

MATHEMATICS

Grade 2

**English/
Xitsonga**

**Teacher's
Resource**

Pack

2019 TERM 2

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I Printable Resources

Printable resource sheets

This is a list of the mathematical resources that you will need this term. You need to make sure that you have them for the lessons for which they are recommended.

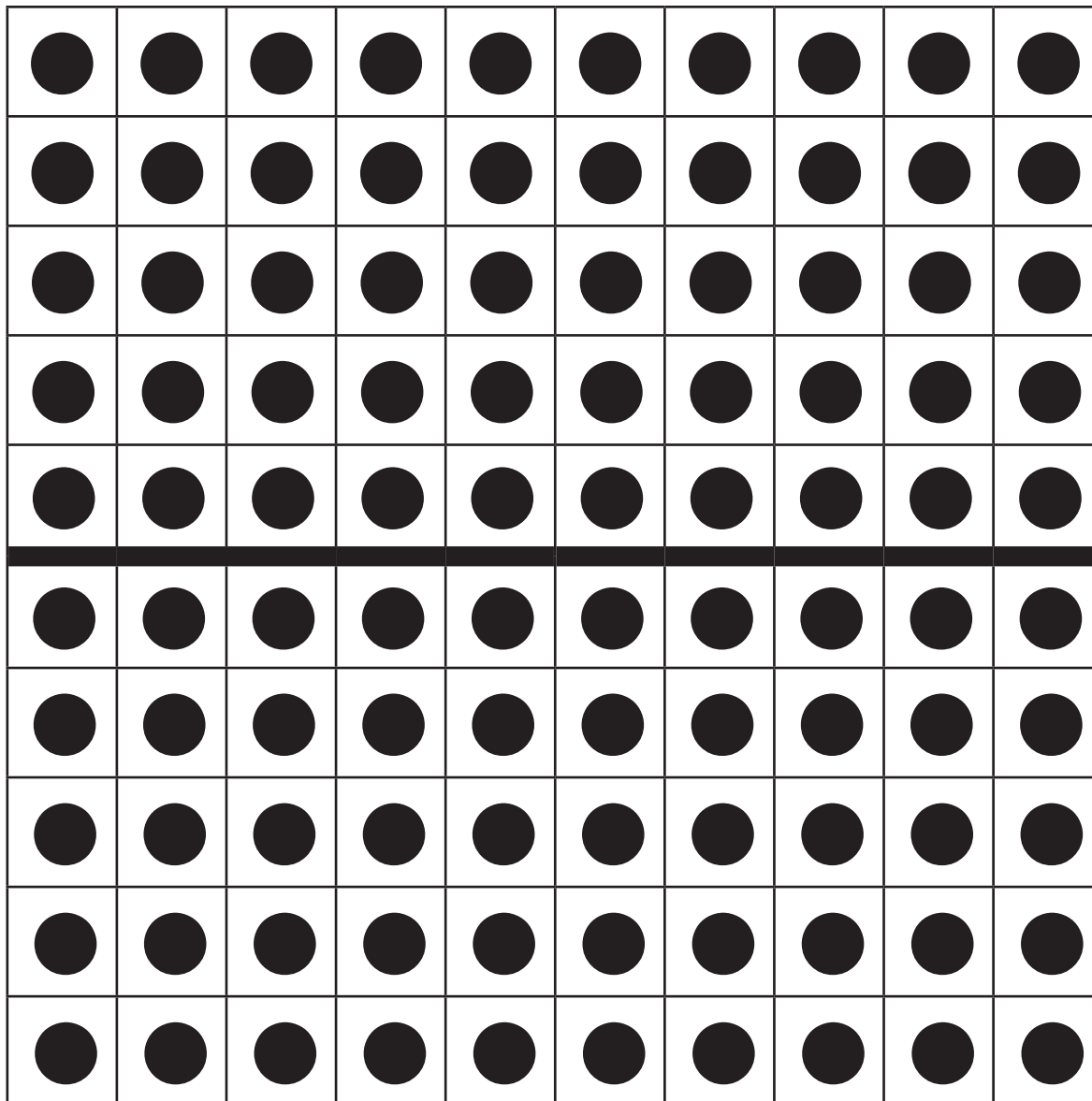
1 Printed tens (lesson 1 and other)	2
Vakhume lava printiwaka (dyondzontsongo yo 1 na tin'wana)	2

