

**MATHEMATICS**

**Grade 1**

**English/  
Tshivenda**

**Teacher's  
Resource  
Pack**

**2020 TERM 1**



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# 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.*

*Hoyu ndi mutevhe wa zwiko zwa mbalo zwine vha do zwi shumisa kha themo ino. Vha tea u vha na vhuṭanzi uri vha nazwo vha tshi itela ngudo dze zwa themendelelwa dzone.*

1	Dice printable	2
1.	Zwiganḡdiswa zwa madaisi	2
2	Position vocabulary cards	3
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### RESOURCES FOR EACH DAY OF TEACHING

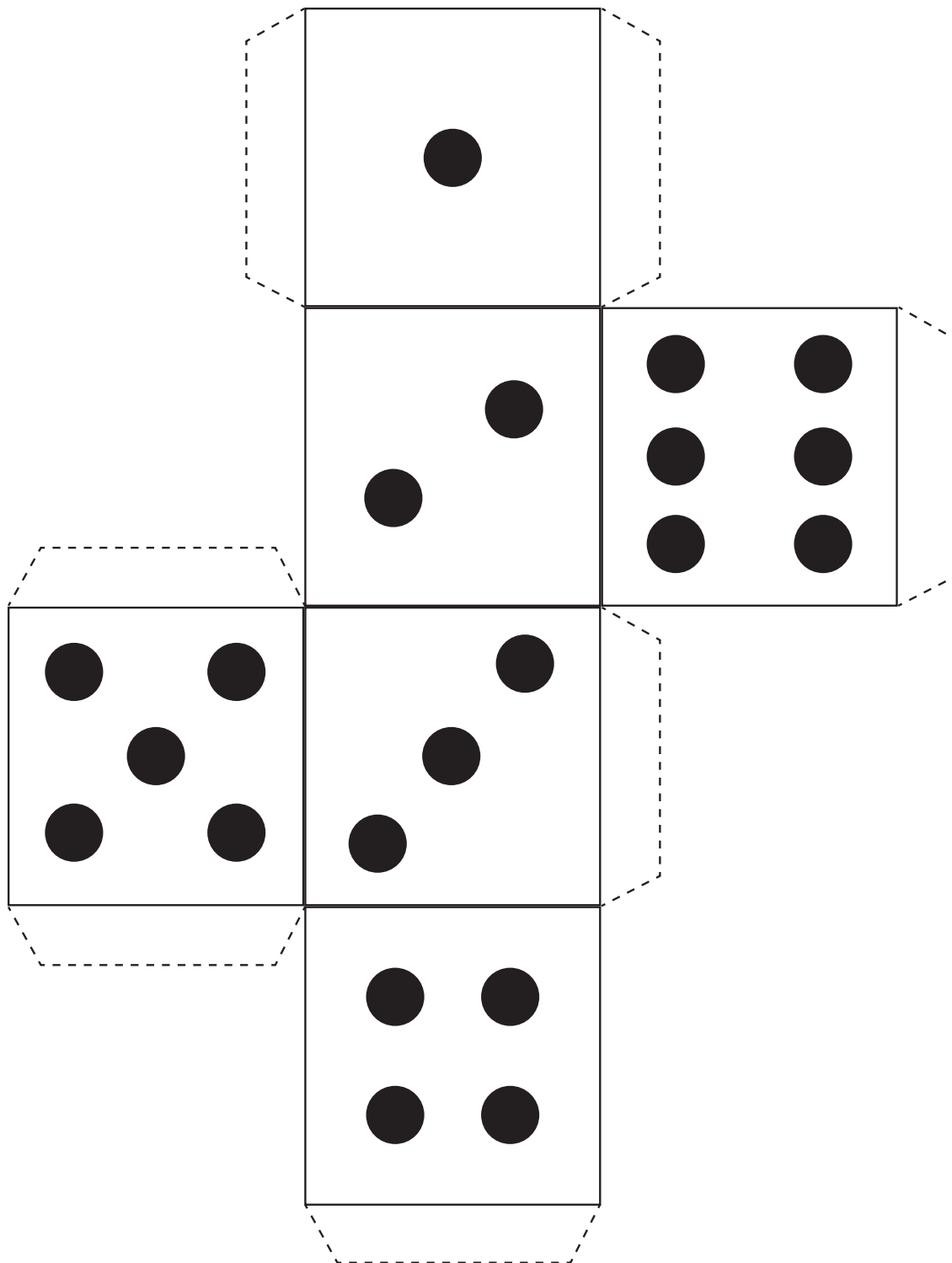
There are also other resources such as informal resources (old magazines, pieces of string, scrap paper, etc.) that you may need in certain lessons. You should have a careful look at the list of resources needed for each lesson; this list is given in the lesson plans each day. Prepare yourself, so that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

