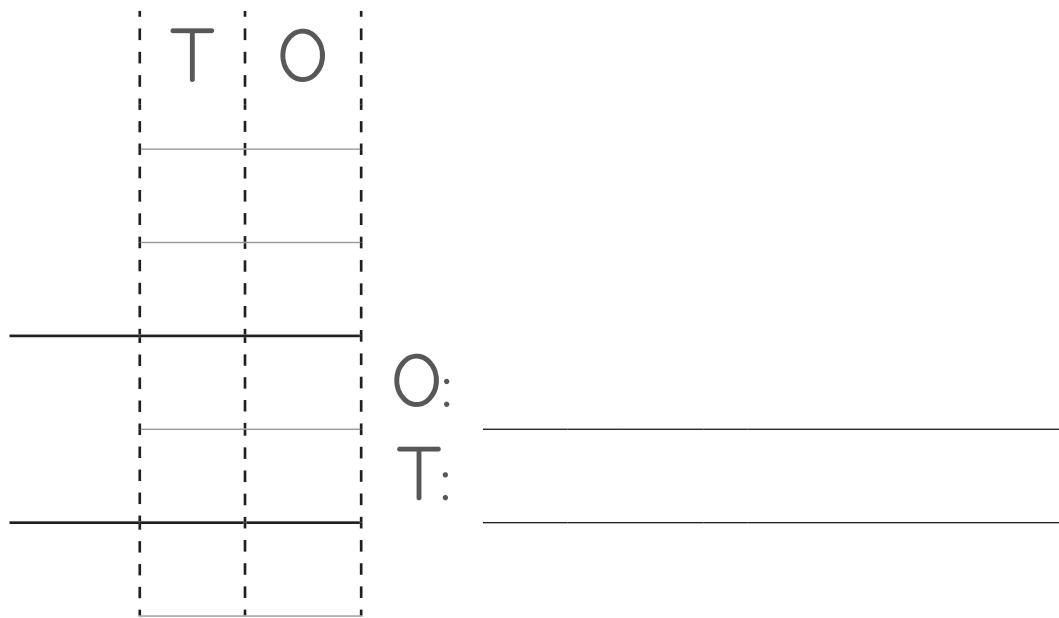
O: _____
T: _____

c $87 - 78 =$ _____

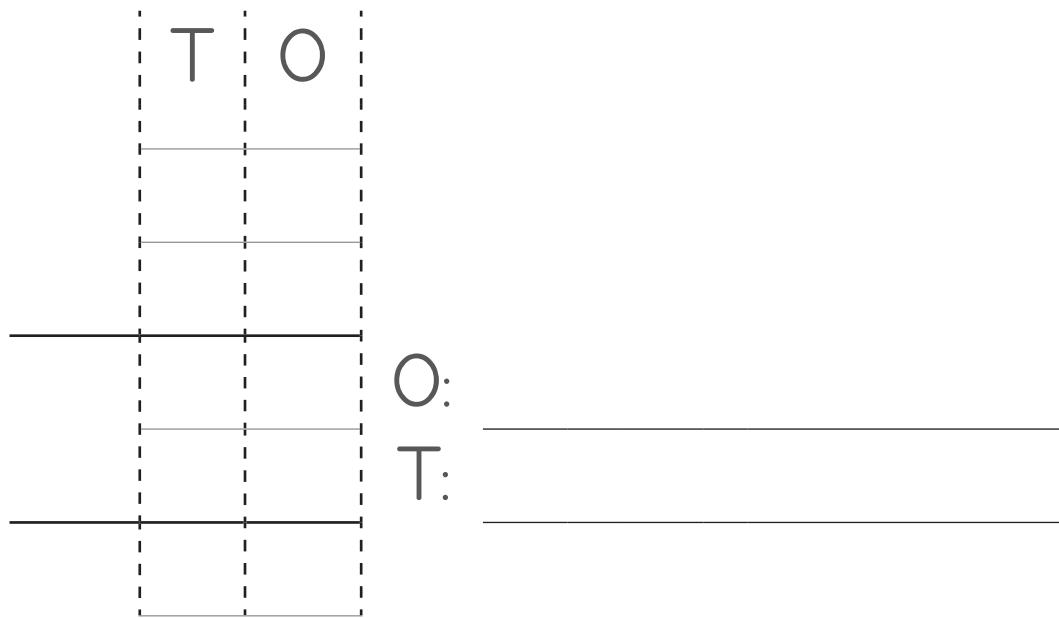


O: _____
T: _____

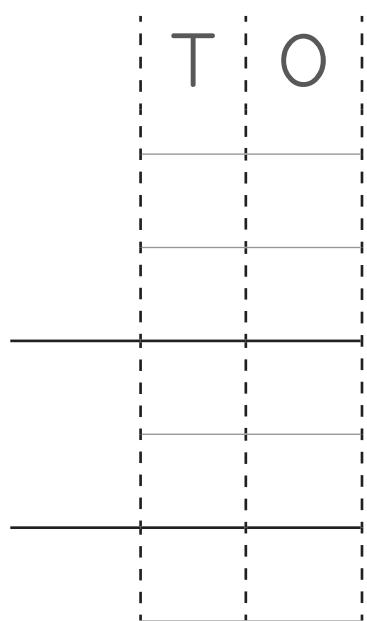
d $48 - 39 =$ _____



e $35 - 16 =$ _____



f $61 - 34 =$ _____



O:

T:

O: _____

T: _____

HOMEWORK TSHUÑWAHAYA

Calculate using the column method.

Rekanyani ni tshi shumisa ngona ya kho^lomo.

a $96 - 27 =$ _____

A handwriting practice sheet featuring two sets of horizontal lines for each letter. The first set of lines is aligned with the uppercase 'T' and the second with the lowercase 'o'. The second set of lines is aligned with the uppercase 'O' and the lowercase 't'.

$$\mathbf{b} \quad 60 - 2| =$$

A handwriting practice sheet featuring the letters 'T' and 'O'. On the left, the word 'TO' is written vertically between two vertical dashed lines. The letter 'T' has a vertical stem and a diagonal crossbar. The letter 'O' is a simple circle. To the right of this example, there are four sets of horizontal lines for independent practice. Each set consists of a solid top line, a dashed midline, and a solid bottom line. On the far right, the letters 'O:' and 'T:' are printed vertically, each followed by a blank set of three lines for practice.

Term 2 Lesson 18

Themo ya 2 Ngudo ya 18

Making subtraction number sentences
U vhumba mafhungombalo a mutuso

CLASSWORK MUSHUMO WA KILASINI

Use the column method to check these answers. Mark each one with a tick or a cross.

Shumisani ngona ya kholomo kha u t̄ola phindulo idzi. Swayani iñwe na iñwe yadzo nga thikhi kana tshifhambano.

1 $84 - 15 = 72$

T	O
7	1
8	4
-	
1	5
	9
6	0
6	9

O: $14 - 5 = 9$
T: $70 - 10 = 60$

2 $56 - 19 = 33$

T	O
4	1
5	6
-	
1	9
	7
3	0
3	7

O: $16 - 9 = 7$
T: $40 - 10 = 30$

3 $34 - 18 = 26$

T	O
2	1
3	4
-	
1	8
	6
1	0
1	6

O: $14 - 8 = 6$
T: $20 - 10 = 10$

4 $61 - 7 = 54$

T	O
5	1
6	1
-	
1	7
	4
5	0
5	4

O: $11 - 7 = 4$
T: $50 - 0 = 50$

HOMEWORK TSHUNWAHAYA

Use the column method to check this answer. Mark it with a tick or a cross.

