

GRADE 1

TERM 1 2019

MATHEMATICS

ENGLISH /

SETSWANA

RESOURCE PACK

PRINTABLE RESOURCES

The following printable resources are included in this section:

1. Resource sheets
2. Mental mathematics challenge cards: Bilingual version
3. Enrichment activity cards: English version
4. Enrichment activity cards: Setswana version

1. Resource Sheets

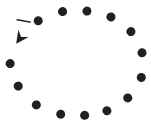

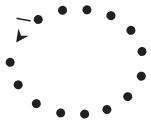

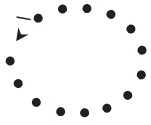

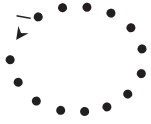

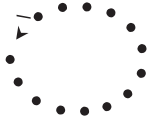

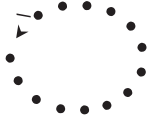

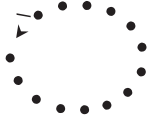

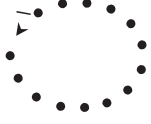

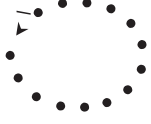

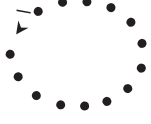



This is a list of the mathematical resources that you will need this term. You need to make sure that you have them for the lessons for which they are recommended.

1. Number tracing cards – numbers 0 and 1 (Lesson 1)
2. Number tracing cards – numbers 2 and 3 (Lessons 2 and 3)
3. Number tracing cards – numbers 4 and 5 (Lessons 6 and 7)
4. Number and number name cards (0–5) English (Lessons 1–8 and other)
5. Number and number name cards (6–10) English (Lesson 18 and other)
6. Number and number name cards (11–15) English (Lessons 20 and other)
7. Number and number name cards (16–20) English (Lessons 22 and other)
8. Number picture cards (Lesson 19)
9. Number boards (several lessons)
10. Number lines (several lessons)










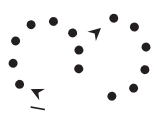












Resources for each day of teaching

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.

1. Dikaratapalo tsa dipalo (Thuto 1)

2. Dikaratapatlo tsa dipalo (Thuto 2-3)

4. Dipalo tsa dikarata tsa mainapalo (Thuto 1- 8 le tse dirileng)

0	lefela	
1	nngwe	●
2	pedi	● ●
3	tharo	● ● ●
4	nne	● ● ● ●
5	tlhano	● ● ● ● ●

5. Dipalo tsa dikarata tsa mainapalo (Thuto 22 le tse dirileng)

6	thataro
7	supa
8	robedi
9	robongwe
10	lesome

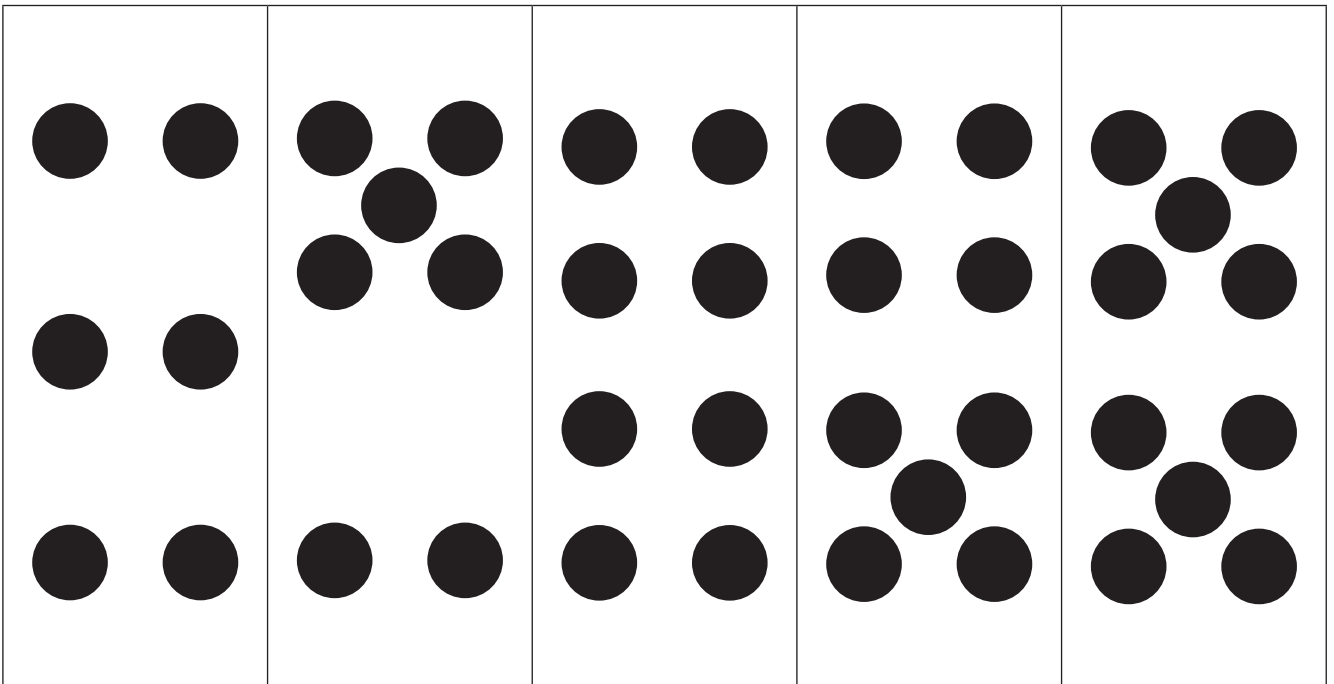
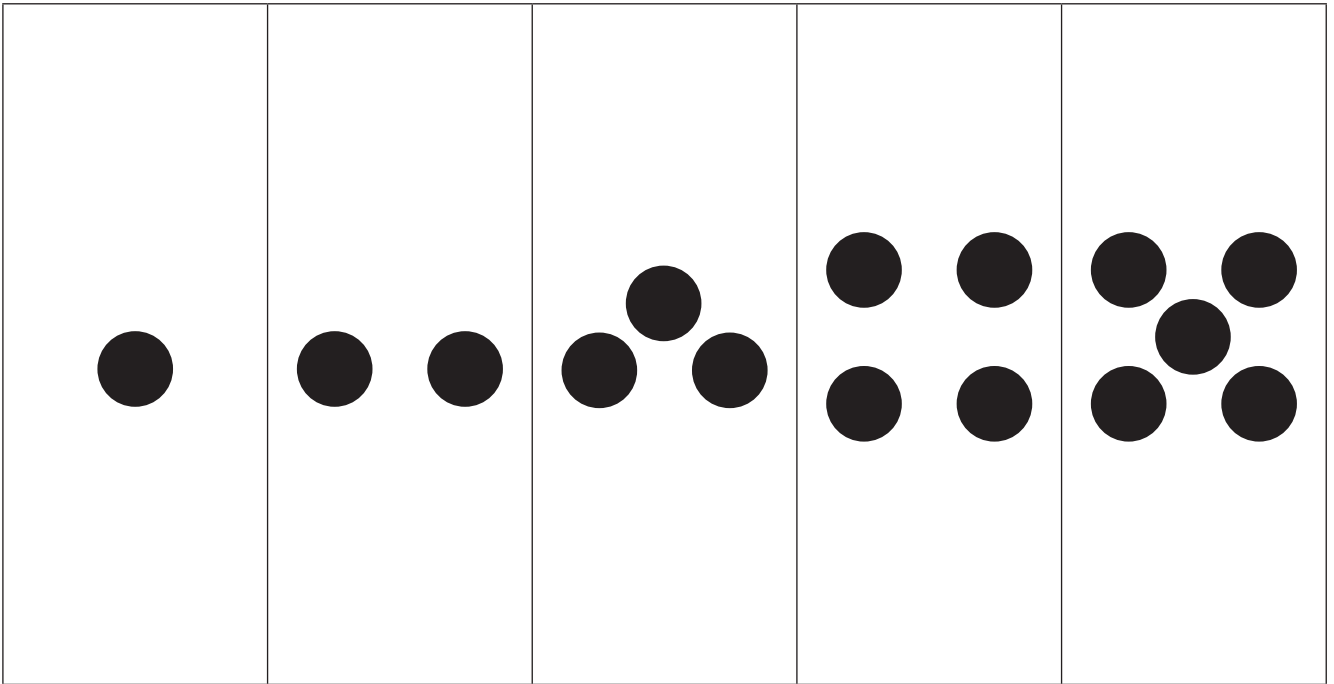
6. Dipalo tsa dikarata tsa mainapalo (Thuto 23 le tse dirileng)