RESOURCES FOR EACH DAY OF TEACHING

There are also other resources such as informal resources (old magazines, pieces of string, scrap paper, etc.) that you may need in certain lessons. You should have a careful look at the list of resources needed for each lesson; this list is given in the lesson plans each day. Prepare yourself, so that you have the necessary resources for the lessons on a daily basis.

I Printed tens (lesson I and other)

Vakhume lava printiwaka (dyondzontsongo yo I na tin'wana)



2 Written assessments

Written Assessment Lesson 6

Makambelelo yo Tsariwa Dyondzontsongo ya 6

1 Solve $27 + 35 =$ _____ using a base ten kit and place value table.

Lulamisa $27 + 35 =$ _____ hi ku tirhisa khiti ya masungulo ya le hansi ya khume na tafula ra vukulu bya tidijiti.. (3)

2 Solve $27 + 35 =$ _____ using a number line.

Lulamisa $27 + 35 =$ _____ hi ku tirhisa ndzhati wa mitsengo. (3)



2 Written assessments

3 Calculate $27 + 35 =$ _____ using the column method.

Khakhuleta $27 + 35 =$ _____ hi ku tirhisa tikholomo. (3)

4 Circle the method that you found easiest.

Bana xirhendzevutana eka endlelo leri ku olovelaka swinene. (1)

Written Assessment Lesson 9

Makambelelo yo Tsariwa Dyondzontsongo ya 9

Solve the following using the bar diagrams. Write a number sentence to show your answer.

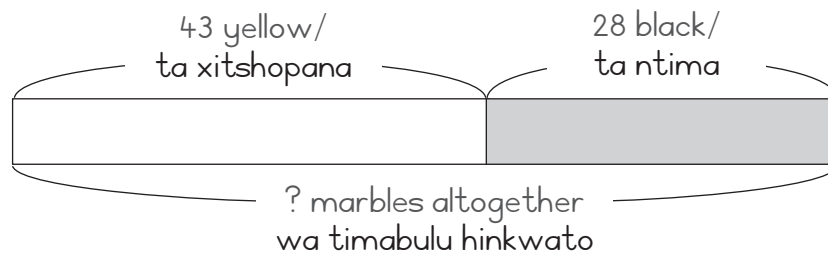
Lulamisa leswi landzelaka hi ku tirhisa dayagiramu ya tibarara. Tsala xivulwa xa tinomboro ku komba nhlamulo ya wena. $(3 \times 3 = 9)$

- 1 Nkosi has 43 yellow marbles
and 28 black marbles.

How many marbles does Nkosi have?

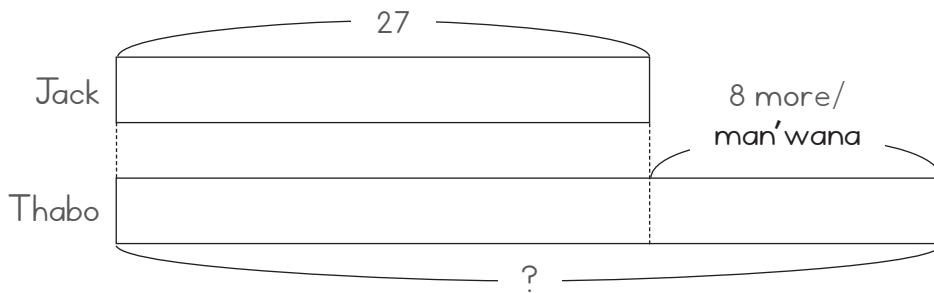
Nkosi u na 43 wa timabulu ta xitshopana na
28 wa timabulu ta ntima.