Shumisani ngona ya kholomo kha u t̄ola phindulo iyi. I swayeni nga thikhi kana nga tshifhambano.

$$40 - 3 = 37$$

T	O
3	1
4	0
-	3
7	O: $10 - 3 = 7$
3	T: $30 - 0 = 30$
3	
7	

Term 2 Lesson 19

Themo ya 2 Ngudo ya 19

Consolidation of addition and subtraction

U ḥanganya magudiswa a muḥanganyo na muḥuso

CLASSWORK MUSHUMO WA KILASINI

Check these answers. Mark each one with a tick or a cross.

Tolani phindulo iyi. Swayani iñwe na iñwe yadzo nga thikhi kana tshifhambano.

a $36 + 27 = 62$

T	O
3	6
+	2
—	7
1	3
5	0
6	3

O: $6 + 7 = 13$
T: $30 + 20 = 50$

b $55 + 29 = 84$

T	O
5	5
+	2
—	9
1	4
7	0
8	4

O: $5 + 9 = 14$
T: $50 + 20 = 70$

c $54 + 37 = 91$

T	O
5	4
+	3
—	7
1	1
8	0
9	1

O: $4 + 7 = 11$
T: $50 + 30 = 80$

T	O
4	1
5	6
-	1
—	7
1	7
3	0
3	9

O: $16 - 7 = 9$
T: $40 - 10 = 30$

d $56 - 17 = 39$

e $46 - 28 = 18$

T	O
3	1
4	6
-	2
—	8
1	0
1	8

O: $16 - 8 = 8$
T: $30 - 20 = 10$

f $68 - 19 = 49$

T	O
5	1
6	8
-	1
—	9
4	0
4	9

O: $18 - 9 = 9$
T: $50 - 10 = 40$

HOMEWORK TSHUNWAHAYA

Check this answer. Mark it with a tick or a cross.

Tolani phindulo iyi. I swayeni nga thikhi kana tshifhambano.

| $73 - 25 = 48$

T	O
6	1
7	3
-	
2	5
	8
4	0
4	8

O: $13 - 5 = 8$
T: $60 - 20 = 40$

Term 2 Lesson 20

Themo ya 2 Ngudo ya 20

Consolidation

U ḥanganya magudiswa

Solve the following. Write a number sentence and use the bar diagram to show your answer.

Tandululani zwi tevhelaho. Nwalani fhungombalo na u shumisa tshatidungo kha u sumedza phindulo yanu.

I There were 26 children in the park.

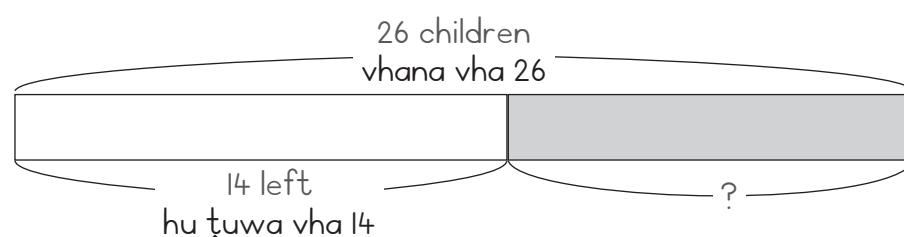
14 children left the park.

How many children are left?

Phakhani ho vha hu na vhana vha 26.

Vha 14 vha ḥuwa.

Ho sala vhana vhangana?



2 Nomsa has 27 oranges.

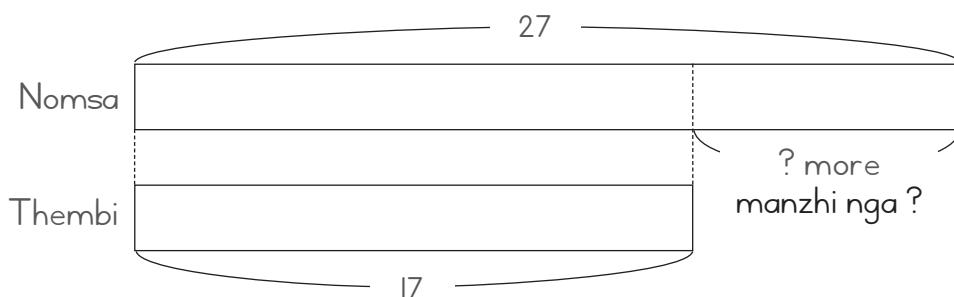
Thembu has 17 oranges.

How many more oranges does Nomsa have than Thembu?

Nomsa u na maswiri a 28.

Thembu u na maswiri a 17.

Maswiri aye Nomsa a vha nao ndi manzhi kha a Thembu nga mangana?



3 Fill in the missing numbers to show $63 - 27 = \underline{\hspace{2cm}}$

Nwalani nomboro dzi no khou t̄ahela ni tshi sumbedza $63 - 27 = \underline{\hspace{2cm}}$

T	O
5	1
—	3
2	
—	6
3	0
—	3
3	6

$$\begin{array}{r} O: 13 - \underline{\hspace{2cm}} = 6 \\ T: \underline{\hspace{2cm}} - 20 = 30 \end{array}$$

- 4 Check this answer. Mark it with a tick or a cross.

Tolani phindulo iyi. I swayeni nga thikhi kana tshifhambo.

$$58 - 29 = 39$$

T	O
4	1
5	8
-	
2	9
	9
2	0
2	9

O: $18 - 9 = 9$
T: $40 - 20 = 20$

Term 2 Lesson 2I

Themo ya 2 Ngudo ya 2I

Assessment

U linga

Term 2 Lesson 22

Themo ya 2 Ngudo ya 22

Word problems using bar diagrams

Mbalo dza maipfi hu tshi shumiswa tshatidungo

CLASSWORK MUSHUMO WA KILASINI

Draw circles and diagrams to help you solve these problems. Write a number sentence with the answer.

Olani zwitendeledzi na nyolo zwi ni thuse kha u tandulula thaidzo idzi. Nwalani fhungombalo li na phindulo yanu.

a I have 5 oranges.

My sister gives me 3 oranges.

How many oranges do I have altogether?

Ndi na maswiti a 5.

Khaladzi anga a mpha maswiri a 3.

Ndi na maswiri mangana o ḫangana o ḫthe?

b There were 6 boys in a classroom.

There are 3 more girls than boys.

How many girls are there?

Hu na vhatukana vha 6 ki_lasini.

Vhasidzana ndi vhanzhi kha vhatukana nga vha 3.

Hu na vhasidzana vhangana?

HOMWORK TSHUNWAHAYA

Draw circles and a bar diagram to represent this problem.

Olani zwitendeledzi na tshatidungo kha u sumbedza thaidzo (mbalo) iyi.

I have 6 pencils.

My mom buys me 2 more.

How many pencils do I have altogether?

Ndi na penisela dza 6.

Mme anga vha renga dziñwe dza 2.

Ndi na penisela nngana dzo ḥangana dzot̄he?

Term 2 Lesson 23

Themo ya 2 Ngudo ya 23

Practising bar diagrams
Ndowendowe ya tshatidungo

CLASSWORK MUSHUMO WA KILASINI

Draw circles and diagrams to help you solve these problems. Write a number sentence with the answer.

Olani zwitendeledzi na nyolo zwi ni thuse kha u tandulula thaidzo idzi. Nwalani fhungombalo $\frac{1}{2}$ na phindulo yanu.

I There are 11 trees in the garden.

6 of them are avocado trees and the others are pawpaw trees.

How many pawpaw trees are there?

Hu na miri ya 11 ngadeni.

Ya 6 khayo ndi miri ya miafukhada ngeno iyi minwe i mipapawe.

Hu na miri mingana ya mipapawe?

2 There are 13 oranges and
7 apples.

How many more oranges are there than apples?

Hu na maswiri a 13

na maapula a 7.

Hu na maswiri manzhi kha maapula nga mangana?

HOMEWORK TSHUNWAHAYA

Draw circles and a bar diagram to represent the problem.

Olani zwitendeledzi na tshatidungo kha u sumbedza thaidzo (mbalo) iyi.

