

MATHEMATICS

Grade 1

**English/
Sepedi**

**Teacher's
Resource
Pack**

2020 TERM 4

Contents

1	Printable Resources	1
	Printable resource sheets	1
1	Papadi ya Poroto (thuto ya 13 le 14)	2
2	Days of the week (lesson 32–34)	3
3	Matšatši a beke (thuto ya 32–34)	7
4	Months of the year (lesson 32–34)	11
5	Dikgwedi tša ngwaga (thuto ya 32–34)	17
2	Written assessments	23
	Dikelo tša go ngwalwa	23
	Kelo ya go Ngwalwa Thuto ya 4	23
	Kelo ya go Ngwalwa Thuto ya 10	25
	Kelo ya go Ngwalwa Thuto ya 16	27
	Kelo ya go Ngwalwa Thuto ya 20	29
	Kelo ya go Ngwalwa Thuto ya 27	30
	Kelo ya go Ngwalwa Thuto ya 30	32
	Kelo ya go Ngwalwa Thuto ya 35	34
	Kelo ya go Ngwalwa Thuto ya 39	36

1 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.

Le ke lenaneo la didirišwa tša mmetse tšeo o tlogo di hloka mo kotareng ye. O swanetše go netefatša go re o na le tšona ge o swaragane le dithutišo tšeo di loketšego go šomišwa le tšona.

1	Papadi ya Poroto (thuto ya 13 le 14)	2
2	Days of the week (lesson 32–34)	3
3	Matšatši a beke (thuto ya 32–34)	7
4	Months of the year (lesson 32–34)	11
5	Dikgwedi tša ngwaga (thuto ya 32–34)	17

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.

DIDIRIŠWA TŠA TŠATŠI KA TŠATŠI TŠA GO RUTA

Go na le didirišwa tše dingwe gape tšeo di sego molaong (dimakasine tša kgale, diripana tša dithapo, ditshetlana tša pampiri, bjbj.) tšeo o ka di hlokago go dithutišo tše dingwe. O swanetše go ntšha mahlo dinameng go lenaneo la didirišwa tšeo o di hlokago go thutišo ye nngwe le ye nngwe; lenaneo le le filwe ka peakanyong ya dithutišo tša letšatši le lengwe le le lengwe. Itokiše, gore o kgone go ba le didirišwa tšeo di hlokegago tša dithutišo letšatši le lengwe le le lengwe.

I Board game (lesson 13 and 14)
 Papadi ya Poroto (thuto ya 13 le 14)

The board game grid consists of 10 columns and 11 rows of numbered squares. The numbers are arranged as follows:

- Column 1: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9
- Column 2: 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45
- Column 3: 34, 65, 66, 67, 68, 69, 70, 71, 72, 73, 46
- Column 4: 33, 64, 87, 88, 89, 90, 91, 92, 93, 74
- Column 5: 32, 86, 85, 84, 83, 82, 81, 98, 99, 94, 95
- Column 6: 31, 85, 84, 83, 82, 81, 80, 79, 96, 97
- Column 7: 30, 84, 83, 82, 81, 80, 79, 78, 95, 96
- Column 8: 29, 83, 82, 81, 80, 79, 78, 77, 94, 95
- Column 9: 28, 82, 81, 80, 79, 78, 77, 76, 93, 94
- Column 10: 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27

Special features on the board include:

- START** at square 0.
- GOAL! 100** at square 100.
- Two instructional callouts:
 - At square 86: "Moving forward 3 is the same as adding 3. Go iša pele 3 go swana le go hlakantšha ka 3." (Illustrated with a car icon.)
 - At square 94: "Moving backward 4 is the same as subtracting 4. Go boetša morago 4 go swana le go ntšha 4." (Illustrated with a car icon.)
- Vehicle icons (car, motorcycle, truck) are placed on various squares to represent player positions.

2 Days of the week (lesson 32–34)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

3 Matsšatši a beke (thuto ya 32–34)

Mosupologo

Labobedi

Laboraro

Labone

Labohlano

Mokibelo



4 Months of the year (lesson 32–34)

January

February

March

April

May

June

July

August

September

October

November

December

5 Dikgwedi tša ngwaga (thuto ya 32–34)

Pherekgong

Dibokwane

Hlakola

Mopitlo

Morarang

Ngwatobošego

Mosegamane

Phato

Lewedi

Diphhalane

Dibatsela

Manthole

2 Written assessments

Dikelo tša go ngwalwa

Written Assessment Lesson 4

Kelo ya go Ngwalwa Thuto ya 4

- 1 Find the missing number in the number bond tables.