### ZWIKO ZWA U FUNZA ZWA ḡUVHA NGA ḡUVHA

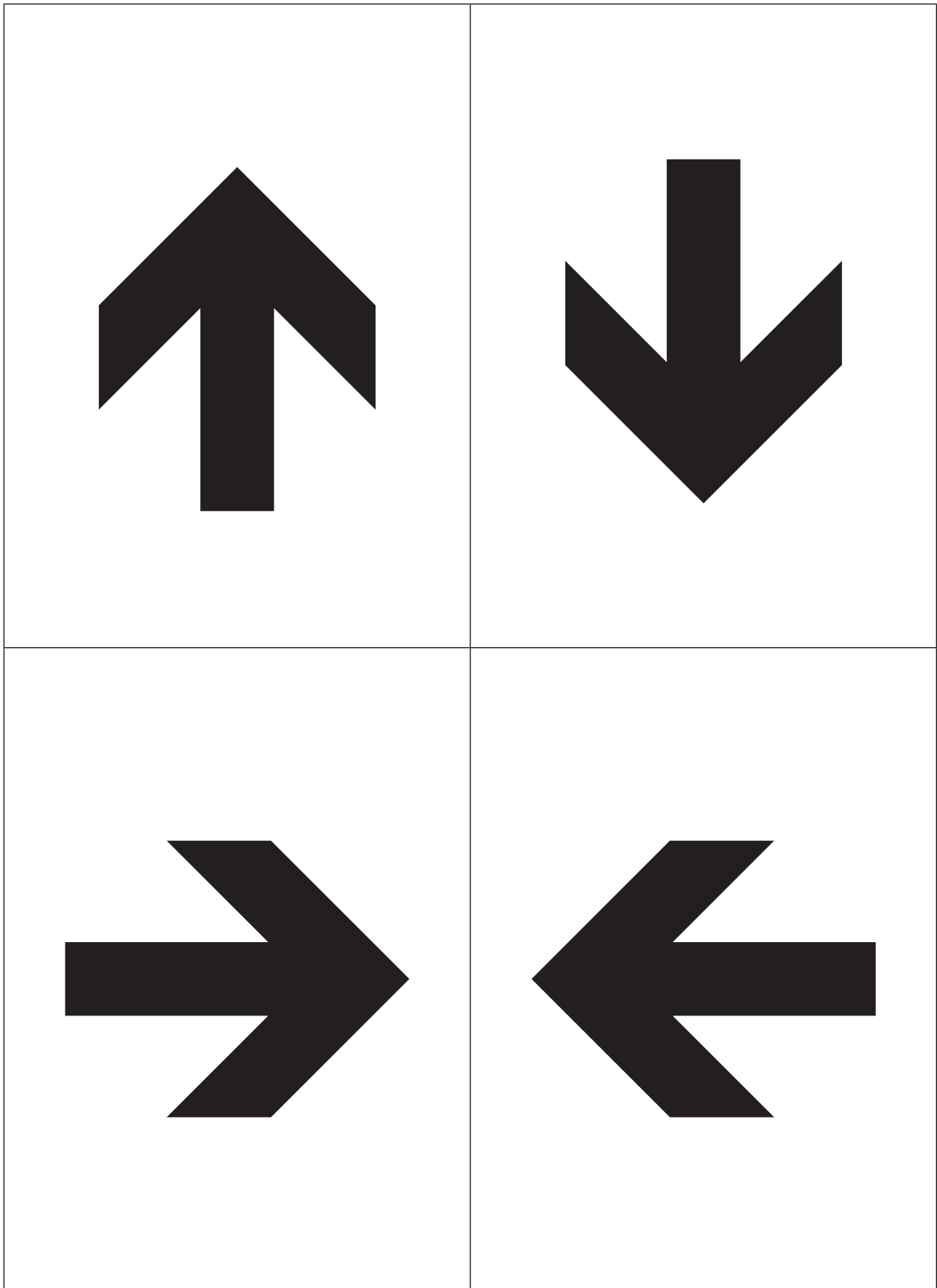
Hu na zwiko zwiḡwevho zwi no nga zwiko zwi si zwa fomaḡa (magazini ya kale, zwipiḡa zwa vhuṭambo/miḡali, mabambiri o no shumiswaho, nz.) zwine vha nga zwi shumisa kha dziḡwe dza ngudo. Vha tea u sedza mutevhe wa zwiko nga vhuronwane une wa do shumiswa kha ngudo iḡwe na iḡwe; mutevhe uyu u sumbedzwa kha pulane ya ngudo ya ḡuvha ḡiḡwe na ḡiḡwe. Kha vha ḡilugise, uri ḡuvha ḡiḡwe na ḡiḡwe vha vhe vhe na zwiko zwo teaho ngudo.

# I Dice printable (Week 1 baseline assessment activity 7)

Idayisi eliphrintekayo (Isonto l ukuhlola isisekelo umsebenzi 7)



## 2 Arrow cards (Lesson 2)



### 3 Position vocabulary cards (lesson 3)

above

below



in front  
of

behind

to the  
left of

to the  
right of

next to

### 3 Garaṭa dza ḍivhamaipfi a vhuimo (Ngudo ya 3)

ṇṭha

fhasi

phanda  
ha

murahu  
ha

kha tsha  
monde  
tsha

kha tsha  
u la tsha

tsini na

#### 4 Number and number name cards English (lesson 6 and other)

0	zero
1	one
2	two
3	three
4	four
5	five



- 4 Garaṭa dza nomboro na dzinambalo Tshivenda (Ngudo ya 6 na dziṅwe)

0	pumu
1	thihi
2	mbili
3	raru
4	iṅa
5	ṭhanu

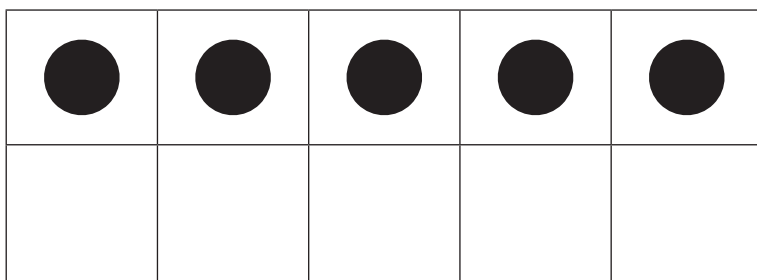
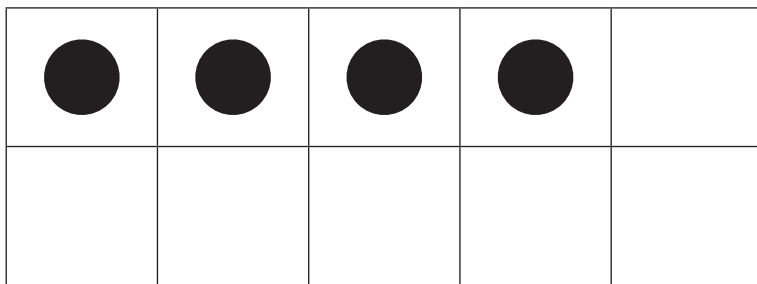
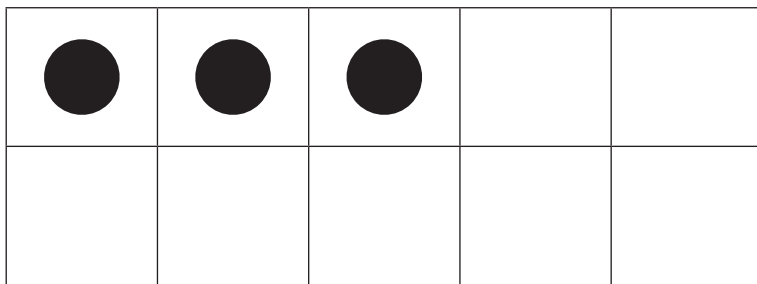
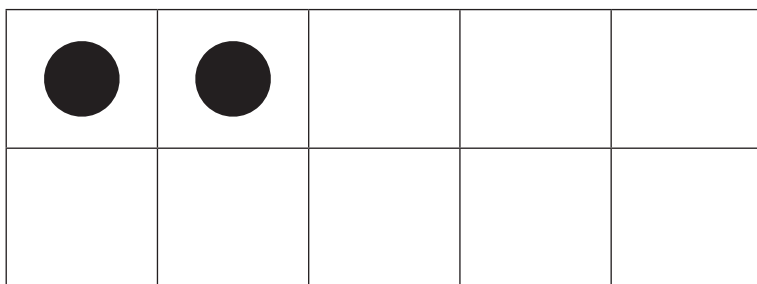
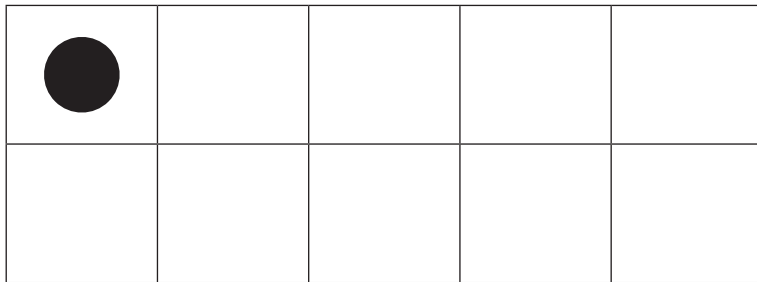
4 Number and number name cards English (lesson 6 and other)