There are 7 children in a playground.

3 of them are boys.

How many girls are there?

Luvhandeni lwa u tambela hu na vhana vha 7.

Vha 3 vhavho ndi vhatukana.

Hu na vhasidzana vhangana?

Term 2 Lesson 24

Themo ya 2 Ngudo ya 24

Solving word problems using bar diagrams (I)
U shuma mbalo hu tshi shumiswa tshatidungo (I)

CLASSWORK MUSHUMO WA KILASINI

Draw a bar diagram. Then, write a number sentence and the answer.

Olani tshatidungo. Zwino nwalani fhungombalo na phindulo ya hone.

a I have 5 mangoes.

My brother gives me 3 more mangoes.

How many mangoes do I have altogether?

Ndi na manngo a 5.

Khaladzi anga a mpha manwe a 3.

Ndi na manngo mangana o ḫangana o ḫthe?

b There are children in the classroom.

4 of them are Grade 1s and

8 are Grade 2s.

How many children are there altogether?

Hu na vhana ki_lasini.

Vha 4 vhavho ndi vha Gireidi ya 1

ngeno vha 8 vhe vha Gireidi ya 2.

Hu na vhana vhanganana vho ḥangana vhothe?

HOMWORK TSHUNWAHAYA

Draw a bar diagram to represent the problem.

Olani tshatidungo ni tshi sumbedza mbalo (thaidzo).

There are biscuits in a container.

8 of them are choc chip and

6 of them are almond.

How many biscuits are there in the container?

Hu na mabisikitsi kha tshifaredzi.

A 8 ao ndi choc chip ngeno

a 6 ao e a almond.

Hu na mabisikitsi mangana kha tshifaredzi.

Term 2 Lesson 25

Themo ya 2 Ngudo ya 25

Consolidation

U ḥanganya magudiswa

Draw a bar diagram. Then write the number sentence and solve it.

Olani nyolo. Zwino ካwalani fhungombalo ni tandulule thaidzo.

I I have 5 apples.

My friend has 3 more apples than I have.

How many apples does she have?

Ndi na maapula a 5.

Khonani yanga u na manzhi nga a 3 kha anga.

U na maapula mangana?

2 There are 12 children on the playground.

6 of them leave.

How many children remain?

Hu na vhana vha 12 luvhandeni lwa u tambela.

Vha 6 vhavho vha a t̄uwa.

Ho sala vhana vhanganā?

Term 2 Lesson 26

Themo ya 2 Ngudo ya 26

Solving word problems using bar diagrams (2)

U shuma mbalo hu tshi shumiswa tshatidungo (2)

CLASSWORK MUSHUMO WA KILASINI

Draw a bar diagram. Then, write a number sentence and answer.

Olani tshatidungo. Zwino nwalani fhungombalo na phindulo.

- a There were 8 cows in the field.

Some more cows came to the field and joined them.

Now there are 15 cows. How many cows joined them?

Hu na kholomo dza 8 mafuloni.

Dziñwe hafhu kholomo dza ãa dza dzhena dziñweni.

Zwino ho no vha na kholomo dza 15.

Ndi kholomo nngana dze dza dzhena dziñweni?

b There are 42 animals in the farm yard.

24 are cows and

the others are goats.

How many goats are there?

Hu na zwifuwo zwa 42 bulasini.

Zwa 24 ndi kholomo ngeno izwi zwiñwe hu mbudzi.

Hu na mbudzi nngana?

HOMEWORK TSHUNWAHAYA

Draw a bar diagram to represent the problem.

Olani tshatidungo ni tshi sumbedza mbalo (thaidzo).

There were 9 children in the bus.

Some more children came and got on.

Now there are 17 children.

How many children came?

Bisini hu na vhana vha 9.

Vhariwe vhana hafhu vha namela.

Zwino hu na vhana vha 17.

Ndi vhana vhanganana vhe vha tevhela?

Term 2 Lesson 27

Themo ya 2 Ngudo ya 27

Find the original number using subtraction

Wanani nomboro ya u rangani ni tshi shumisa mučuso

CLASSWORK MUSHUMO WA KILASINI

Draw a bar diagram. Then, write a number sentence and the answer.

Olani tshatidungo. Zwino የውልና ቅሁጻቦሎ እና ቁሳልዎች አለበት.

- a Busi had some crayons.

After her cousin gives her 5 more crayons

she has 13 crayons.

How many crayons did she have in the beginning?

Busi ማኅበ ነው ክሸያኖን.

Musi muzwala wawe ማኅበ ፍላጊ ደንብ ክሸያኖን ደንብ 5,

ማለት የውልና ቅሁጻቦሎ ነው ክሸያኖን ደንብ 13.

የውልና ቅሁጻቦሎ ነው ንግኑን በትክክል/አዲስ የውልና ቅሁጻቦሎ ነው?

b There were some taxis in a taxi rank.

14 taxis came and

there are 43 taxis now.

How many taxis were there in the beginning?

Renngeni ya thekhisi hu na thekhisi.

Ha mbo swika thekhisi dza 14 lune zwino ha vha na thekhisi dza 43.

Ho vha hu na thekhisi nngana u thomani?

HOMWORK TSHUNWAHAYA

Draw a bar diagram. Then, write a number sentence and the answer.

Olani tshatidungo. Zwino nwalani fhungombalo na phindulo ya hone.

A group of children is playing together.

If 6 more children join them

there will be 17 children.

How many children were there at the beginning?

Vhana vha khou tamba vhe kha tshigwada.

Arali vha 6 vha swika vha dzhena khavho hu vho do vha na vhana vha 17.

Ho vha hu na vhana vhangana u thomani?

Term 2 Lesson 28

Themo ya 2 Ngudo ya 28

Find the original number using addition

Wanani nomboro ya u rangani ni tshi shumisa
mutanganyo

CLASSWORK MUSHUMO WA KILASINI

Draw a bar diagram. Then, write a number sentence and answer.

Olani tshatidungo. Zwino የውልና ቅሁጻቦሎ ነው.

a You had some sweets.

After you ate 6 sweets,

you have 14 sweets left.

How many sweets did you have to begin with?

No vha ni na malegere.

Musi no no እንደገረ አ 6,

no salelwa እንደገረ አ 14.

No vha ni na malegere mangana u thomani?

- b There were some children in a park.

After 18 children left,

29 children remained.

How many children were there in the park at the beginning?

Phakhani ho vha hu na vhana.

Musi vhana vha 18 vho no ḫuwa,

ha vho sala vhana vha 29.

Ho vha hu na vhana vhangana phakhani u thomani?

HOMEWORK TSHUNWAHAYA

Draw a bar diagram. Then, write number a sentence and the answer.

Olani tshatidungo. Zwino nwalani fhungombalo na phindulo ya hone.

Norma picked some flowers.

4 of the flowers died.

13 flowers are still fine.

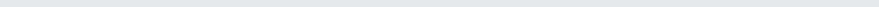
How many flowers did Norma have in the beginning?

Norma o ka maluvha.

Maluvha a 4 o puta.

Maluvha a 13 a tshee avhuđi.

Norma o vha e na maluvha mangana u thomani?



Term 2 Lesson 29

Themo ya 2 Ngudo ya 29

Assessment

U linga

Term 2 Lesson 30

Themo ya 2 Ngudo ya 30

Consolidation

U ḥanganya magudiswa

Draw a bar diagram. Then, write the number sentence and the answer.

Olani tshatidungo. Zwino የውልን ቅሁጻቦሎ ነው.

I My aunt is 19 years old.

Her brother is 8 years younger than her.

How old is her brother?

Mmane wanga u na miñwaha ya 19.

Khaladzi awe ndi muጀuku khae nga miñwaha ya 8.

Khaladzi awe u na miñwaha mingana?

2 A company has some trucks.

If it buys 6 more trucks

it will have 18 trucks.