Hwetša palo yeo e tlogetšwego ka ditafoleng tša tlemagano ya palo.

Write the number sentence that you used to solve the problem on the line.

Ngwala lefokopalo leo o le šomišitšego go rarolla marara mo mothalong.

a $6 + \square = 14$

14	
6	

b $\square + 9 = 15$

15	
	9

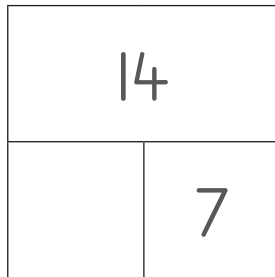
c $13 - \square = 9$

13	
	9

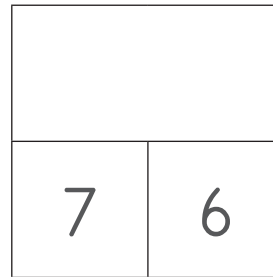
d $\square - 5 = 7$

5	7

e $\square + 7 = 14$



f $\square - 7 = 6$



- 2 Learners who finish the assessment early can play the addition-with-carrying game in pairs.

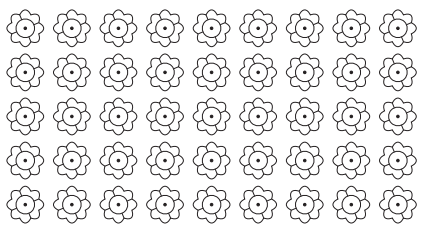
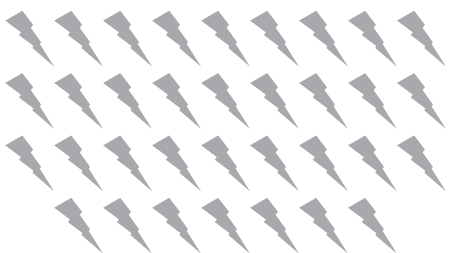
Baithuti bao ba fetšago kelo ka pela ba ka raloka papadi ya go hlakantšha ka go rwala ka bobedi.

Written Assessment Lesson 10

Kelo ya go Ngwalwa Thuto ya 10

1 How many tens and how many ones?

Na ke masome a makae le metšo ye mekae?

	Number of tens Palo ya masome	Number of ones Palo ya metšo	Total number Palomoka
a			
b			

2 How many tens and how many ones?

Na ke masome a makae le metšo ye mekae?

a	51		b	86	
	_____	_____		_____	_____
	tens/masome	ones/metšo		tens/masome	ones/metšo

3 Write the number.

Ngwala palo.

a

7 tens Masome a 7	8 ones Metšo ye 8

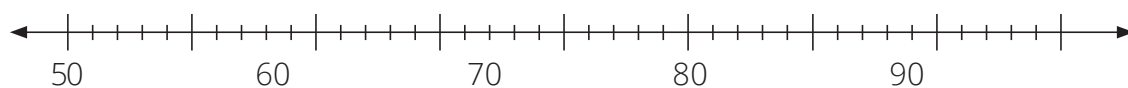
b

9 tens Masome a 9	3 ones Metšo ye 3

4 Show on the number line:

Laetša tše di latelago mo mothalopalong:

- a 3 more than 52
3 go feta 52
- b 2 less than 88
2 ka tlase ga 88
- c 1 less than 61
1 ka tlase ga 61
- d 2 more than 77
2 go feta 77



Written Assessment Lesson 16

Kelo ya go Ngwalwa Thuto ya 16

1 Write the missing numbers in the table:

Ngwala dipalo tšeo di tlogetšwego ka mo tafoleng:

a	21				
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">_____</td> <td style="width: 50%; text-align: center;">_____</td> </tr> <tr> <td style="text-align: center;">tens/masome</td> <td style="text-align: center;">ones/metšo</td> </tr> </table>	_____	_____	tens/masome	ones/metšo
_____	_____				
tens/masome	ones/metšo				
	_____ + _____ = _____				

b	58				
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">_____</td> <td style="width: 50%; text-align: center;">_____</td> </tr> <tr> <td style="text-align: center;">tens/masome</td> <td style="text-align: center;">ones/metšo</td> </tr> </table>	_____	_____	tens/masome	ones/metšo
_____	_____				
tens/masome	ones/metšo				
	_____ + _____ = _____				