6	six
7	seven
8	eight
9	nine
10	ten

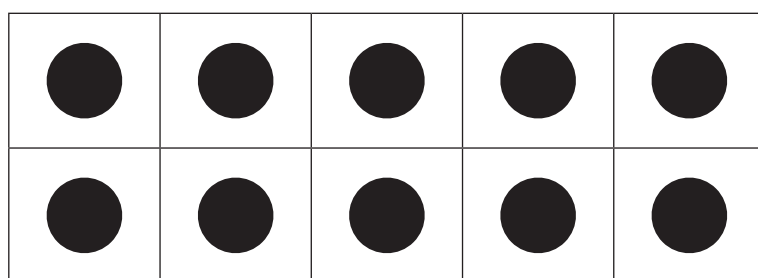
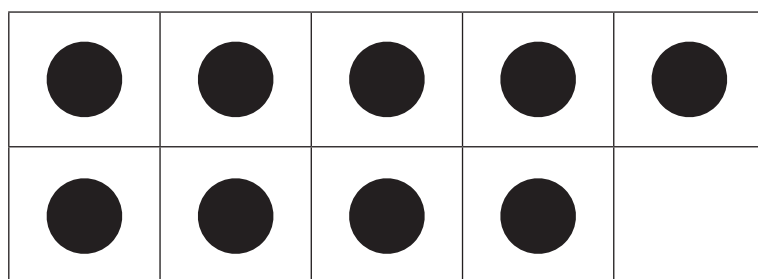
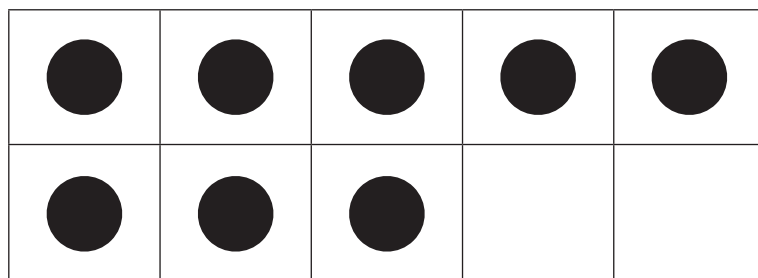
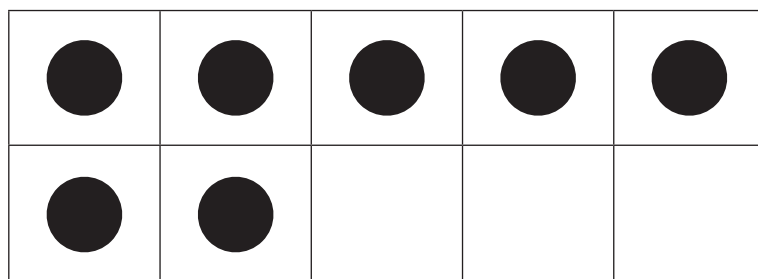
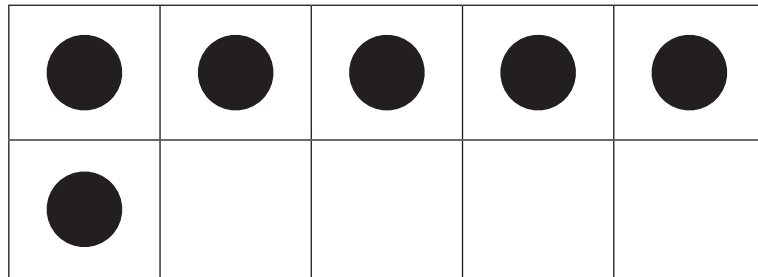
4 Garaṭa dza nomboro na dzinambalo (Ngudo 14 na dziṅwe)