How many trucks did it have in the beginning?

Khamphani i na mat̄iraka.

Arali ya nga renga mariwe mat̄iraka a 6

i do vha yo no vha na mat̄iraka a 18.

Yo vha i na mat̄iraka mangana u thomani?

3 You have some bananas.

After you ate 3 bananas

you have 8 bananas left.

How many bananas did you have to begin with?

Ni na miomva.

Musi no no \backslash a miomva ya 3

no salelwa nga miomva ya 8.

No thoma ni na miomva mingana?

Term 2 Lesson 3I

Themo ya 2 Ngudo ya 3I

Capacity using non-standard units

Khaphasithi (n̊dadzo) hu tshi shumiswa yunithi dzi si dza tshit̊andadi

CLASSWORK MUSHUMO WA KILASINI

- 1 How many cups of sand do you think will fill up a 2 ℥ bottle?

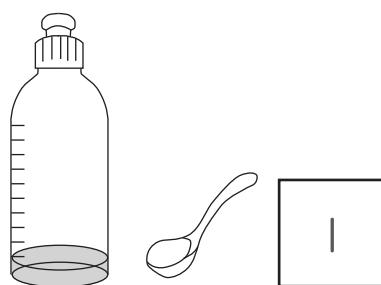
Ndi khaphu nngana dza muṭavha dzine na vhona dzi tshi nga ḡadza bođelo ḥa 2 ℥?

- 2 Fill a 2 ℥ bottle with sand and compare your estimation with the answer.

Ḏadzani bođelo ḥa 2 ℥ nga muṭavha ni vhambedze nyanganyelo yaṇu na phindulo yaṇu

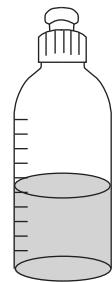
- 3 Draw this bottle in your book.

Olani bođelo iļi buguni yaṇu.

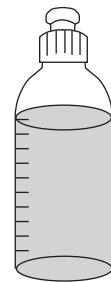


Now draw the following and write how many spoonfuls of water were used:
 Zwino olani zwi tevhelaho ni nwale uri ho shumiswa lebula dzo dalaho
 nngana dza madī:

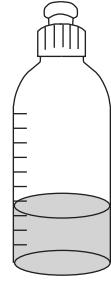
a



b



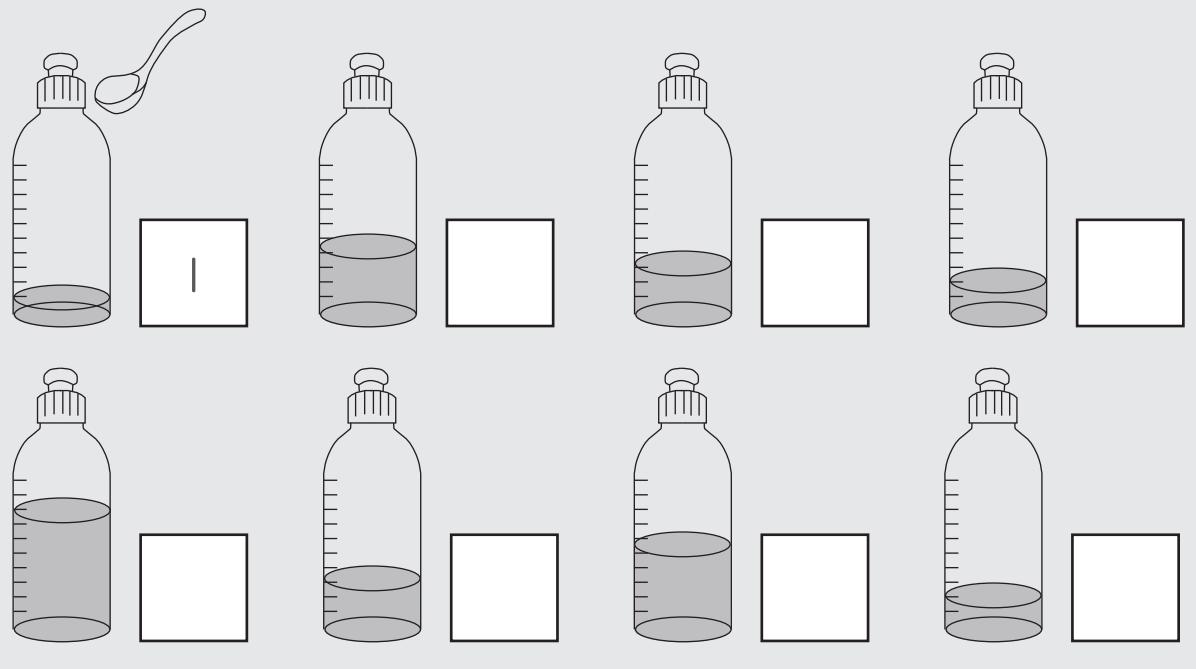
c



HOMEWORK TSHUNWAHAYA

How many spoons of water/sand are there in each bottle? The first one has one spoon.

Bodeloni liwe na linwe hu na lebula nngana dza madī/muṭavha? Bodelo la u thoma li na lebula nthihi.



Term 2 Lesson 32

Themo ya 2 Ngudo ya 32

The standard unit of capacity

Yunithi dzi si dza tshitandadi dza khaphasithi (ndadzo)

CLASSWORK MUSHUMO WA KILASINI

- 1 How do we write litre in short?

Ri nwalisa hani litha nga u tou pfufhifhadza? _____

- 2 Use the same containers as for the class activity. Put them in order from the container that holds the most to the container that holds the least.

Shumisani zwifaredzi (midzio) zwi no fana na zwa nyito ya kila^{sini}. Zwi vhekanyeni zwi tshi thoma kha tshifaredzi tshi no fara zwinzhisesa u ya kha tshi no fara zwitukusesa.

- 3 Draw the following objects:

Olani zwithu zwi tevhelaho:

- a Containers that hold less than 1 litre.

Zwifaredzi (midzio) zwi no fara zwituku kha 1 litha.

b Containers that hold 1 litre.

Zwifaredzi zwi no fara 1 litre .

c Containers that hold more than 1 litre.

Zwifaredzi (midzio) zwi no fara zwinzhi kha 1 litre .

- 4 Mom buys 2 litres of milk. There are 3 people in our family. Each of them drinks 1 litre of milk for breakfast every day. Did Mom buy enough milk?

Mma vha renga 2 litre dza mafhi. Hu na vhathu vha 3 afha mu $\ddot{\text{d}}$ ini. Mu $\ddot{\text{d}}$ we na mu $\ddot{\text{d}}$ we wavho u nwa 1 litre ya mafhi nga vhuragane $\ddot{\text{d}}$ uvha $\ddot{\text{d}}$ inwe na $\ddot{\text{d}}$ inwe.
Mma vho renga mafhi o linganaho?

HOMEWORK TSHUNWAHAYA

- 1 Draw 3 containers and label them as follows: holds less than 1 litre, holds 1 litre, and holds more than one litre.

Olani zwifaredzi zwa 3 ni zwi lebu^{le} (nwale) nga hei ndila: tshi fara zwituku kha 1 litha, tshi fara 1 litha, tshi fara zwinzhi kha 1 litha.

- 2 Draw pictures of three items from your kitchen cupboard or fridge and say if it holds more or less or exactly 1 litre.

Olani zwifanyiso zwa zwithu zwiraru zwi re khabodoni kana firidzhini khishini ya hanu ni bule uri tshi fara zwinzhi kana zwituku kha 1 litha kana zwi no edana 1 litha kwakwakwa.

- 3 You have invited 7 friends to your house. Would you buy 1 litre of juice for them to drink and why?

No ramba khonani dza^{nu} dza 7 uri dzi de mudini wa hanu. Ni nga vha rengela dzhusi ya 1 litha nahone ngani?