Xana Nkosi u na timabulu tingani?



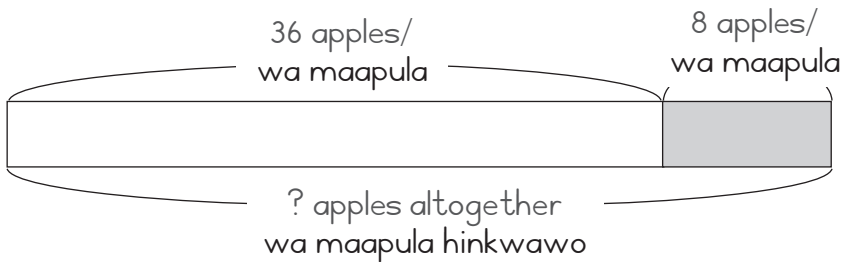
_____ = _____ marbles/wa timabulu

- 2 Jack has 27 sweets.
 Thabo has 8 more than Jack.
 How many sweets does Thabo have?
 Jack u na 27 wa malekere.
 Thabo u na yo tlula ya Jack hi 8.
 Xana Thabo u na malekere mangani?



_____ = _____ sweets/wa malekere

- 3 Nene has 36 apples.
 Her mom gave her 8 apples.
 How many apples does she have now?
 Nene u na 36 wa maapula.
 Manana wa yena u n'wi nyike 8 wa maapula.
 Xana u na maapula mangani sweswi?



_____ = _____ apples/wa maapula

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

Tirhisa tikholomo ku kamba tinhlamulo leti. Gwajula kumbe u ba xihambano eka yin'wana na yin'wana. (2 × 3 = 6)

a $22 + 27 = 49$

	T	O	
	2	2	
+	2	7	
	4	9	O: $2 + 7 = 9$
			T: $20 + 20 = 40$
	4	9	

b $39 + 58 = 100$

	T	O	
	3	9	
+	5	8	
	1	7	O: $9 + 8 = 17$
			T: $30 + 50 = 80$
	9	7	

Written Assessment Lesson 14

Makambelelo yo Tsariwa Dyondzontsongo ya 14

- 1 Calculate $92 - 38 =$ _____ using a base ten kit and place value table.

Khakhuleta $92 - 38 =$ _____ hi ku tirhisa khiti ya masungulo ya le hansi ya khume na tafula ra vukulu bya tidijiti. (3)

- 2 Use the column method to check your answer to $92 - 38 =$ _____.

Tirhisa tikhologo ku kamba nhlamulo ya wena ya $92 - 38 =$ _____. (3)

- 3 Solve $64 - 26 =$ _____ using a number line:

Lulamisa $64 - 26 =$ _____ hi ku tirhisa ndzhati wa mitsengo. (3)



- 4 Use column addition to check your answer to $64 - 26 =$ _____.
Hlanganisa hi tikholomo u kamba nhlamulo ya wena ya

$64 - 26 =$ _____ (3)

Written Assessment Lesson 21

Makambelelo yo Tsariwa Dyondzontsongo ya 21

1 Fill in the missing numbers.

Tata tinomboro leti siyiweke.

(3)

	T	O	
	5		
		7	
-	3		
		9	
	2	0	
	2	9	

O: $17 - \underline{\quad} = 9$

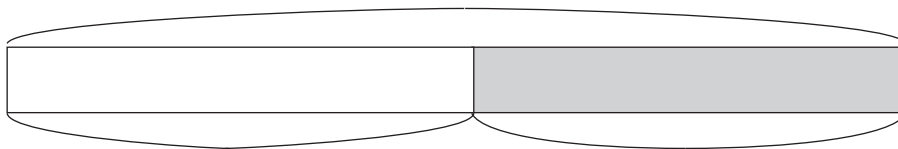
T: $\underline{\quad} - 30 = 20$

2 Solve the following. Use the bar diagram and write a number sentence to show the answer.

Lulamisa leswi landzelaka. Tirhisa dayagiramu ya tibera kutani u tsala xivulwa xa tinomboro ku komba nhlamulo. (3)

I have 36 pens. 18 of them are black and the rest are blue. How many blue pens do I have?