6	rathi
7	sumbe
8	malo
9	ṭahe
10	fumi

## 5 Number picture cards (ten frame cards) (Lesson 23 and others)



## 5 Number picture cards (ten frame cards) (Lesson 23 and others)



## 6 Number cut outs

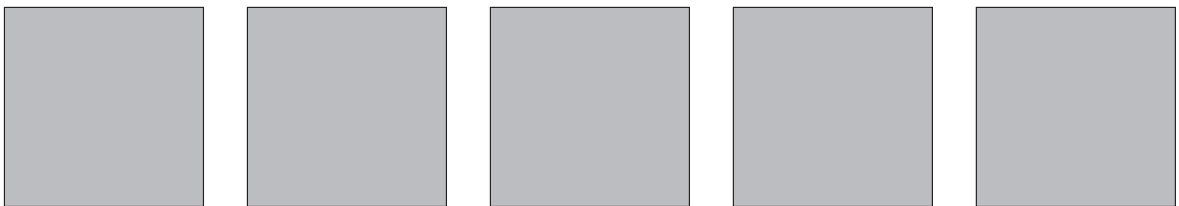
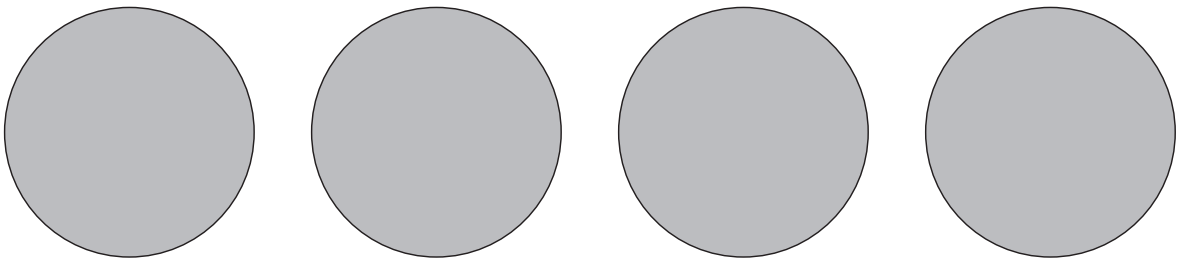
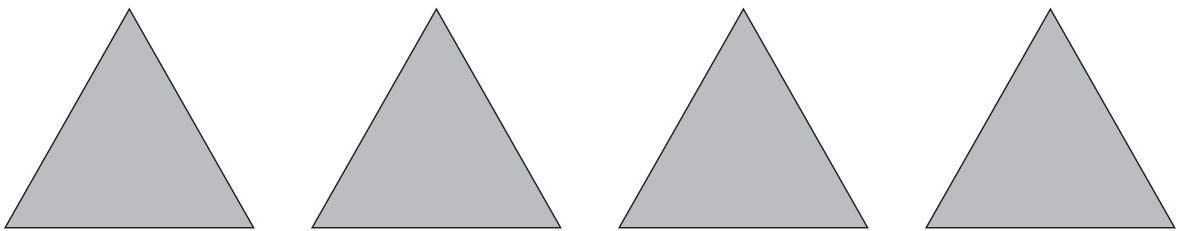
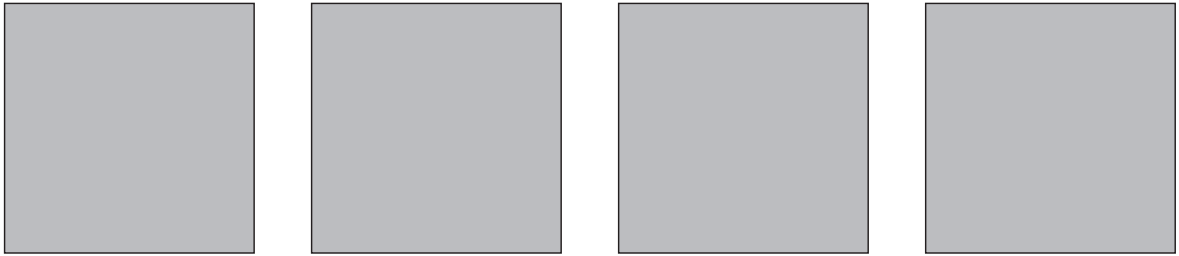
1	2	3	4	5	6	7	8	9	10
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1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10

## 7 Shape cut-outs (Lesson 43 and 48)



## Written Assessments

Grade	
Subject	Maths
Week	
Lesson	
1. Learning	I understand
2. Success Criteria	a) I can  b) I can  c) I can
3. Oral Dialogue	
4. Written	
5. Homework	
6. Assessment	



## Reflection Template

Reflection

Unit \_\_\_\_\_

Think about and make a note of: What went well? What did not go well? What did the learners find difficult or easy to understand or do? What will you do to support or extend learners? Did you complete all the work set for the unit? If not, how will you get back on track?

What will you change next time? Why?

## Reflection Template

Reflection

Unit \_\_\_\_\_

Think about and make a note of: What went well? What did not go well? What did the learners find difficult or easy to understand or do? What will you do to support or extend learners? Did you complete all the work set for the unit? If not, how will you get back on track?

What will you change next time? Why?

## Term I Assessment Plan

The assessment for the term is designed into the lesson plans. Oral, practical and written assessment activities sequenced into the plans and located in the numbered lesson sequence.

U linga ha themo iyi ho dizainiwa nga ngomu ha pulane dza u linga. Nyito dza u linga dza oraḽa, dza phurathikhaḽa (mishumoita) na dza u tou ṅwala dzo dubekanyiwa kha pulane idzi dza avhiwa dzi kha mutevhe wa ngudo dzo nomboriwaho.

The assessment that will be found in the lesson plans is the following:  
U linga hu no ḽo wanala kha pulane dza ngudo ndi dzi tevhelaho:

1. Week 2 - Lesson 7  
Vhege ya 2 – Ngudo ya 7
  - a. Written: Number concept (10 marks)  
U ṅwala: Mihumbulo ya nomboro (maraga dza 10)
  - b. Practical: Position and direction (7 marks)  
Phurathikhaḽa: Vhuimo na masia/mabuḽo (maraga dza 7)
2. Week 4 - Lesson 16  
Vhege ya 4 – Ngudo ya 16
  - a. Written: Numbers 1 to 5 (18 marks)  
U ṅwala: Nomboro 1 u swika kha 5 (maraga dza 18)
  - b. Oral: Counting numbers (7 marks)  
Oraḽa: U vhalala nomboro (maraga dza 7)
3. Week 5 - Lesson 21  
Vhege ya 5 – Ngudo ya 21
  - a. Written: Addition (15 marks)  
U ṅwala: Muḽanganyo (maraga dza 15)
4. Week 6 - Lesson 27  
Vhege ya 6 – Ngudo ya 27
  - a. Written: Bonds (15 marks)  
U ṅwala: Mbumbanomboro (maraga dza 15)
5. Week 7 - Lesson 34  
Vhege ya 7 – Ngudo ya 34
  - a. Written: Number lines and operations (17 marks)  
U ṅwala: Mitalombalo (maraga dza 17)
  - b. Oral: Number patterns (7 marks)  
Oraḽa: Phetheni dza nomboro (maraga dza 7)

6. Week 8 - Lesson 38  
Vhege ya 8 – Ngudo ya 38
  - a. Written: Ordinal numbers (18 marks)  
U n̄wala: Nomborothevhekani (maraga dza 18)
  
7. Week 9 - Lesson 44  
Vhege ya 9 – Ngudo ya 44
  - a. Written: Space and shape (12 marks)  
U n̄wala: Zwickhala na zwivhumbeo (maraga dza 12)
  - b. Practical: Space and shape (7 marks)  
Phurathikhaḽa: tshikhala na tshivhumbeo (maraga dza 7)
  
8. Week 10 - Lesson 48  
Vhege ya 10 – Ngudo ya 48
  - a. Written: Geometric patterns (19 marks)  
U n̄wala: Phetheni dza dzhiomeḽiri (maraga dza 19)

The mark sheet on the following page can be used to record the marks achieved by learners for the various assessment activities throughout the term and to calculate the final marks to be entered into SA SAMS for the Term 1 Assessment Task.