Term 2 Lesson 33

Themo ya 2 Ngudo ya 33

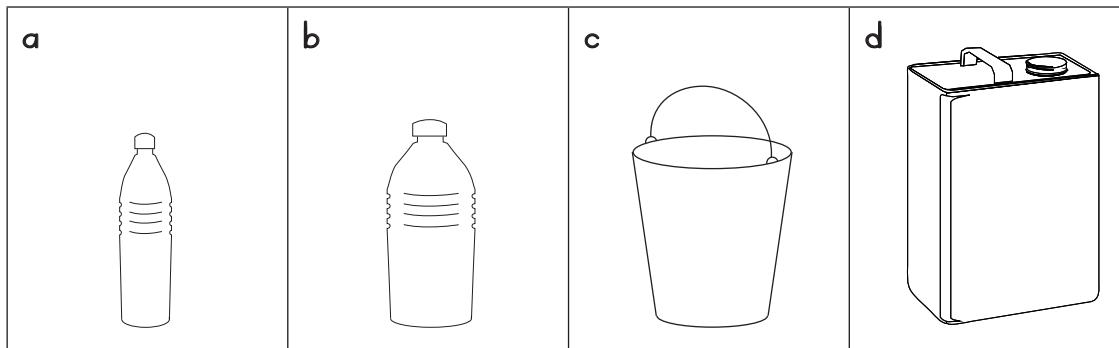
Capacity: addition and subtraction problems

Khaphasithi (n̄dadzo): mbalo dza mučanganyo na mučuso

CLASSWORK MUSHUMO WA KILASINI

- Estimate about how much water each container can hold.

Anganyelani uri tshifaredzi tshinwe na tshinwe tshi nga fara magi mangafhani.



- Draw five containers with different capacities. Write the capacity of each container under the picture.

Olani zwifaredzi zwičanu zwi re na khaphasithi/n̄dadzo dzo fhambanaho.
Nwalani khaphasithi ya tshifaredzi tshinwe na tshinwe nga fhasi hatsho.

- 3 Mom buys 2 litres of milk and Dad buys another 5 litres. How many litres altogether?

Mma vha renga 2 litha dza mafhi ngeno Baba vho renga manwe hafhu a 5 litha . Ndi litha nngana dzo $\ddot{\text{t}}$ angana dzothé?

- 4 Jabu buys two litres of coke and Vusi buys 1 litre of coke. How many litres of coke do they have together?

Jabu u renga litha mbili dza Coke ngeno Vusi o renga Coke ya 1 litha . Vha na litha nngana dza Coke musi dzo $\ddot{\text{t}}$ angana dzothé?

HOMWORK TSHU $\ddot{\text{N}}$ WAHAYA

- 1 Write the following amounts from the least to the most and draw pictures of the containers: 2 litres, 5 litres, 4 litres, 1 litre, and 3 litres.

Nwalani zwivhalo zwi tevhelaho zwi tshi thoma kha zwitukusesa u ya kha zwinzhisesa ni ole zwifanyiso zwa zwifaredzi: 2 litha , 5 litha , 4 litha , 1 litha , na 3 litha .

- 2 Mavuso buys 1 litre of custard and Dad buys another 2 litres. How many litres altogether?

Mavuso o renga 1 litha ya khasitadi ngeno Baba vho renga dzinwe litha dza 2. Hu na litha nngana dzo $\ddot{\text{t}}$ angana dzothé?

Term 2 Lesson 34

Themo ya 2 Ngudo ya 34

Working with capacity U shuma na khaphasithi (ndadzo)

CLASSWORK MUSHUMO WA KILASINI

- 1 Write the litre measurements from smallest to biggest: 1 ℓ, 5 ℓ, 3 ℓ, 10 ℓ and 2 ℓ.

Ńwalani mielo ya l̄itha ni tshi thoma kha ḥukhusesa ni tshi ya kha khulwanesesa: 1 ℓ, 5 ℓ, 3 ℓ, 10 ℓ na 2 ℓ.

- 2 Underline the container that would hold the most water:

Talelani tshifaredzi tshine tsha nga fara mađi manzhisesa:

- a Swimming pool/Bambelo
- b Bath/Bafu
- c Bucket/Bakete

- 3 Underline the container that would hold the least water:

Talelani tshifaredzi tshine tsha nga fara mađi mułukusesa:

- a Bucket/Bakete
- b Cup/Khaphu
- c Teaspoon/Kulebula

- 4 Estimate how many litres are needed to fill:

Anganyelani uri hu ḥodea l̄itha nngana kha u ḥadza:

- a A sink/zinki? _____

- b A bath/bafu? _____

- c A bucket/bakete? _____
- 5 Jabu has collected 3 ℥ of water from the tap. His mother asked him to collect 10 ℥. How many more litres must he collect?
Jabu o ḥekedzela 3 ℥ ya mađi bommbini. Mme awe vha ri a ḥekedzele 10 ℥.
U tea uri a engedze nga džinwe ḥitha nnga?

HOMEWORK TSHUNWAHAYA

Draw and label 5 objects that can hold more water than your water bottle.
Olani na u ḥebula zwithu zwa 5 zwine zwa fara mađi manzhi u fhira bogelo ḥanu
la mađi?

Term 2 Lesson 35

Themo ya 2 Ngudo ya 35

Consolidation

U ḥanganya magudiswa

- 1 Circle the container that will hold less water.

Tangedzelani tshifaredzi tshine tsha nga fara madi matuku.



- 2 Draw the following objects:

Olani zwithu zwi tevhelaho:

- a A container that holds 1 litre.

Tshifaredzi tshi no fara 1 litha.

- b A container that holds more than 1 litre.

Tshifaredzi tshi no fara zwi no fhira 1 litha.

- 3 Gogo buys 1 litre of milk and Dad buys another 4 litres. How many litres altogether?

Gugu vha renga 1 litha ya mafhi ngeno Baba vha tshi renga maniwe hafhu a 4 litha. Ndi litha nngana dzo tangana dzothé?

- 4 Can you estimate how many litres are needed to fill:

Ni nga anganyela uri hu tödea litha nngana kha u dadza:

a A bucket/bakete? _____

b A sink/zinki? _____

- 5 Musi buys two litres of Fanta and Vusi buys another 2 litres of Fanta. How many litres of Fanta do they have together?

Musi u renga litha mbili dza Fanta ngeno Vusi o renga dziñwe litha dza 2 dza Fanta. Vha na litha nngana dza Fanta musi dzo tangana dzothé?

Term 2 Lesson 36

Themo ya 2 Ngudo ya 36

Assessment

U linga

Term 2 Lesson 37

Themo ya 2 Ngudo ya 37

Standard units of mass

Yunithi dza tshitandadi dza vhuleme

CLASSWORK MUSHUMO WA KILASINI

- I Draw the following products with a different mass:

Olani zwibveledzwa zwi tevhelaho zwi re na zwileme zwo fhambanaho:

a 2 kg rice, 5 kg potatoes, 10 kg mealie meal, 1 kg sugar.

2 kg ya raisi, 5 kg ya madabula, 1 kg ya mugayo/vhukhopfu, 1 kg ya swigiri.

- b Write down the mass of each product.

Nwalani tshileme tsha tshibveledzwa tshinwe na tshinwe.

- 2 Use the pictures from Question I to complete the following:

Shumisani zwifanyiso zwi re kha Mbudziso ya 1 kha u fhedzisa zwi tevhelaho:

a Mom bought mealie meal and rice. What is the total mass of her products?

Mma vho renga mugayo/vhukhopfu na raisi. Tshilemeguče tsha zwibveledzwa izwo ndi tshifhio?

- b I bought some rice, sugar and potatoes. What is the total mass of my products?

Ndo renga raisi, swigiri na madabula. Tshilemegu $\ddot{\text{e}}$ tsha zwibveledzwa zwanga ndi tshifhio?