11	lesomenngwe
12	lesomepedi
13	lesometharo
14	lesomenne
15	lesolmetlhano

7. Dipalo tsa dikarata tsa mainapalo (Thuto 24 le tse dirileng)

16	lesomethataro
17	lesomesupa
18	lesomerobedi
19	lesomerobongwe
20	masomeamabedi

8. Dikaratatshwantsho tsa dipalo (Thuto 36)



9. Dikarata tse dipalo - di dirisiwa ka bophara kgotsa ka boleele (Thuto 12, 13, 16, 18, 29, 31)

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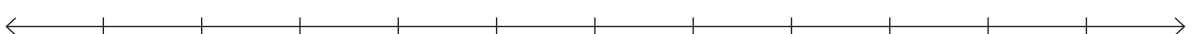
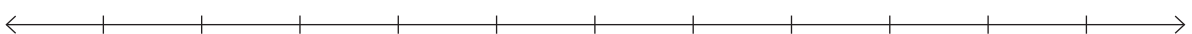
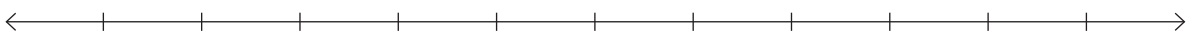
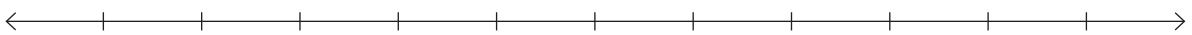
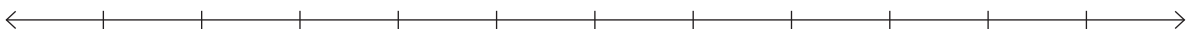
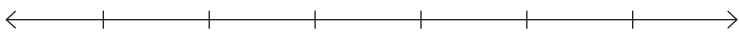
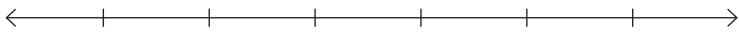
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10. Melapalo 0-5 le 1-10 (Thuto 11, 12, 16, 17, 30, 31)



2. Mental Mathematics Challenge Cards: Bilingual Version

Each term there will be a set of eight mental mathematics challenge cards. If you make them into cards and collect them over the course of the year, you will have a set of one card per teaching week for a year.

Use of the mental mathematics challenge cards

Once a week learners should do mental mathematics in written form, so that there is some record of your daily mental mathematics activities. You can use the **mental mathematics challenge cards** for this purpose.

Learners should not use concrete material to work out the answers in mental mathematics. If learners need to, let them use their fingers as a concrete aid during mental mathematics, but make a note of who they are and then spend time with them during remediation to help them with the basic number and operation skills. Mental mathematics skills improve hugely from Grade 1 to Grade 3. In Grade 1 learners might only manage five questions, especially when they have to write the answers, but by Grade 3 learners should manage ten questions with written answers easily.

Maths Challenge Card 1

What number comes after?

Karata 1 ya Kgwetlho ya Matesisi 1

Ke palo efe e e tlang morago ga?

1. 0
2. 1
3. 2
4. 3
5. 4
6. 3
7. 1
8. 2
9. 4
10. 0

Maths Challenge Card 2

What number comes before?

Karata 1 ya Kgwetlho ya Matesisi 2

Ke palo efe e e tlang pele ga?