Bambiri ḽa maraga ḽi re kha siaḽari ḽi tevhelaho ḽi nga shumiswa kha u rekhoda maraga dze dza waniwa nga vhagudi kha nyito dza u linga dzo fhambanaho hoḽhe kha themo iyi khathihi na u rekanya maraga dza u khunyeledza, dzine dza tea u dzheniswa kha SA SAMS, dzi dza Mushumo wa U linga wa Themo ya I.

GRADE 1 MATHEMATICS TERM 1: Marksheet/ GIREIDI YA IMBALO DZA THEMO YA I: Bambiri ̣a maraga					
TASK/TOPIC/ COMPONENT	MUSHUMO/ THERO/ TSHIPIDA	Week/ Vhege	(Out of) marks (Kha) maraga dza	LEARNER NAME AND SURNAME DZINA ̣A MUGUDI NA TSHIFANI	
Term Total/ Tshivhalogute tsha Themo					
TOTAL FOR SPACE AND SHAPE/ TSHIVHALOGUTE TSHA ZWA TSHIKHALA NA TSHIVHUMBEO			26		
Space and shape: Practical/ Tshikhala na tshivhumbeco: Phurathikhala		9	7		
Space and shape: Written/ Tshikhala na tshivhumbeco: U hwal		9	12		
Space and shape: Practical/ Tshikhala na tshivhumbeco: Phurathikhala		2	7		
TOTAL FOR PATTERNS/ TSHIVHALOGUTE TSHA ZWA PHETHENTI			26		
Patterns: Written/ Zwa phetheni: U hwal		10	19		
Patterns: Oral/ Zwa phetheni: Ora ̣a		7	7		
TOTAL FOR NUMBER/ TSHIVHALOGUTE TSHA ZWA NOMBORO			100		
Number: Written/ Zwa nomboro: U hwal		8	18		
Number: Written/ Zwa nomboro: U hwal		7	17		
Number: Written/ Zwa nomboro: U hwal		6	15		
Number: Written/ Zwa nomboro: U hwal		5	15		
Number: Oral		4	7		
Number: Written/ Zwa nomboro: U hwal		4	7		
Number: Written/ Zwa nomboro: U hwal		4	18		
Number: Written/ Zwa nomboro: U hwal		2	10		

# Written Assessments

## Written Assessment Lesson 7

### U linga ha u n'wala Ngudo ya 7

Colour as many ○ as the number of pictures.

Khalarani ○ zwa tshivhalo tshi no lingana na tsha zwifanyiso.



# Written Assessment Lesson 16

## U linga ha u n'wala Ngudo ya 16

I Match the pictures to the number of coloured dots by drawing a line.

Livhanyani zwifanyiso na tshivhalo tsha zwithoma zwe zwa kha\ariwa ni tshi shumisa mutalo.

- 2 Match the number symbols to the number of coloured dots by drawing a line.

Livhanyani zwiga zwa nomboro na tshivhalo tsha zwithoma zwe zwa khalariwa ni tshi shumisa mutalo.

- 3 Write the numbers from smallest to biggest.

Nwalani nomboro u thoma kha tshukhusesa u ya kha khulwanesa

5, 3, 4	(3, 4, 5)
3, 1, 2	(1, 2, 3)
4, 3, 2	(2, 3, 4)
5, 1, 3	(1, 3, 5)
4, 1, 2	(1, 2, 4)


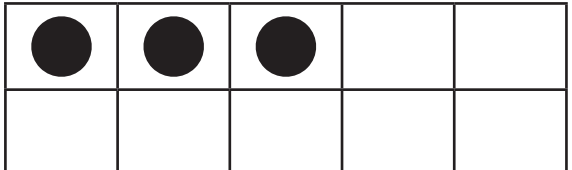
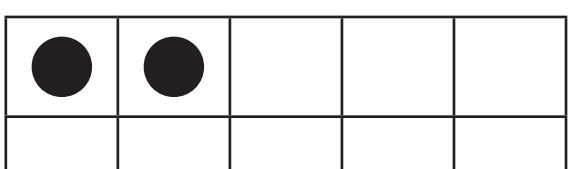
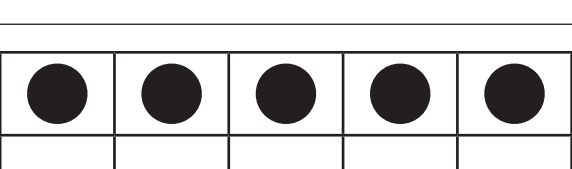
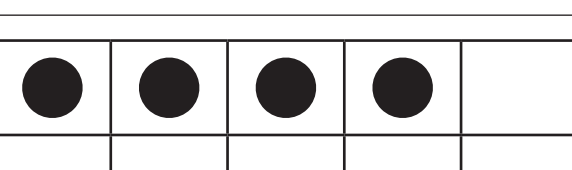


## Written Assessment Lesson 21

### U linga ha u n'wala Ngudo ya 21

- 1 Draw dots in the ten frame to show the number.

Olani zwithoma kha fureme ya mahumi ni tshi sumbedza nomboro.