- c Dad bought sugar and mealie meal. What is the total mass of his products?

Baba vho renga swigiri na mugayo/vhukhopfu. Tshilemegu $\ddot{\text{e}}$ tsha zwibveledzwa zwawe ndi tshifhio?

- d My sister bought mealie meal, sugar and rice. What is the total mass of her products?

Khaladzi/mukomana wanga o renga mugayo, swigiri na raisi. Tshilemegu $\ddot{\text{e}}$ tsha zwibveledzwa zwawe ndi tshifhio?

HOMEWORK TSHUNWAHAYA

- I Find and draw 3 products with a different mass in your kitchen at home, e.g. flour, sugar, mealie meal. Write the mass next to the picture.

Wanani ni ole zwibveledzwa zwa 3 zwa zwileme zwe fhambanaho khishini ya hanu, tsumbo, fulauru, swigiri, mugayo/vhukhopfu. Nwalani tshileme tsini na tshifanyiso.

2 Complete these sentences, using the products from your kitchen.

Fhedzisani mafhungo aya ni tshi shumisa zwibveledzwa zwi re khishini ya hanu.

a Mom bought _____ and _____.

Mma vho renga _____ na _____.

The total mass is _____ kg.

Tshivhalogute ndi _____ kg.

b Dad bought _____ and _____.

Baba vho renga _____ na _____.

The total mass is _____.

Tshivhalogute ndi _____ kg.

c I bought _____, _____ and _____.

Ndo renga _____, _____ na _____.

The total mass is _____ kg.

Tshivhalogute ndi _____ kg.

Term 2 Lesson 38

Themo ya 2 Ngudo ya 38

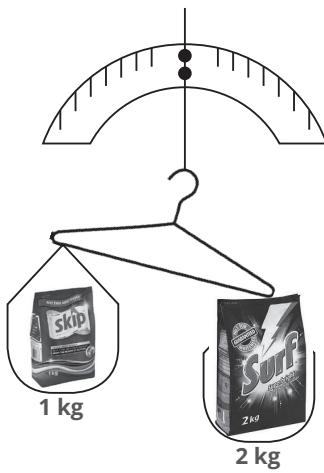
Estimation of mass

Nyanganyelo ya tshileme

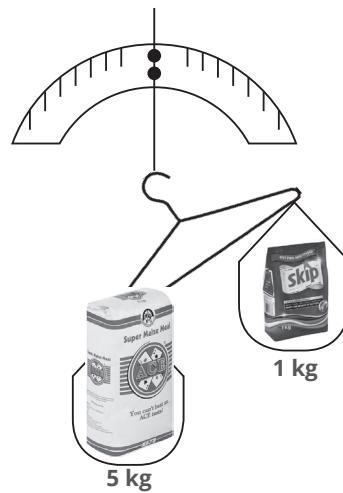
CLASSWORK MUSHUMO WA KILASINI

I Look at the pictures of balance scales. Circle true or false.

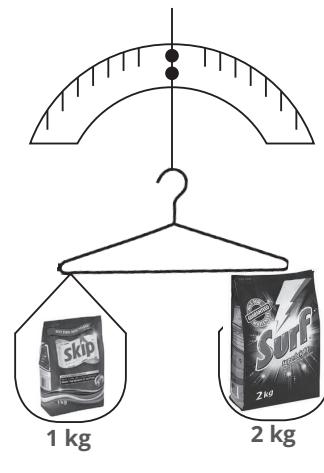
Lavhelesani zwifanyiso zwa zwikalozwilinganyisi, Tangedzelani kha ngoho kana a si ngoho.



true/false
ngoho/a si ngoho



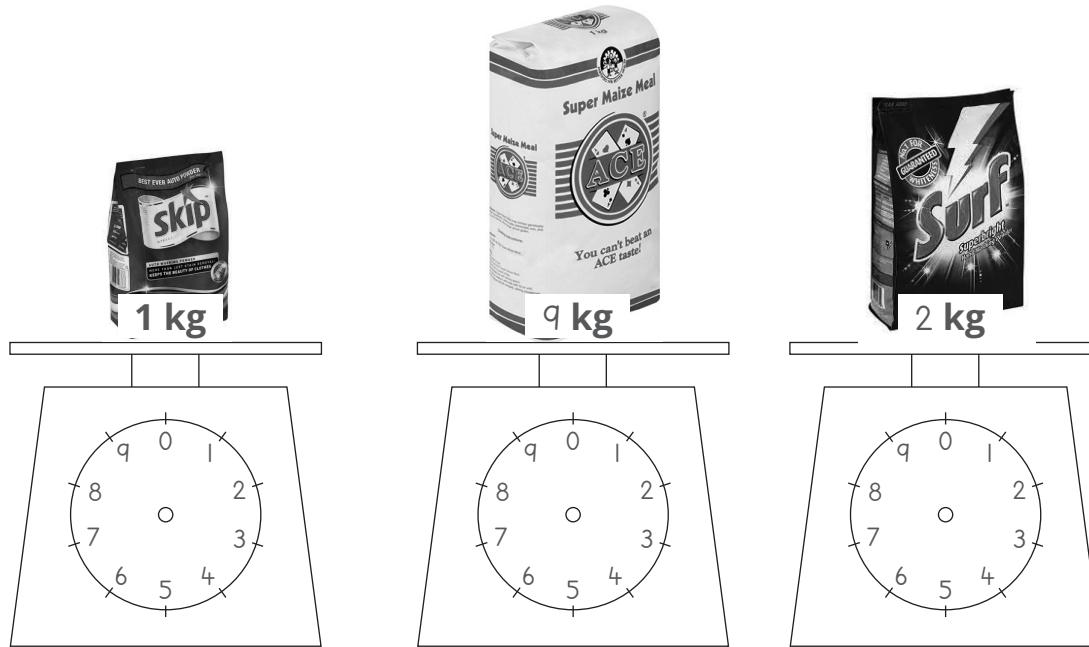
true/false
ngoho/a si ngoho



true/false
ngoho/a si ngoho

- 2 Draw the arms on the kitchen scales to show the mass of these products:

Olani mañanga kha tshikalo tsha khishini ni tshi sumbedza tshileme tsha zwibveledzwa zwi tevhelaho:



HOMEWORK TSHUNWAHAYA

- 1 Draw a scale balance with a heavier object on the right hand side.

Olani tshikalotshilinganyisi tshi re na tshitihu tshi no lemelesa kha tshanda
tsha u la.

- 2 Draw a scale balance with a lighter object on the left hand side.

Olani tshikalotshilinganyisi tshi re na tshitihu tshi no leluwesa kha tshanda
tsha monde.

- 3 What can you say about the two drawings that you drew?

Ni nga amba zwifhio nga nyolo mbili dze na ola?

Term 2 Lesson 3q

Themo ya 2 Ngudo ya 3q

Mass: Addition and subtraction problems

Tshileme: Mbalo dza mu $\ddot{\text{t}}$ anganyo na mu $\ddot{\text{t}}$ uso

CLASSWORK MUSHUMO WA KILASINI

- 1 Draw five objects, each with a different mass. Write the mass of each object under the picture.

Olani zwithu zwit $\ddot{\text{t}}$ anu, tshi $\ddot{\text{n}}$ we na tshi $\ddot{\text{n}}$ we tshi na tshileme tsho fhambanaho.
Nwalani tshileme tsha tshi $\ddot{\text{n}}$ we na tshi $\ddot{\text{n}}$ we tsha izwi zwithu nga fhasi ha tshifanyiso.

- 2 What is the total mass of the objects whose pictures you drew?

Tshilemegu $\ddot{\text{t}}$ e tsha zwithu zwe na ola zwifanyiso zwazwo ndi tshifhio?