Ndzi na 36 wa tipene. 18 wa tona i ta ntima kasi letin'wana i ta wasi. Xana ndzi na tipene tingani ta wasi?



_____ = _____ blue pens/
wa tipene ta wasi

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

Kamba nhlamulo leyi. Gwajula kumbe u ba xihambano.

(3)

$$63 - 48 = 15$$

	T	O	
	5	3	
	6	3	
-	4	8	
	1	0	O: 13 - 8 = 5
			T: 50 - 40 = 10
	1	5	

4 Solve the following. Use the bar diagram and write a number sentence to show the answer.

Lulamisa leswi landzelaka. Tirhisa dayagiramu ya tibara kutani u tsala xivulwa xa tinomboro ku komba nhlamulo.

(3)

Palesa has 25 sweets.

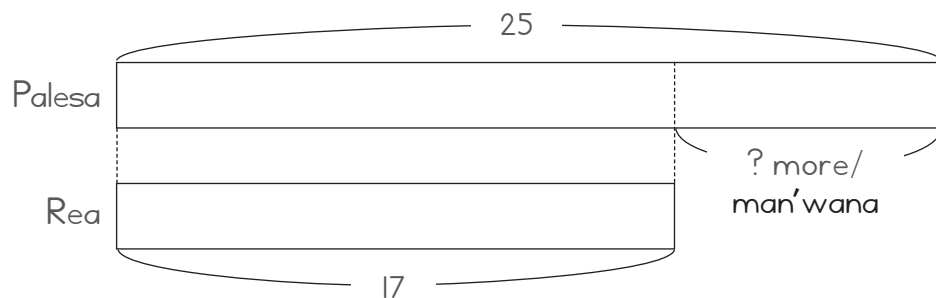
Rea has 16 sweets.

How many more sweets does Palesa have than Rea?

Palesa u na 25 wa malekere.

Rea u na 16 wa malekere.

Malekere ya Palesa ma tlula ya Rea hi mangani?



_____ = _____ sweets/wa malekere

Written Assessment Lesson 29

Makambelelo yo Tsariwa Dyondzontsongo ya 29

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

Hetisa dayagiramu ya tibarwa. Kutani, tsala xivulwa xa tinomboro na nhlamulo.

(2 × 3=6)

1 Pumela ate 5 mangoes.

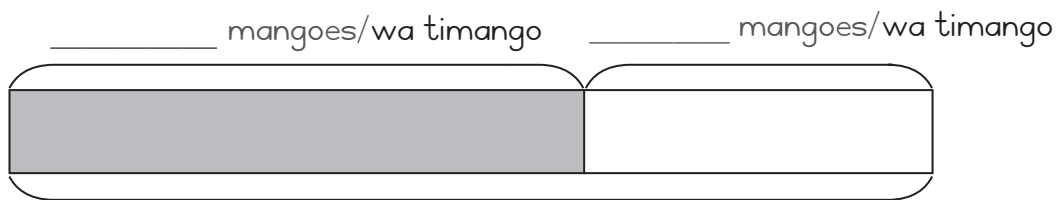
Her aunt ate 3 mangoes.

How many mangoes did they eat altogether?

Pumela u dye 5 wa timango.

Hahani wakwe u dye timango ti3.

Xana va dye timango tingani?



_____ = _____ mangoes/wa timango

2 I have 14 pens.

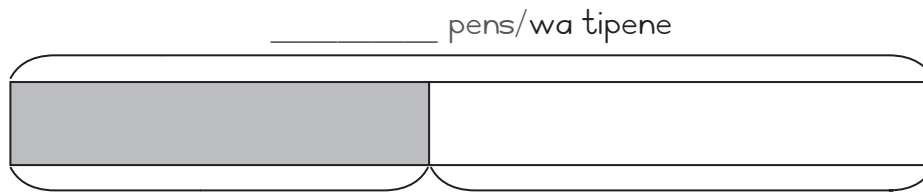
6 of them are red and the others are blue.