	1	and na	make dzi ita	9
	3	and na	make dzi ita	6
	2	and na	make dzi ita	10
	5	and na	make dzi ita	8
	4	and na	make dzi ita	7

2 Match the number name and the number symbol by drawing a line.

7
10
8
6
9

nine
six
ten
eight
seven

2 Livhanyani dzinambalo na tshiga tsha nomboro ni tshi shumisa mutalo.

7
10
8
6
9

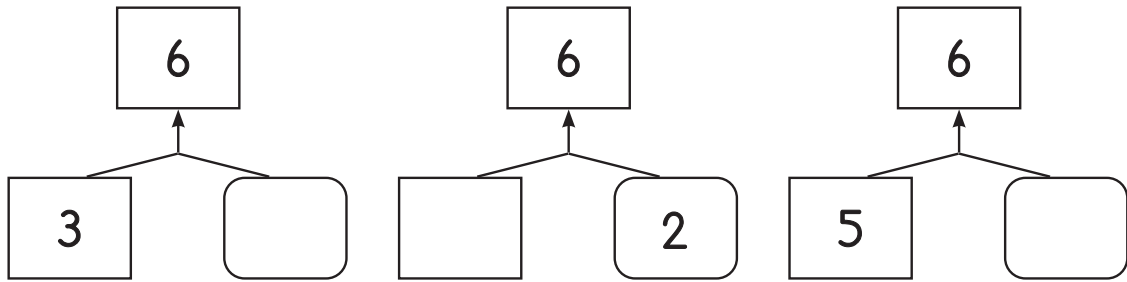
ṭahe
rathi
fumi
malo
sumbe

## Written Assessment Lesson 27

### U linga ha u n'wala Ngudo ya 27

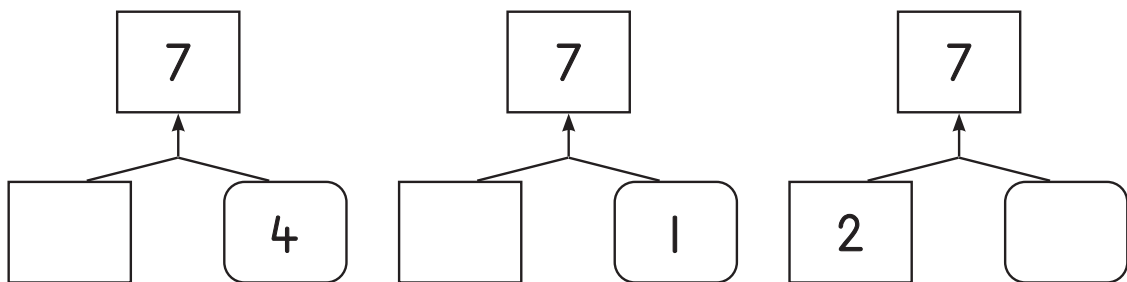
- 1 Fill in the missing numbers to make 6.

N'walani nomboro dzi no khou t'ahela uri ni vhumbe 6.



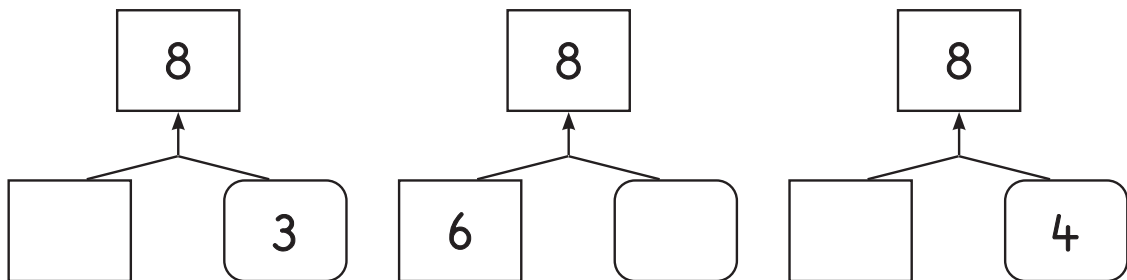
- 2 Fill in the missing numbers to make 7.

N'walani nomboro dzi no khou t'ahela uri ni vhumbe 7.



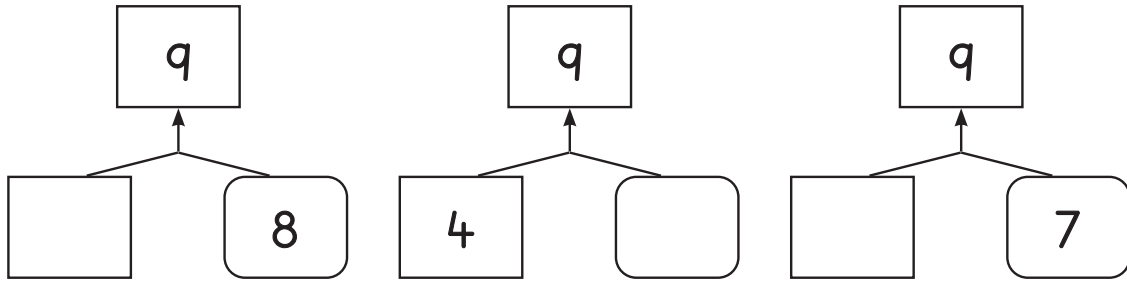
- 3 Fill in the missing numbers to make 8.

N'walani nomboro dzi no khou t'ahela uri ni vhumbe 8.



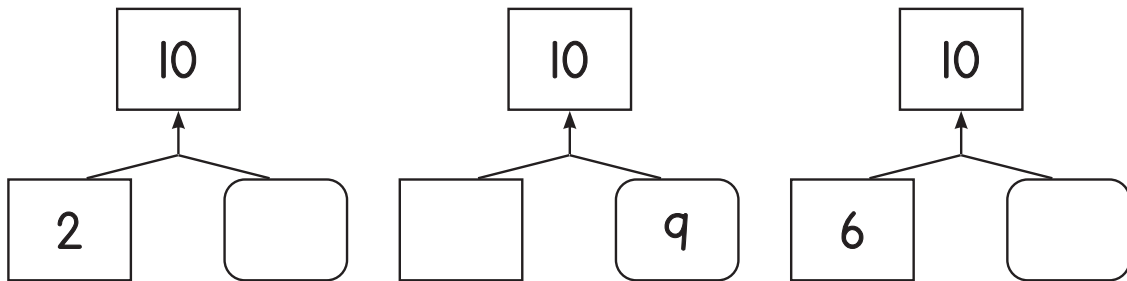
4 Fill in the missing numbers to make 9.

Ñwalani nomboro dzi no khou ðahela uri ni vhumbe 9.



5 Fill in the missing numbers to make 10.

Ñwalani nomboro dzi no khou ðahela uri ni vhumbe 10.