_____ kg.

- 3 Jabu buys 2 kg of sugar and Vusi buys 5 kg of sugar. How many kilograms of sugar do they have together?

Jabu u renga 2 kg ya swigiri ngeno Vusi a tshi renga 5 kg ya swigiri. Vha na kilogireme nngana dza swigiri dzo ḫangana dzothé?

- 4 Nomsa's mass is 30 kg. Busi's mass is 24 kg. How many kilograms less is Busi's mass than Nomsa's?

Nomsa u lemela tshileme tsha 30 kg. Tshileme tsha Busi ndi 24 kg. Tshileme tsha Busi tshi fhasi kha tsha Nomsa nga vhugai?

HOMEWORK TSHUNWAHAYA

Solve the following:

Tandululani zwi tevhelaho:

1 $3 \text{ kg} + 16 \text{ kg} = \underline{\hspace{2cm}}$

2 $26 \text{ kg} - 13 \text{ kg} = \underline{\hspace{2cm}}$

- 3 Jack buys 4 kg of bananas. Warona buys 7 kg of bananas. How many kilograms of bananas do they have together?

Jack u renga 4 kg ya miomva, Warona u renga 7 kg ya miomva. Hu na kilogireme nngana dza miomva dzo ḫangana dzothé?

Term 2 Lesson 40

Themo ya 2 Ngudo ya 40

Consolidation

U ḥanganya magudiswa

- 1 Draw the following products each with a different mass:

Olani zwibveledza zwi tevhelaho, tshinwe na tshinwe tshi na tshileme tshi sa fani na tsha tshinwe:

3 kg tomatoes, 5 kg bananas, 8kg mangoes, 1 kg potatoes. Write down the mass of each product.

Maṭamat̄isi a 3 kg, miomva ya 5 kg, manngo a 8kg, maḍabula a 1 kg. Nwalani tshileme tsha tshibveledza tshinwe na tshinwe.

- 2 Use the pictures from Question 1 to complete the following:

Shumisani zwifanyiso zwi re kha Mbudziso ya 1 kha u fhedzisa zwi tevhelaho:

- a Musi bought bananas and mangoes. What is the total mass of her products?

Musi o renga miomva na manngo. Tshilemeguṭe tsha zwibveledza zwe a renga ndi tshifhio?

- b I bought tomatoes and potatoes. What is the total mass of my products?

Ndo renga matamatisi na madabula. Tshilemegute tsha zwibveledzwa zwe nda renga ndi tshifhio?

- c Sipho bought mangoes and tomatoes. What is the total mass of his products?

Sipho o renga manngo na matamatisi. Tshilemegute tsha zwibveledzwa zwe a renga ndi tshifhio?

- 3 Jabu buys 10 kg of mielie meal and Busi buys 7 kg of mielie meal. How many more kilograms does Jabu have than Busi?

Jabu u renga 10 kg ya mugayo/vhukhopfu, Busi u renga 7 kg ya mugayo/vhukhopfu. Jabu u na kilogireme nnzhi nngana u fhira Busi?

Term 2 Lesson 4I

Themo ya 2 Ngudo ya 4I

Assessment

U linga

Term 2 Lesson 42

Themo ya 2 Ngudo ya 42

Problem solving (I)

U tандулula thaidzo (u shuma mbalo) (I)

CLASSWORK MUSHUMO WA KILASINI

Add these numbers:

Tanganyani nomboro idzi:

1 Add them in the order in which they are written.

Dzi ḥanganyeni dži tshi tevhekana nga ndila ye dza የwalwa ngayo.

2 Add them by writing them in a different order.

Dzi ḥanganyeni nga u dzi የwala nga thevhekano inwevhø.

a $10 + 2 + 4 =$ _____

_____ or/kana _____

b $10 + 6 + 3 =$ _____

_____ or/kana _____

c $11 + 4 + 3 =$ _____

_____ or/kana _____

d $12 + 2 + 3 =$ _____

_____ or/kana _____

e $13 + 3 + 3 =$ _____

_____ or/kana _____

f $12 + 1 + 5 =$ _____

_____ or/kana _____

HOMEWORK TSHUNWAHAYA

Add these numbers:

Tanganyani nomboro idzi:

1 Add them in the order in which they are written.

Dzi ḥanganyeni dzi tshi tevhekana nga ndila ye dza ንwalwa ngayo.

2 Add them by writing them in a different order.

Dzi ḥanganyeni nga u dzi ንwala nga thevhekano iñwevho.

a $10 + 2 + 1 =$ _____

_____ or/kana _____

b $12 + 3 + 2 =$ _____

_____ or/kana _____

c $14 + 2 + 2 =$ _____

_____ or/kana _____

d $15 + 3 + 1 =$ _____

_____ or/kana _____

Term 2 Lesson 43

Themo ya 2 Ngudo ya 43

Problem solving (2)

U tandulula thaidzo (u shuma mbalo) (2)

CLASSWORK MUSHUMO WA KILASINI

I Add these numbers. Think about how to pair the numbers when you add.

Tanganyani nomboro idzi. Elekanyani nga uri nomboro idzi ni nga dzi phera nga ndila ifhio ni tshi dzi tanganya.

a $15 + 6 + 4 =$ _____

_____ or/kana _____

b $14 + 6 + 7 =$ _____

c $24 + 6 + 9 =$ _____

d $34 + 8 + 2 =$ _____

e $43 + 7 + 4 =$ _____

f $54 + 8 + 2 =$ _____

2 Solve the problem.

Tandululani thaidzo/Shumani mbalo.

There are 18 chickens on the farm.

The farmer buys another 9 and
then another 1 chicken.

How many chickens does the farmer have altogether?

Hu na khuhu dza 18 bulasini.

Rabulasi u renga dziinwe dza 9
na iinwe ya 1 nga murahu.

Rabulasi u na khuhu nngana dzo ḥangana dzot̄he?

HOMEWORK TSHUNWAHAYA

Solve the questions. Think about how to pair the numbers when you add.

Tandululani mbudziso. Elekanyani nga uri nomboro idzi ni nga dzi phera nga ndila ifhio ni tshi dzi tanganya.

a $13 + 8 + 2 =$ _____

b $15 + 5 + 8 =$ _____

c $24 + 6 + 4 =$ _____

d $47 + 8 + 2 =$ _____

Term 2 Lesson 44

Themo ya 2 Ngudo ya 44

Problem solving (3)

U tandulula thaidzo (u shuma mbalo) (3)

CLASSWORK MUSHUMO WA KILASINI

I Solve the questions. Think about how to pair the numbers when you add.

Tandululani mbudziso. Elekanyani nga uri nomboro idzi ni nga dzi phera nga ndila ifhio ni tshi dzi tanganya.

a $16 + 5 - 4 =$ _____

b $15 + 8 - 4 =$ _____

c $24 + 7 - 5 =$ _____

d $34 + 9 - 6 =$ _____

e $46 + 8 - 5 =$ _____

f $57 + 7 - 6 =$ _____

2 Solve the problem.

Thandululani thaidzo/Shumani mbalo.

There were 19 cars in the parking lot.

5 more cars parked.

Then 4 cars left.

How many cars are left?

Hu na mimođoro ya 19 yo pakiwaho phakhini.

Ha da ha pakiwa minwe ya 5 .

Ya 4 ya tuwa.

Ho sala mimođoro mingana?

HOMEWORK TSHUNWAHAYA

Solve the questions. Think about how to pair the numbers when you add.

Tandululani mbudziso. Elekanyani nga uri nomboro idzi ni nga dzi phera nga ndila ifhio ni tshi dzi tanganya.

a $17 + 4 - 2 =$ _____

b $14 + 7 - 3 =$ _____

c $23 + 8 - 6 =$ _____

d $43 + 9 - 8 =$ _____

Term 2 Lesson 45

Themo ya 2 Ngudo ya 45

Consolidation

U ḥanganya magudiswa

Read the problems below. Solve them using 2 different methods.