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

Maths Challenge Card 3

Count

Karata 1 ya Kgwetlho ya Matesisi 3

Bala

1. 0, 1, __, __
2. 1, 2, __, __
3. 3, 4, __
4. 2, 3, __, __
5. 0, __, __, 3
6. 2, __, __, 5
7. 5, 4, __, __, 1
8. 4, __, __, 1
9. 2, __, __, 5
10. __, __, 4, 5

Maths Challenge Card 4

Order from smallest to biggest

Karata 1 ya Kgwetlho ya Matesisi 4

Rulaganya go tloga ka e nnyenye go fitlha ka e kgolokgolo

1. 3, 1, 2
2. 5, 1, 2
3. 4, 1, 2
4. 0, 2, 1
5. 2, 4, 3
6. 5, 4, 3
7. 5, 1, 3
8. 4, 2, 3
9. 4, 2, 5
10. 5, 3, 1

Maths Challenge Card 1: Answers

What number comes after?

Karata 1 ya Kgwetlho ya Matesisi: Dikarabo

Ke palo efe e e tlang morago ga?

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

Maths Challenge Card 2: Answers

What number comes before?

Karata 2 ya Kgwetlho ya Matesisi: Dikarabo

Ke palo efe e e tlang pele ga?

1. 1
2. 3
3. 2
4. 4
5. 0
6. 3
7. 2
8. 0
9. 4
10. 1

Maths Challenge Card 3: Answers

Count

Karata 3 ya Kgwetlho ya Matesisi: Dikarabo

Bala

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

Maths Challenge Card 4: Answers

Order from smallest to biggest

Karata 4 ya Kgwetlho ya Matesisi: Dikarabo

Rulaganya go tloga ka e nnyenye go fitlha ka e kgolokgolo

1. 1, 2, 3
2. 1, 2, 5
3. 1, 2, 4
4. 0, 1, 2
5. 2, 3, 4
6. 3, 4, 5
7. 1, 3, 5
8. 2, 3, 4
9. 2, 4, 5
10. 1, 3, 5

Maths Challenge Card 5

Order from biggest to smallest

Karata 1 ya Kgwetlho ya Matesisi 5

Rulaganya go tloga ka e kgolokgolo go fitlha ka e nnyenye.

1. 3, 1, 2
2. 5, 1, 2
3. 4, 1, 2
4. 0, 2, 1
5. 2, 4, 3
6. 5, 4, 3
7. 1, 5, 3
8. 4, 2, 3
9. 4, 2, 5
10. 1, 3, 5

Maths Challenge Card 6

1 more than

Karata 1 ya Kgwetlho ya Matesisi 6

E kgolwane ka 1 mo go

1. $2 + 1 =$
2. $1 + 1 =$
3. $3 + 1 =$
4. $4 + 1 =$
5. $0 + 1 =$
6. $1 + 2 =$
7. $1 + 1 =$
8. $3 + 1 =$
9. $4 + 1 =$
10. $1 + 0 =$

Maths Challenge Card 7

2 more than

Karata 1 ya Kgwetlho ya Matesisi 7

E kgolwane ka 2 mo go

1. $1 + 2 =$
2. $2 + 2 =$
3. $3 + 2 =$
4. $4 + 2 =$
5. $5 + 2 =$
6. $2 + 1 =$
7. $2 + 2 =$
8. $2 + 4 =$
9. $2 + 3 =$
10. $2 + 5 =$

Maths Challenge Card 8

1 less than

Karata 1 ya Kgwetlho ya Matesisi 8

E nnyanenyana ka 1 mo go

1. $1 - 1 =$
2. $5 - 1 =$
3. $3 - 1 =$
4. $4 - 1 =$
5. $2 - 1 =$
6. $7 - 1 =$
7. $9 - 1 =$
8. $8 - 1 =$
9. $6 - 1 =$
10. $5 - 1 =$

Maths Challenge Card 5: Answers

Order from biggest to smallest

Karata 5 ya Kgwetlho ya Matesisi: Dikarabo

Rulaganya go tloga ka e kgolokgolo go fitlha ka e nnyenye

1. 3, 2, 1
2. 5, 2, 1
3. 4, 2, 1
4. 2, 1, 0
5. 4, 3, 2
6. 5, 4, 3
7. 5, 3, 1
8. 4, 3, 2
9. 5, 4, 2
10. 5, 3, 1

Maths Challenge Card 6: Answers

1 more than

Karata 6 ya Kgwetlho ya Matesisi: Dikarabo

E kgolwane ka 1 mo go

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

Maths Challenge Card 7: Answers

2 more than

Karata 7 ya Kgwetlho ya Matesisi: Dikarabo

E kgolwane ka 2 mo go

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

Maths Challenge Card 8: Answers

1 less than

Karata 8 ya Kgwetlho ya Matesisi: Dikarabo

E nnyanenyana ka 1 mo go

1. 0
2. 4
3. 2
4. 3
5. 1
6. 6
7. 8
8. 7
9. 5
10. 4

3. Enrichment Activity Cards: English version

Each term a set of new enrichment cards will be provided. You should retain this set, as they will not be reproduced each term.

Use of the enrichment activity cards

Optional as required.

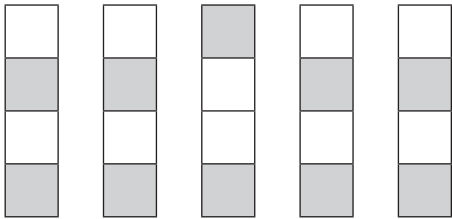
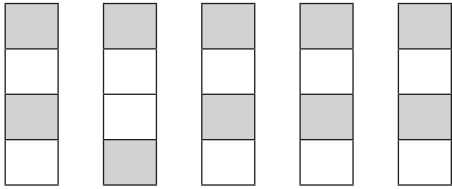
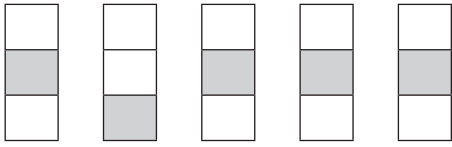
These cards include activities that you can use for enrichment opportunities for learners who have completed the lesson activities ahead of the rest of the class. Learners should work on these cards independently or with their peers who have also completed the classwork. You may need to explain some of the activities to the learners who use them. You should remind them to ask you questions about any of the enrichment activities that they are doing, so that you can guide them as necessary.

You should photocopy the enrichment cards, paste them onto cardboard and laminate them (if possible), so that they can be used as a resource, not only this year but in the future as well.