c	99				
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">_____</td> <td style="width: 50%; text-align: center;">_____</td> </tr> <tr> <td style="text-align: center;">tens/masome</td> <td style="text-align: center;">ones/metšo</td> </tr> </table>	_____	_____	tens/masome	ones/metšo
_____	_____				
tens/masome	ones/metšo				
	_____ + _____ = _____				

d	43				
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">_____</td> <td style="width: 50%; text-align: center;">_____</td> </tr> <tr> <td style="text-align: center;">tens/masome</td> <td style="text-align: center;">ones/metšo</td> </tr> </table>	_____	_____	tens/masome	ones/metšo
_____	_____				
tens/masome	ones/metšo				
	_____ + _____ = _____				

e	65				
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">_____</td> <td style="width: 50%; text-align: center;">_____</td> </tr> <tr> <td style="text-align: center;">tens/masome</td> <td style="text-align: center;">ones/metšo</td> </tr> </table>	_____	_____	tens/masome	ones/metšo
_____	_____				
tens/masome	ones/metšo				
	_____ + _____ = _____				

f	74				
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">_____</td> <td style="width: 50%; text-align: center;">_____</td> </tr> <tr> <td style="text-align: center;">tens/masome</td> <td style="text-align: center;">ones/metšo</td> </tr> </table>	_____	_____	tens/masome	ones/metšo
_____	_____				
tens/masome	ones/metšo				
	_____ + _____ = _____				

2 Calculate the missing numbers:

Balela dipalo tšeo di tlogetšwego:

a $97 = \underline{\quad\quad} + 7$

b $97 - \underline{\quad\quad} = 7$

c $68 = 60 + \underline{\quad\quad}$

d $68 - 8 = \underline{\quad\quad}$

e $\underline{\quad\quad} = 40 + 5$

f $45 - 40 = \underline{\quad\quad}$

g $83 = \underline{\quad\quad} + 3$

h $\underline{\quad\quad} = 80 + 3$

Written Assessment Lesson 20

Kelo ya go Ngwalwa Thuto ya 20

Calculate:

Balela:

a $43 + 6 =$ _____

b $24 + 5 =$ _____

c $52 + 2 =$ _____

d $99 - 7 =$ _____

e $84 - 3 =$ _____

f $75 - 2 =$ _____

g $20 + 50 =$ _____

h $70 + 20 =$ _____

i $40 + 40 =$ _____

j $50 - 40 =$ _____

k $80 - 60 =$ _____

l $90 - 30 =$ _____

m $26 + 10 =$ _____

n $39 + 40 =$ _____

o $86 - 40 =$ _____

p $67 - 30 =$ _____

q $93 - 50 =$ _____

r $59 - 9 =$ _____

s $64 - 4 =$ _____

t $45 - 40 =$ _____

Written Assessment Lesson 27

Kelo ya go Ngwalwa Thuto ya 27

1 Solve the problems without using bottle tops:

Rarolla marara ntle le go šomiša dikhurumelo tša mapotlelo:

a $15 - 8 =$ _____

b $6 + 6 =$ _____

c $17 - 9 =$ _____

2 Calculate doubles:

Balela dipedifatšo:

a Double R5 is
Pedifatšo ya R5 ke _____

b Double R7 is
Pedifatšo ya R7 ke _____

c Double R20 is
Pedifatšo ya R20 ke _____

d Double R13 is
Pedifatšo ya R13 ke _____

3 Calculate:

Balela:

a $10c + 20c + 10c =$ _____

b $R2 + R1 + R2 + R5 =$ _____

c $R10 + R5 =$ _____

4 Solve:

Rarolla:

- a I have R18. I buy a book for R13. Make a drawing to show how much money I have left.

Ke na le R18. Ke reka puku ya R13. Dira sethalwa go laetša gore ke šaletšwe ke bokae.

- b I have R20. I spend R3. Make a drawing to show how much money I have left.

Ke na le R20. Ke šomiša R3. Dira sethalwa go laetša gore ke šaletšwe ke bokae.

Written Assessment Lesson 30

Kelo ya go Ngwalwa Thuto ya 30

Use this data to answer the question:

Šomiša data ye go araba dipotšišo:

Favourite toys/Dibapadišane tša go ratega			
Doll/Mpopi: 3	Truck/Llori: 2	Teddy bear/Mpopi wa bere: 4	Ball/Kgwele: 5

1 Complete the pictograph.

Feleletša krafo ya diswantšho.