Enrichment:

Muengedzedzo

<p>Mulaðedzi u na maapula a 3. U wana mañwe maapula a 4. Mulaðedzi u na maapula mangana zwino?</p>	<p>Velangesihle has 3 apples. He gets 4 more apples. How many apples does Velangesihle have now?</p>
--	--

## Written Assessment Lesson 34

### U linga ha u n'wala Ngudo ya 34

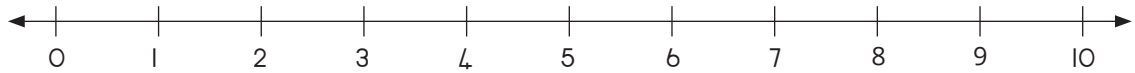
1 Draw hops on a number line to show the following:

Olani mithamuwo kha mutalombalo ni tshi sumbedza zwi tevhelaho:

a 4, 6, 8



b 2, 4, 6



2 Write the numbers from biggest to smallest.

N'walani nomboro u thoma kha khulwanesesa u ya kha tshukhusesa.

a	10, 1, 7	_____, _____, _____
b	5, 3, 6	_____, _____, _____
c	4, 0, 10	_____, _____, _____

3 Fill in the missing numbers.

Ñwalani nomboro dzi no khou t̄ahela.

a

3	2

b

9	
	5

c

10	
1	

d

2	4

e

8	
8	

f

7	
	2

g

6	3

h

10	
	0

i

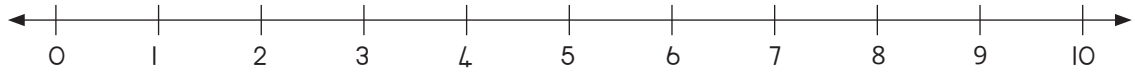
7	
6	

j

6	2

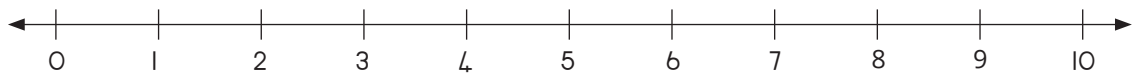
- 4 Circle the number that is 4 less than 9.

Tangedzelani nomboro ine ya vha ṭhukhu kha 9 nga 4.



- 5 Circle the number that is 5 more than 2.

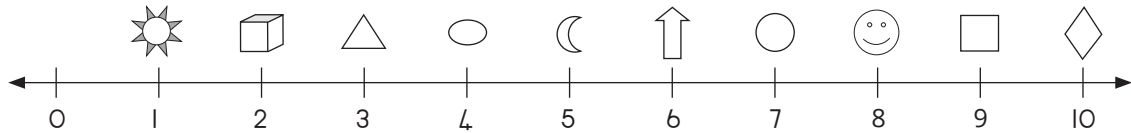
Tangedzelani nomboro ine ya vha khulwane kha 2 nga 5.



## Written Assessment Lesson 38

















### Ulinga ha u riwala Ngudo ya 38

- I Look at the number line and answer the following. Start on the left.  
Lavhelesani mutalombalo ni fhindule zwi tevhelaho. Thomani kha tsha monde.



Circle the correct answer.

Tangedzelani phindulo yone.

Which is second? Ndi tshifhio tshi re tsha vuvhili?			Which is ninth? Ndi tshifhio tshi re tsha vhuṭahe?		
Which is last? Ndi tshifhio tshi re tsha u fhedza?			Which is fourth? Ndi tshifhio tshi re tsha vhuṇa?		
Which is sixth? Ndi tshifhio tshi re tsha vhurathi?			Which is eighth? Ndi tshifhio tshi re tsha vhumalo?		
Which is seventh? Ndi tshifhio tshi re tsha vhusumbe?			Which is first? Ndi tshifhio tshi re tsha u thoma?		
Which is fifth? Ndi tshifhio tshi re tsha vhuṭanu?			Which is third? Ndi tshifhio tshi re tsha vhuraru?		



2 Colour the correct circle or circles.

Khalarani tshitenedzedzi tshone kana zwitenedzedzi zwone:

- a The third circle from the right.  
Tshitenedzedzi tsha vhuraru u bva kha tsha u la.
- b Three circles from the right.  
Zwitenedzedzi zwiraru u bva kha tsha u la.
- c The fourth circle from the left.  
Tshitenedzedzi tsha vhuṅa u bva kha tsha monde.
- d Four circles from the left.  
Zwitenedzedzi zwiṅa u bva kha tsha monde
- e Five circles from the bottom.  
Zwitenedzedzi zwiraru u bva fhasi.
- f The fifth circle from the bottom.  
Tshitenedzedzi tsha vhuṭanu u bva fhasi.
- g Two circles from the top.  
Zwitenedzedzi zwivhili u bva nṭha.
- h The second circle from the top.  
Tshitenedzedzi tsha vhuvhili u bva nṭha.

<b>a</b>	○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○
<b>b</b>	○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○
<b>c</b>	○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○
<b>d</b>	○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○

e	f	g	h
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○

## Written Assessment Lesson 44

### Ulinga ha u n'wala Ngudo ya 44

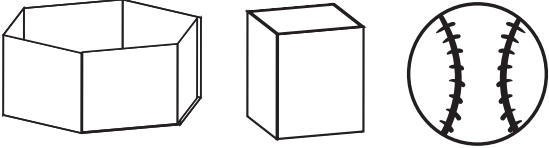

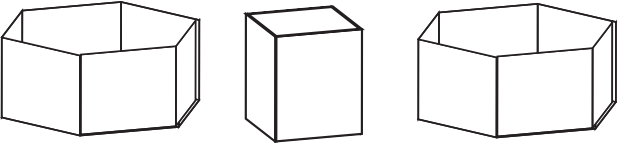

1 Draw the objects.

Olani zwithu

<p>Draw a ball. Olani bola.</p>	
<p>Draw a box. Olani tshibogisi.</p>	

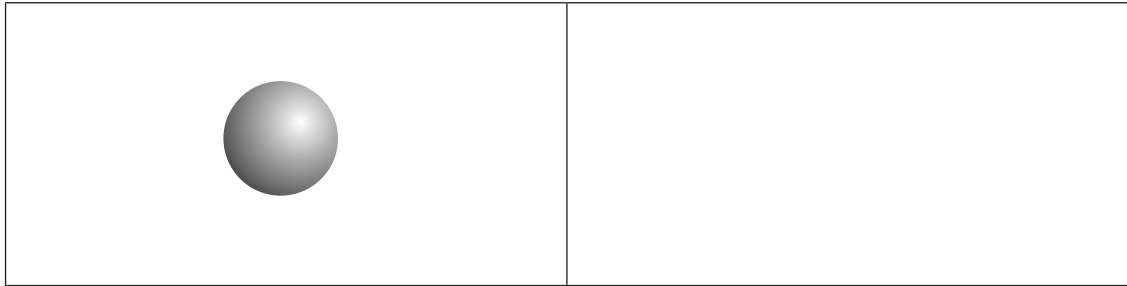
2 Can you build a tower with all these objects? Write yes or no.