Put the cardboard laminated cards into a box in a set place in your classroom, so that learners know where to find them. These cards are for all learners and do not have to be used in a particular order. Learners should keep a record of the cards that they have done, so that they continue to choose a new card each time they go to the box. Learners must be taught to replace the cards in numeric order in the box, so that everyone who looks for cards can easily find the one they want to use.

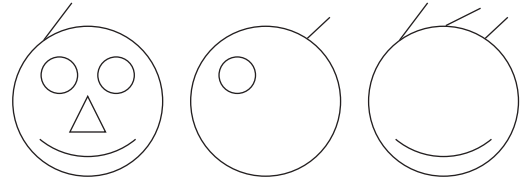
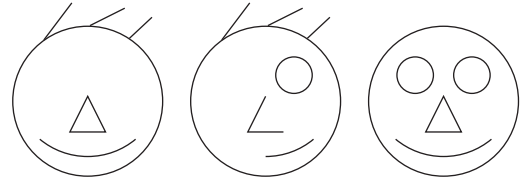
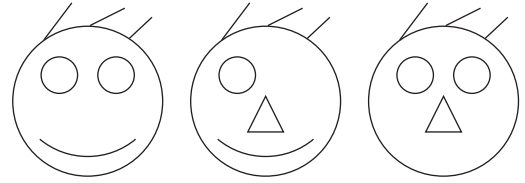
Enrichment Activity 1.1

Which one does not belong?



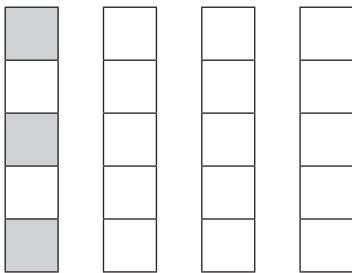
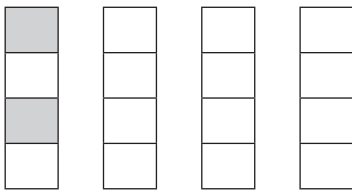
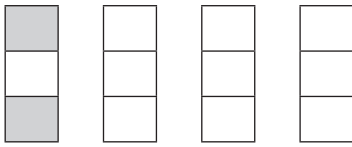
Enrichment Activity 1.2

Complete the faces.



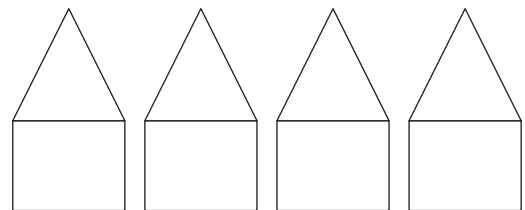
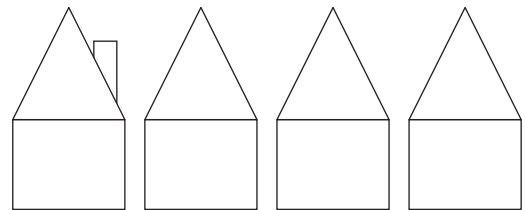
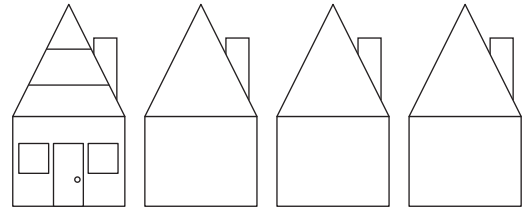
Enrichment Activity 1.3

Colour the others to make them look like the first one.



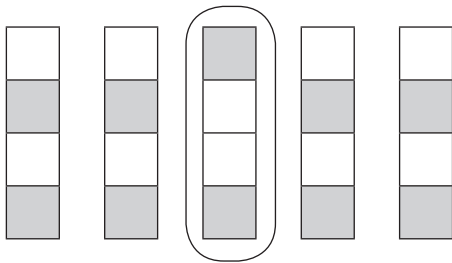
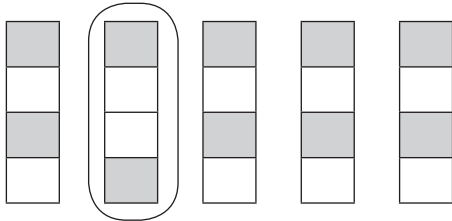
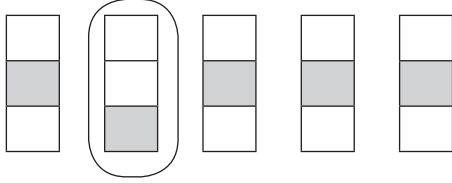
Enrichment Activity 1.4

Complete the houses.



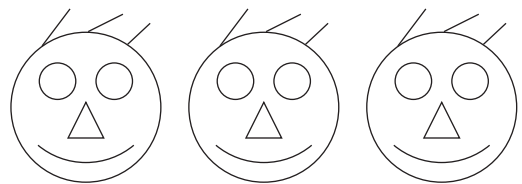
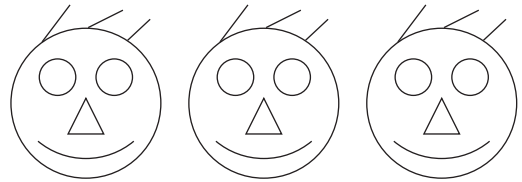
Enrichment Activity 1.1: Answers

Which one does not belong?



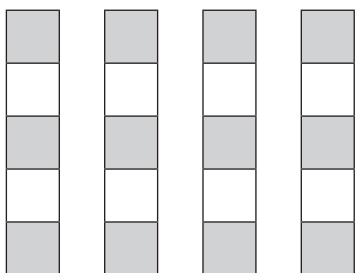
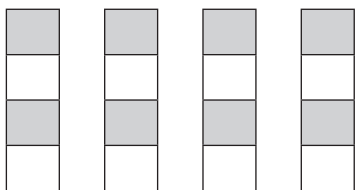
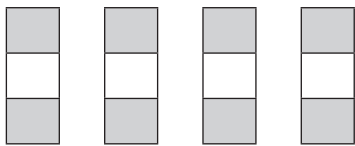
Enrichment Activity 1.2: Answers

Complete the faces.