Vhalani thaidzo dzi re afho fhasi. Dzi tandululeni ni tshi shumisa ngona dza 2 dzo fhambanaho.

- I I picked 7 apples on Monday.
I picked 3 apples on Tuesday and
5 more apples on Wednesday.
How many apples did I pick altogether?
Ndo fula maqpula a 7 nga Musumbuluwo.
Nda fula maqpula a 3 nga ḥavhuvhili na
maiwe maqpula a 5 nga ḥavhuraru.
Ndo fula maqpula mangana o ḥangana o ḥe?

2 There were 14 children swimming in the pool.

7 children arrive and

then another 3 arrive.

How many children are there altogether swimming in the pool?

Hu na vhana vha 14 vhane vha khou bambela bameloni.

Ha swika vhanwe vhana vha 7

vha tovhelwa nga vhanwe vha 3.

Hu na vhana vhangana vho ḥangana vhane vha khou bambela bameloni?

3 Maria has 16 crayons.

Her mom buys her another 5 crayons.

She loses 4 of the crayons.

How many crayons does she have left?

Maria u na khirayoni dza 16.

Mme awe vha mu rengela dzinwe khirayoni dza 5.

A xedza dza 4 dza khirayoni idzi.

O salelwa nga khirayoni nngana?

4 There were 14 children in the classroom.

6 children arrived in the classroom and
then another 3.

How many children are there now?

Hu na vhana vha 14 ki_lasini.

Ha swika vhana vha 6 ki_lasini
vha tevhelwa nga vhar_iwe vha 3.

Hu na vhana vhangan_a zwino?

5 There were 23 cows in the field.

6 more cows arrived in the field and
then another 4.

How many cows are there now?

Ho vha hu na kholomo dza 23 mafuloni.

Ha swika dzi_iwe kholomo dza 6
dza tevhelwa nga dzi_iwe dza 4.

Hu na kholomo nngana zwino?

6 There were 12 pigs in the field.

6 more pigs came to the field and
then 5 pigs left.

How many pigs are left in the field?

Hu na nguluvhe dza 12 mudavhini.

Dziñwe dza 6 dza swika afha mudavhini ngeno nguluvhe
dza 5 dzo mbo di ḫuwa.

Ho sala nguluvhe nngana mudavhini?

Term 2 Lesson 46

Themo ya 2 Ngudo ya 46

Addition using brackets

Mučanganyo hu tshi shumiswa zwitangi

CLASSWORK MUSHUMO WA KILASINI

I Solve the following problems. Remember to start with the brackets.

Tandululani thaidzo dzi tevhelaho. Ni elelwe u thoma nga zwitangi.

a $14 + (7 + 3) =$ _____

b $25 + (3 + 2) =$ _____

c $19 + (2 + 18) =$ _____

d $24 + (17 + 3) =$ _____

e $35 + (14 + 6) =$ _____

f $49 + (8+22) = \underline{\hspace{2cm}}$

- 2 Use brackets to solve this problem.

Shumisani zwitangi kha u tandulula thaidzo iyi.

There were 16 dogs in the park.

7 more dogs came and

another 3 came later.

How many dogs are there altogether?

Hu na mmbwa dza 16 phakhani.

Ha swika dziñwe mmbwa dza 7

dza tevhelwa nga vhuya nga dziñwe dza 3.

Hu na mmbwa nngana dzo ḥangana dzot̄he?

HOMEWORK TSHUNWAHAYA

Solve the following problems. Remember to solve the brackets first.

Tandululani thaidzo dzi tevhelaho. Ni elelwe u shumisa zwitangi u thoma.

a $15 + (5+5) =$ _____

b $19 + (4 + 6) =$ _____

c $27 + (12+8) =$ _____

d $37 + (46 + 4) =$ _____

Term 2 Lesson 47
Themo ya 2 Ngudo ya 47
Assessment
U linga

Term 2 Lesson 48

Themo ya 2 Ngudo ya 48

Word problems – difference

Mbalo dza maipfi – phambano

CLASSWORK MUSHUMO WA KILASINI

Draw bar diagrams to solve the problems below.

Olani tshatidungo ni tshi tandulula thaidzo dzi re afho fhasi.

a There are 22 sheep in the field.

There are 6 more sheep in the field than on the truck.

How many sheep are there on the truck?

Hu na nngu dza 22 mafuloni.

Hu na nngu nnzhi nga dza 6 mafuloni u fhira ḥirakani.

Hu na nngu nngana ḥirakani?

b A dozen pencils costs R45.

This is R15 more expensive than a packet of erasers.

How much is a packet of erasers?

Dauzeni ya penisela i ḫura R45.

I ḫura u fhira phakhethe ya raba nga R15.

Phakhethe ya raba ndi vhugai?

HOMEWORK TSHUNWAHAYA

Draw a bar diagram to solve the problems below.

Olani tshatidungo ni tshi tandulula thaidzo dzi re afho fhasi.

There are 38 girls on the playground.

There are 20 more girls than boys on the playground.

How many boys are there?

Hu na vhasidzana vha 38 luvhandeni lwa u tampa.

Vhasidzana vha re luvhandeni vha fhira vhatukana nga vha 20.

Hu na vhatukana vhangana?

Term 2 Lesson 49

Themo ya 2 Ngudo ya 49

Word problems – comparison

Mbalo dza maipfi – mbampedzo

CLASSWORK MUSHUMO WA KILASINI

Draw bar diagrams to solve the problems below.

Olani tshatidungo ni tshi tandulula thaidzo dzi re afho fhasi.

a There are 29 taxis on the road.

The number of taxis is 10 less than the cars.

How many cars are there?

Hu na thekhisi dza 29 badani.

Nomboro ya thekhisi ndi thukhu kha ya mimodoro nga 10.

Hu na mimodoro mingana?

b A red ribbon is 20 m long.

It is 36 m shorter than a blue ribbon.

How long is the blue ribbon?

Riboni tswuku i na vhulapfu ha 20 m.

Ndi pfufhi kha riboni ya lutombo nga 36 m.

Riboni ya lutombo i na vhulapfu vhungafhani?

HOMEWORK TSHUNWAHAYA

Draw a bar diagram to solve the problem.

Olani tshatidungo ni tshi tandulula thaidzo iyi.

There are 17 oranges.

There are 30 less oranges than apples.

How many apples are there?

Hu na maswiri a 17.

Maswiri ndi mačuku kha maapula nga a 30.

Hu na maapula mangana?

Term 2 Lesson 50

Themo ya 2 Ngudo ya 50

Consolidation

U ḥanganya magudiswa

Draw bar diagrams to show the difference.

Olani tshatidungo ni tshi sumbedza phambano.

I There are 18 pigs on the farm.

There are 5 more pigs than goats.

How many goats are there?

Bulasini hu na nguluvhe dza 18.

Nguluvhe dzi fhira mbudzi nga dza 5.

Hu na mbudzi nngana?

2 There are 25 books on the shelf.

There are 10 more books than magazines.

How many magazines are there?

Hu na bugu dza 25 kha she^lefu.

Bugu dzi fhira mimagazini nga dza 10.

Hu na mimagazini mingana?

3 There are 30 plates on the table.

There are 16 less plates than spoons on the table.

How many spoons are there?

Hu na phuleithi dza 30 ḥafulani.

Phuleithi ndi ḥukhu kha lebula nga dza 16 afho ḥafulani.

Hu na lebula nngana?

4 Mealie Meal costs R20.

Mealie meal is R15 cheaper than Rama.

How much is Rama?

Mugayo/vhukhupfu ndi R20.

Mugayo wo tshipa u fhira Rama nga R15.

Rama ndi vhugai?

Printed tens (lesson 1 and other)
Mahumi o gandiswaho(ngudo ya 1 na iñwe)