Ni nga kona u fhaṭa thawara nga izwi zwithu zwoṭhe? N'walani ee kana hai.

a		
b		
c		
d		

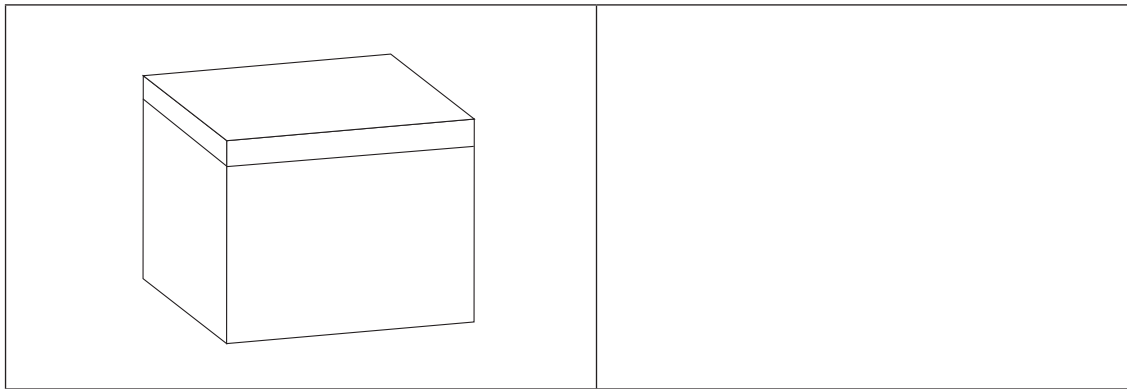
3 Draw a ball that is bigger.

Olani bola i re khulwane.




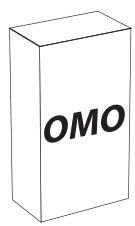
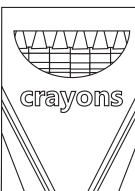

4 Draw a box that is smaller.

Olani tshibogisi tshi re tshiṭuku.



5 Can these objects slide or roll? Circle the correct word.

Izwi zwithu zwi ḡo kunguluwa kana u swenda? Tangedzelani phindulo yone.

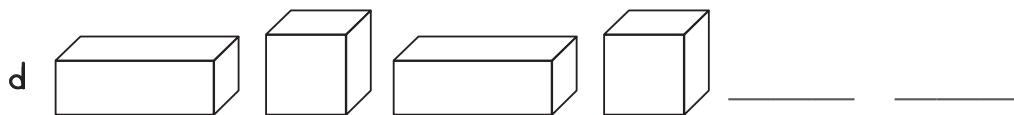
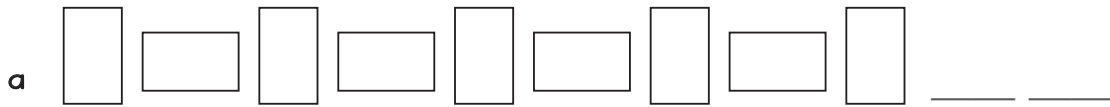
	<p>slide/roll swenda/ kunguluwa</p>
	<p>slide/roll swenda/ kunguluwa</p>
	<p>slide/roll swenda/ kunguluwa</p>
	<p>slide/roll swenda/ kunguluwa</p>

# Written Assessment Lesson 49

## U linga ha u riwala Ngudo ya 49

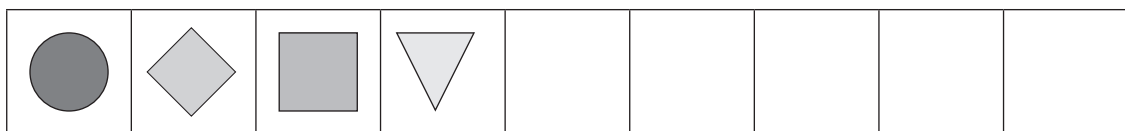
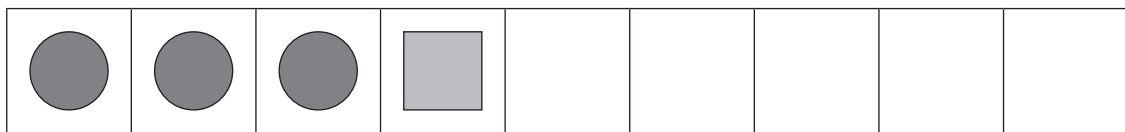
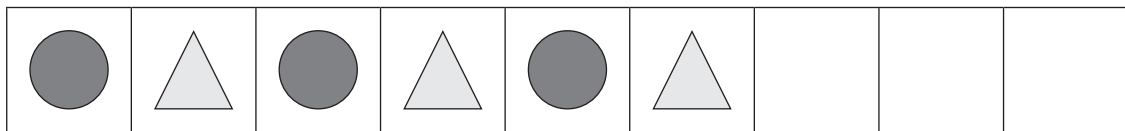
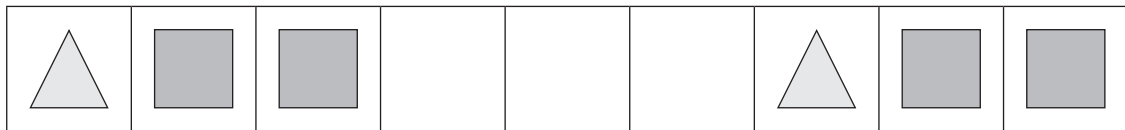
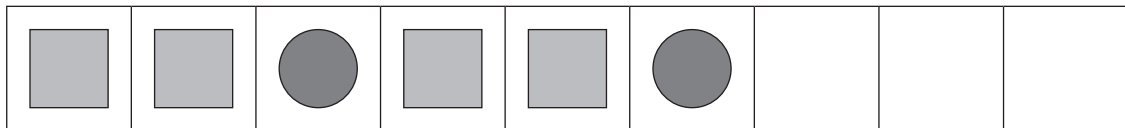
1 Extend the pattern.

Engedzani phetheni.



2 Complete the patterns.

Fhedzisa phetheni



- 3 Count the shapes that are the same.  
 Vhalani zwivhumbeo zwine zwa fana.