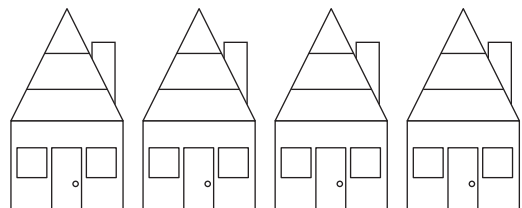
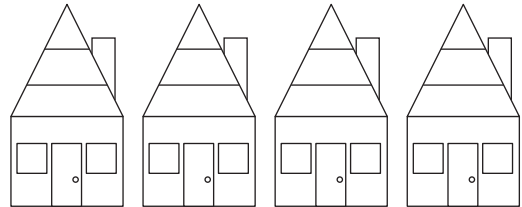
Enrichment Activity 1.3: Answers

Colour the others to make them look like the first one.



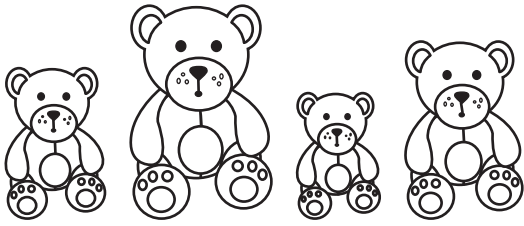
Enrichment Activity 1.4: Answers

Complete the houses.



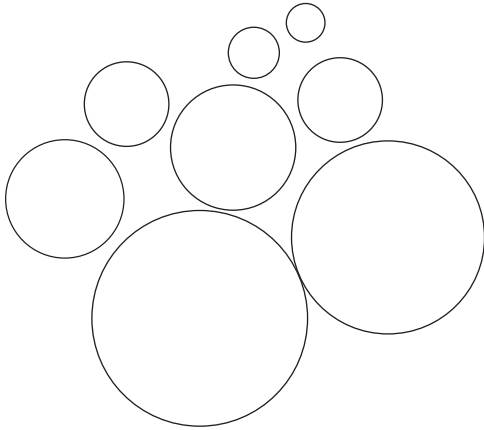
Enrichment Activity 1.5

Colour the biggest bear.



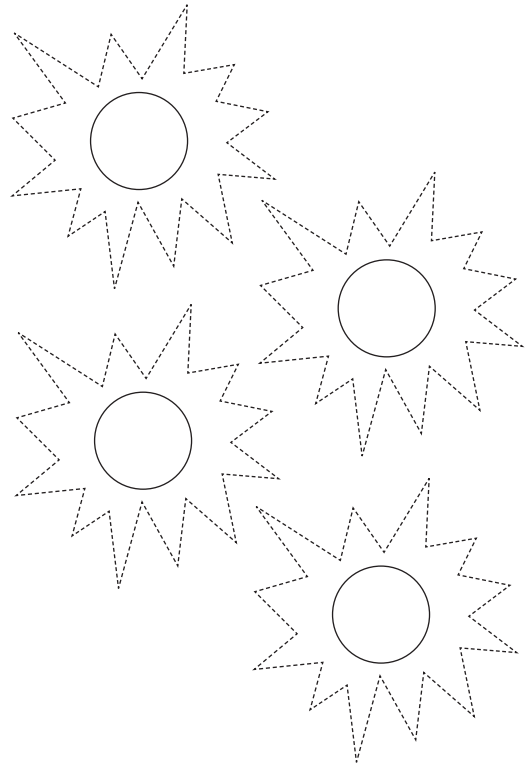
Colour the ball closest to you in blue.

Colour the ball furthest from you in green.



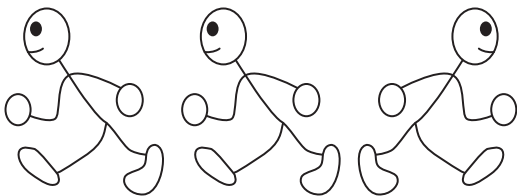
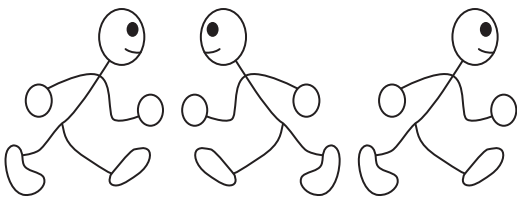
Enrichment Activity 1.6

Trace the suns and colour them.



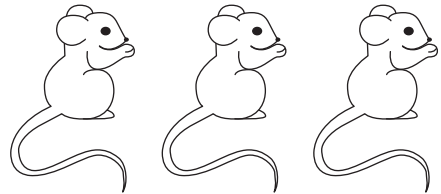
Enrichment Activity 1.7

Draw arrows to show which way the boys are walking.

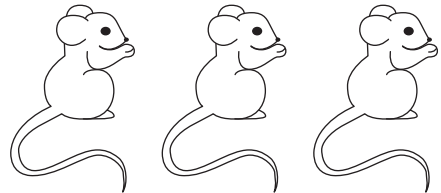


Enrichment Activity 1.8

Colour the mouse in the middle.



On the left.

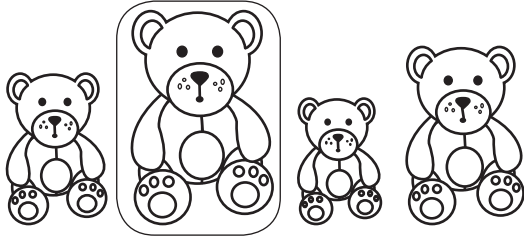


On the right.



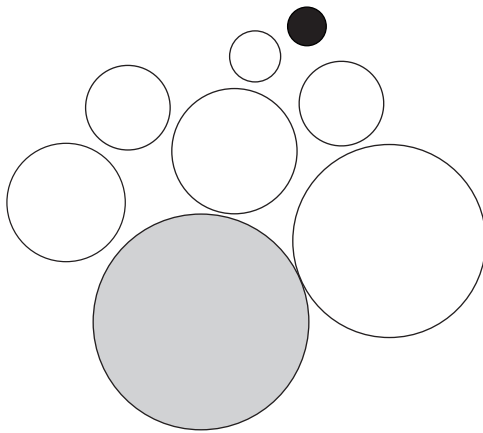
Enrichment Activity 1.5: Answers

Colour the biggest bear.