Favourite toys
Dibapadišane tša go ratega

5				
4				
3				
2				
1				
	Doll/Mpopi	Truck/Llori	Teddy bear/ Mpopi wa bere	Ball/Kgwele

Key/Senotlelo: _____ = one learner (learners choose a symbol)/moithuti o tee (baithuti ba kgetha seka)

2 Answer the questions using the pictograph:

Araba dipotšišo o šomiša krafo ya diswantšho:

a How many learners like dolls?

Na ke baithuti ba ba kae bao ba ratago mepopi? _____

b How many learners like teddy bears?

Na ke baithuti ba ba kae bao ba ratago mepopi ya bere? _____

- c How many learners like balls?
Na ke baithuti ba ba kae bao ba ratago dikgwele? _____
- d Which toy is the most popular?
Na ke sebakadišane sefe sa go ratega kudu? _____
- e Which toy is the least popular?
Na ke sebakadišane sefe sa go se ratege kudu? _____

Written Assessment Lesson 35

Kelo ya go Ngwalwa Thuto ya 35

- 1 Draw a picture to show which takes a longer/shorter time.

Thala seswantšho go laetša seo se tšeago nako ye telele/ye kopana.

Compare Bapetša	A longer time Nako ye telele	A shorter time Nako ye kopana
Making one sandwich and Making 20 sandwiches.		
Go dira sangwetši e tee le Go dira disangwetši tše 20		

- 2 Fill in the missing months:

Tlatša dikgwedi tšeo di tlogetšwego:

a _____ is the last month of the year.

_____ ke kgwedi ya mafelelo ya ngwaga.

b Valentine's Day is in _____.

Letšatši la Valentine le tla ka _____.

c _____ is between April and June.

_____ e tla magareng ga Mopitlo le Ngwatobošego.

d _____ is the month after August.
_____ ke kgwedi yeo e tlogo ka morago ga Phato.

e October is the month before _____.
Diphalane ke kgwedi yeo e tlogo pele ga _____.

3 Write **true** or **false**:

Ngwala **nnete** goba **fošagetše**:

a Tuesday comes after Monday.
Labobedi le tla ka morago ga Mosupologo. _____

b Sunday is the first day of the weekend.
Sontaga ke letšatši la mathomo la mafelelo a beke. _____

c Friday is the last day of the school week.
Labohlano ke letšatši la mafelelo la beke ya sekolo. _____

d Wednesday is between Monday and Tuesday.
Laboraro le tla magareng ga Mosupologo le Labobedi. _____

e Saturday comes before Sunday.
Mokibelo o tla pele ga Sontaga. _____

Written Assessment Lesson 39

Kelo ya go Ngwalwa Thuto ya 39

1 Solve the following:

Rarolla tše di latelago:

a ●●●●●●●●●●

How many groups of 2 can you make from 10?

Na o ka dira dihlopha tše kae tša 2 go tšwa go 10? _____

b ●●●●●●●●●●●●●●●●

How many groups of 4 can you make from 16?

Na o ka dira dihlopha tše kae tša 4 go tšwa go 16? _____

2 Share 12 counters – make a drawing of what you do:

Aba dibaledi tše 12 – dira sethalwa sa seo o se dirago:

○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○

a among three learners

gare ga baithuti ba bararo

b among six learners

gare ga baithuti ba ba tshelelago

3 Answer the following:

Araba tše di latelago:

a ★★ ★★ ★★ ★★ ★★ ★★

There are _____ stars. Half of the stars is _____

Gro na le dinaledi tše _____. Seripa sa dinaledi ke _____



There are _____ pencils. Half of the pencils is _____

Go na le diphentshele tše _____. Seripa sa diphentshele ke _____.

4 Draw a picture to solve the problems:

Thala seswantšho go rarolla marara:

- a Mpho has 15 flowers. She puts 5 flowers in each bunch. How many bunches will she make?

Mpho o na le matšoba a 15. O bea matšoba a 5 sehlopheng se sengwe le se sengwe. Na o tla dira dihlopha tše kae?

- b There are 4 apples. Share the apples between Thabo and Ben. How many apples will they each get?

Go na le diapole tše 4. A ba diapole magareng ga Thabo le Ben. Na yo mongwe le yo mongwe o tla hwetša diapole tše kae?