How many blue pens do I have?

Ndzi na 14 wa tipene.

6 wa tona i to tshwuka kutani letin'wana i ta wasi.

Xana ndzi na tipene tingani ta wasi?



_____ red pens/
wa tipene to tshwuka

_____ blue pens/
wa tipene ta wasi

_____ = _____ blue pens/
wa tipene ta wasi

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

Dirowa dayagiramu ya tibarara. Kutani, tsala xivulwa xa tinomboro na nhlamulo.

$(3 \times 3 = 9)$

- 3 There were 12 biscuits.
Thando ate some biscuits.
There are 5 biscuits left.
How many biscuits did Thando eat?
A ku ri na 12 wa makokisi.
Thando u dye makokisi mar'wana.
Ku sale 5 wa makokisi.
Xana thando u dye makokisi mangani?

_____ = _____ biscuits/wa makokisi

- 4 There are 13 sheep in the field.
7 of them are lambs. The others are big sheep.
How many big sheep are there?
Ku na 13 wa tinyimpfu emadyelweni.
7 wa tona i makhuna. Letin'wana i tinyimpfu letikulu.
Xana i tingani tinyimpfu letikulu?

_____ = _____ big sheep/
wa tinyimpfu letikulu

- 5 You have some marbles.
After you lose 7 marbles
you have 15 marbles left.
How many marbles did you have to begin with?
U na timabulu to hlayanyana.
Loko u ta va u lahlekeriwe hi 7 wa timabulu
u sale na 15 wa tona.
Xana a wu ri na tingani ekusunguleni?

_____ - _____ = _____ marbles/wa timabulu

Written Assessment Lesson 36

Makambelelo yo Tsariwa Dyondzontsongo ya 36

1 Circle the container that can hold more water.

Bana xirhendzevutana eka xibye lexi chelaka mati lamanyingi.

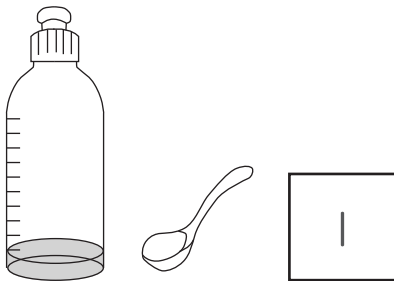
(1)



2 This bottle has 1 teaspoon of water in it.

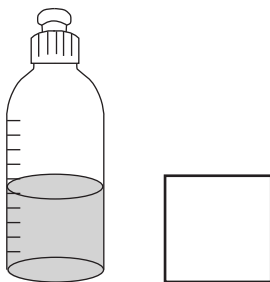
Bodhlela leri ri na mati yo ringana xilepulana xin'we.

(1)



How many teaspoons of water are there in the following bottle?

Xana bodhlela leri ri na mati yo ringana swilepulana swingani?



(5)

3 Write these measurements from smallest to biggest: 4 l, 2 l, 3 l, 1 l and 5 l.

Tsala mipimo leyi kusuka eka lowutsongo swinene kufika eka lowukulu eka hinkwayo: 4 l, 2 l, 3 l, 1 l na 5 l. (1)

- 4 Draw 3 containers below to show the difference in capacity.
(Answers will vary)

Dirowa swibye swi3 swo chela ku komba ku hambana hi vundzeni: (3)

holds less than 1 litre xi khoma leswitsongo ka litara yin'we	holds 1 litre xi khoma litara yin'we	holds more than one litre xi khoma kutlula litara yin'we
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- 5 Solve the problems:

Lulamisa swiphiqo: (2 × 2=4)

- a Mom buys 2 litres of orange juice on Monday. She buys another 4 l on Tuesday. How many litres did she buy altogether? (6 l)

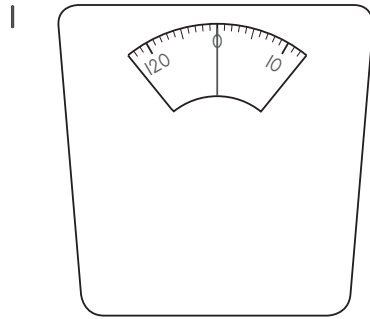
Manana u xave tilitara ti2 ta juzi ya malamula hi Musumbhunuku. U xave tin'wana tilitara ta 4 hi Ravumbirhi. Xana i tingani hinkwato tilitara leti a ti xaveke?