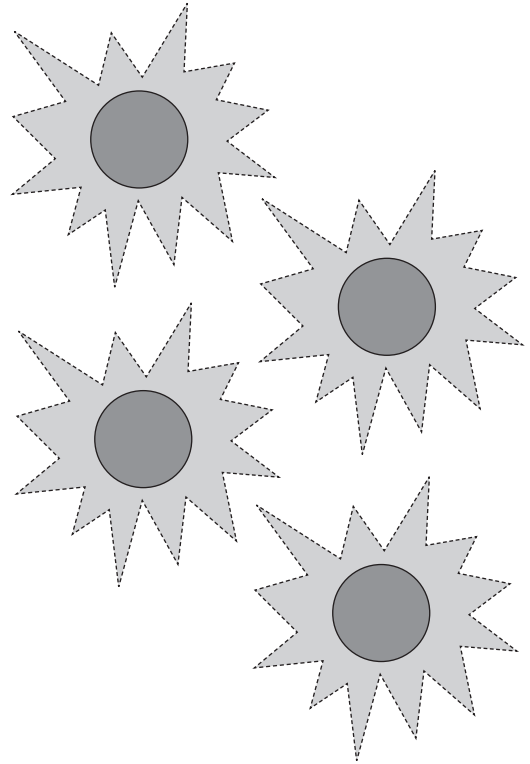
Colour the ball closest to you in blue.

Colour the ball furthest from you in green.



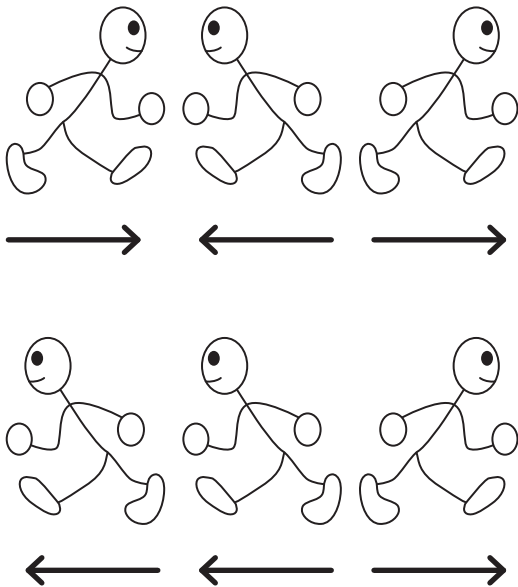
Enrichment Activity 1.6: Answers

Trace the suns and colour them.



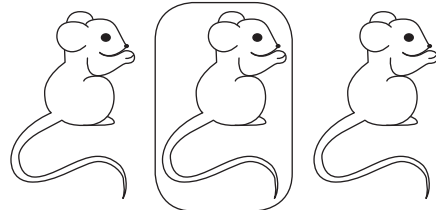
Enrichment Activity 1.7: Answers

Draw arrows to show which way the boys are walking.

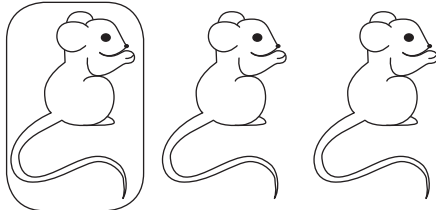


Enrichment Activity 1.8: Answers

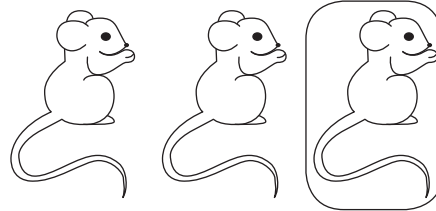
Colour the mouse in the middle.



On the left.

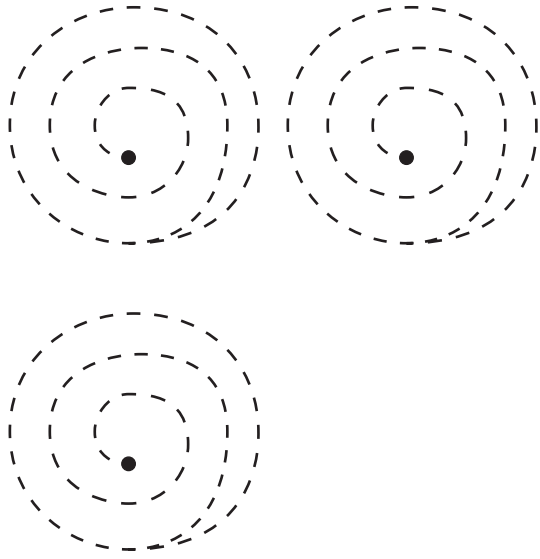


On the right.



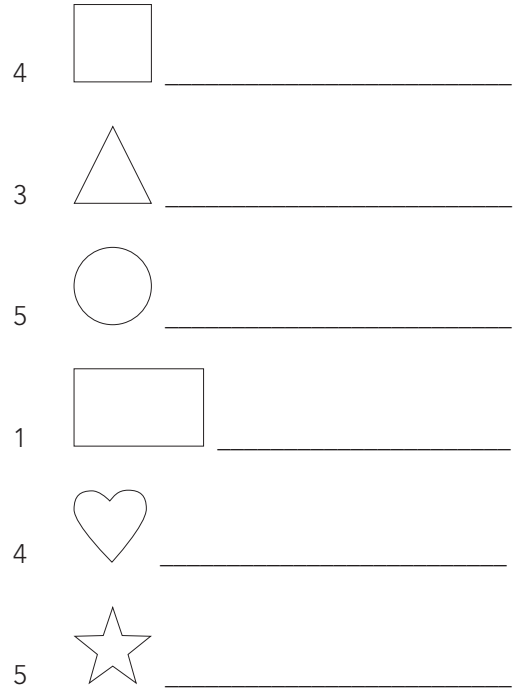
Enrichment Activity 1.9

Trace these patterns. Start on the inside.



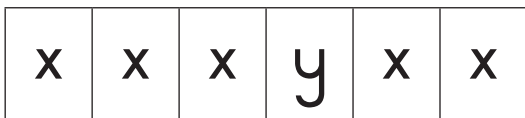
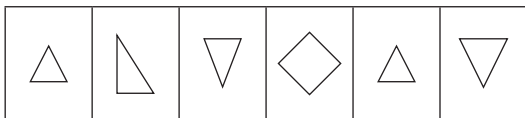
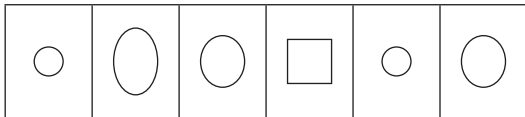
Enrichment Activity 1.10

Draw the following:



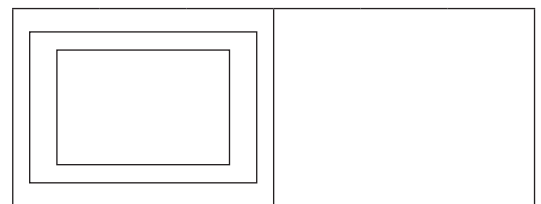
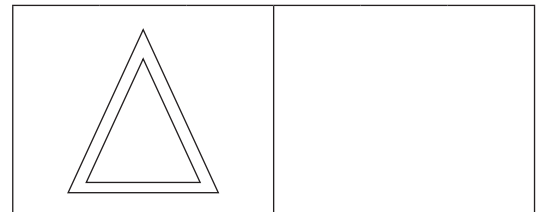
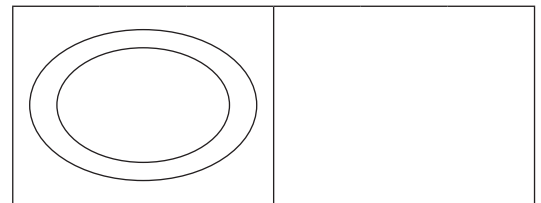
Enrichment Activity 1.11

Which one does not belong?



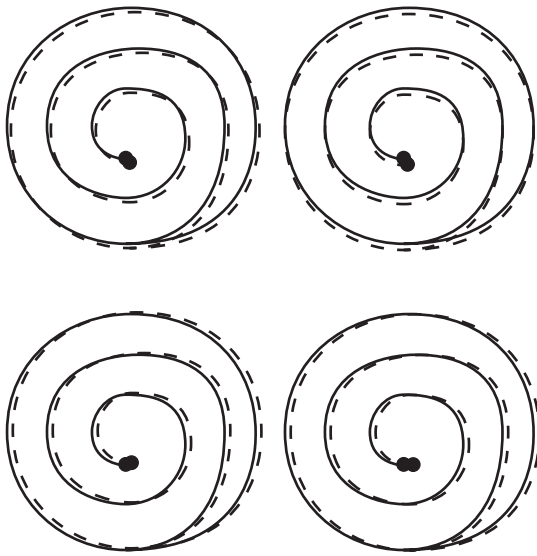
Enrichment Activity 1.12

Draw the same:



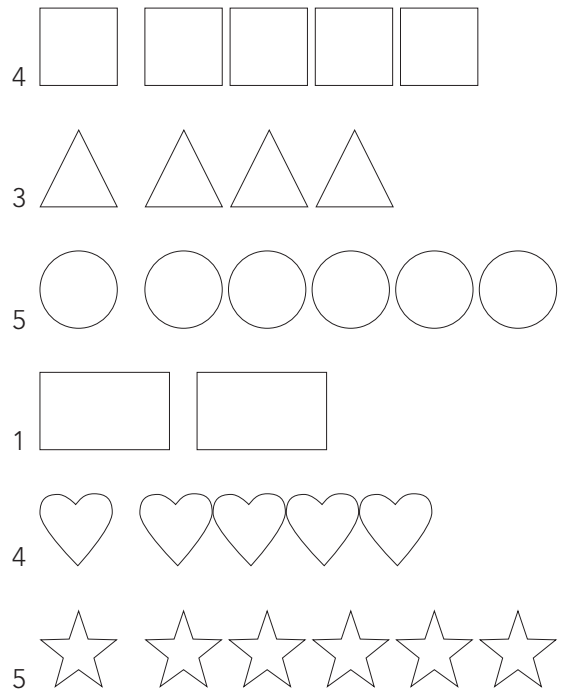
Enrichment Activity 1.9: Answers

Trace these patterns. Start on the inside.



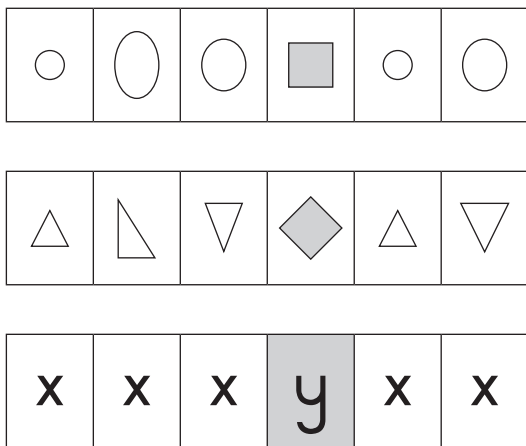
Enrichment Activity 1.10: Answers

Draw the following:



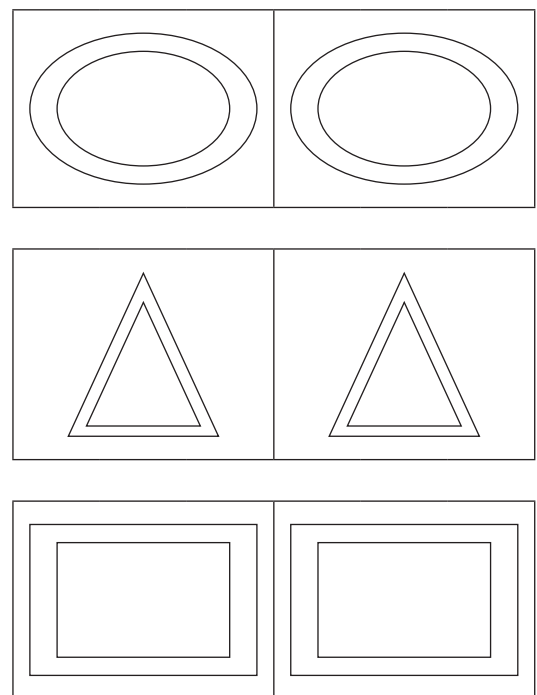
Enrichment Activity 1.11: Answers

Which one does not belong?