- b Busi has 5 l of water. Jabu has 7 l. How many more litres does Jabu have? (2 l)

Busi u na 5 l ta mati. Jabu u na 7 l. Xana Jabu u na tilitara tingani to tlula ta Busi?

Written Assessment Lesson 41

Makambelelo yo Tsariwa Dyondzontsongo ya 41



a What mass reading is shown on this bathroom scale? _____

Xana xikalu xa ntiko wa munhu xi komba ntiko wihi?

(1)

b Is anyone standing on the scale? Circle: yes/no

Xana ku na la yimeke exikalwini? Bana xirhendzevutana: ina/e-e

(1)

c How do you know? _____

U swi tivisa kuyini? _____

(1)

2 $20 \text{ kg} + 11 \text{ kg} =$ _____

(1)

3 $21 \text{ kg} - 14 \text{ kg} =$ _____

(1)

4 Arrange from lightest to heaviest: 8 kg, 5 kg, 2 kg, and 10 kg.

Xaxameta kusuka eka xo vevuka swinene kufika eka xo tika kutlula hinkwaswo:
8 kg, 5 kg, 2 kg, na 10 kg

(1)

5 Solve the problems:

Lulamisa swiphiqo:

(2 × 2=4)

- a Sam's mass is 21 kg. Steve's mass is 20 kg. How many kilograms is their total mass?

Sam u tika 21 kg. Steve u tika 20 kg. Xana tikhilogiramu hinkwato ta vona i tingani?

- b Mom buys 12 kg potatoes. Dad buys 5 kg potatoes. How many kilograms more did Mom buy than Dad?

Manana u xave 12 kg ta mazambhana. Tatana u xave 5 kg ta mazambhana. Xana tikhilogiramu leti Manana a tixaveke ti tlula ta Tatana hi tingani?

Written Assessment Lesson 47

Makambelelo yo Tsariwa Dyondzontsongo ya 47

1 Solve the following. Remember start with the brackets.

Lulamisa leswi landzelaka. Tsundzuka kusungula hi swiangi.

(3)

a $20 + (4 + 6) =$ _____

b $40 + (5 + 5) =$ _____

c $43 + (30 + 10) =$ _____

2 Use two different methods to solve each problem.

Tirhisa maendlelo yo hambana ku lulumisa xiphiqo xin'wana na xin'wana..

($4 \times 3 = 12$)

- a There were 15 books on the shelf.
I put in 3 more books on the shelf and then
I put another 7 books.
How many books do I have altogether?
A ku ri na 15 wa tibuku exelefuni.
Ndzi veke tibuku tin'wana ti3 exelefuni ivi
Ndzi veka tin'wana ta 7.
Xana ndzi na tibuku tingani hinkwato?

- b There were 25 oranges in a basket.
Mom bought 7 more oranges and then
she bought another 3 oranges.
How many oranges are there now?

A ku ri na 25 wa malamula ebasikitini.
Mhani u xave malamula man'wana ya 7 kutani
a xava man'wana ma3.
Xana ku na.malamula mangani sweswi?

- c There were 15 horses in the field.
7 more horses came to the field and then
5 horses left the field.
How many horses are left in the field?

A ku ri na 15 wa tihanci emadyelweni.
Ku te tin'wana ta 7 emadyelweni kutani
5 wa tihanci ti sukile emadyelweni.
Xana ku sale tihanci tingani emadyelweni?