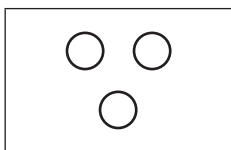

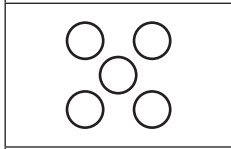
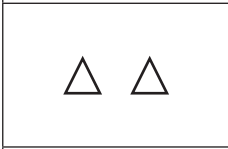
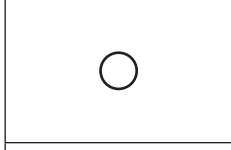
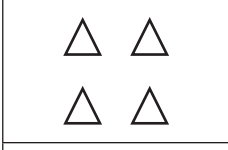
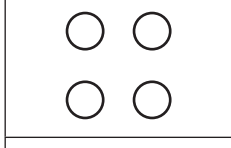
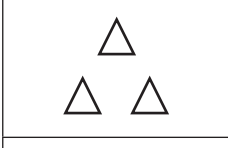
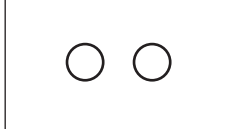

Enrichment Activity 1.12: Answers

Draw the same:



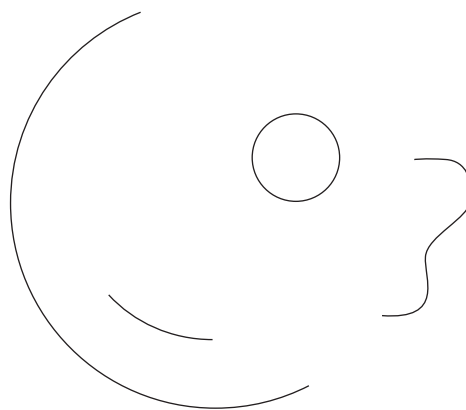
Enrichment Activity 1.13

Match these blocks.

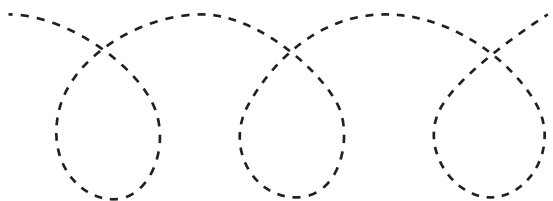
Enrichment Activity 1.14

Complete the face using symmetry.



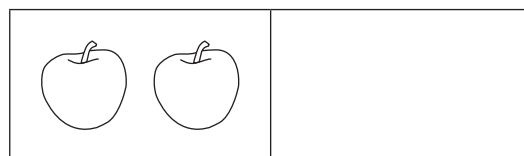
Enrichment Activity 1.15

Trace the patterns.

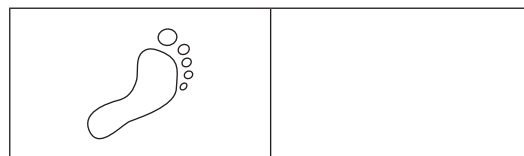


Enrichment Activity 1.16

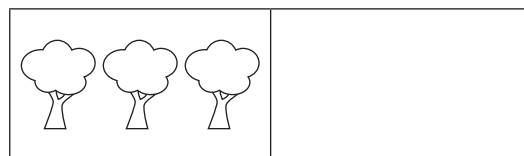
Draw 2 more.



Draw 1 more.

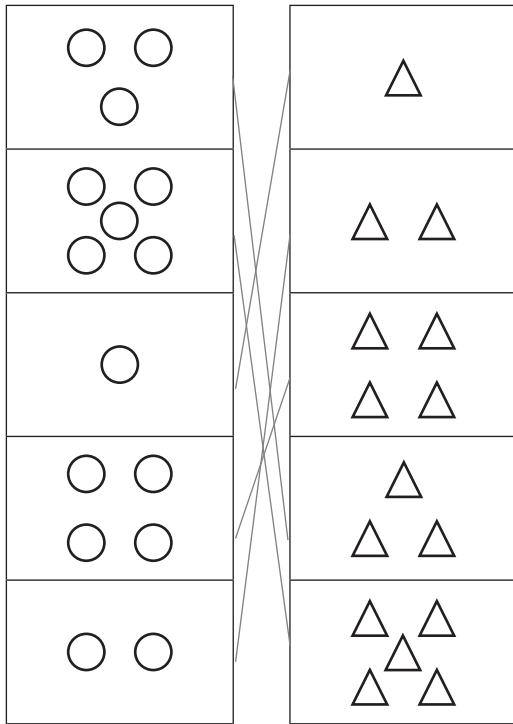


Draw the same number.



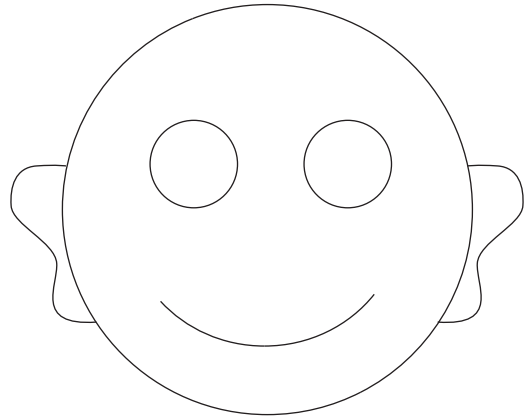
Enrichment Activity 1.13: Answers

Match these blocks.



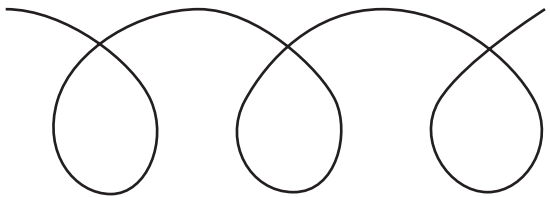
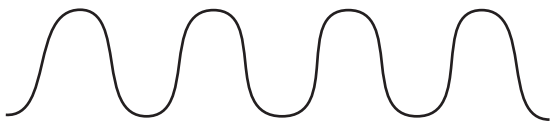
Enrichment Activity 1.14: Answers

Complete the face using symmetry.



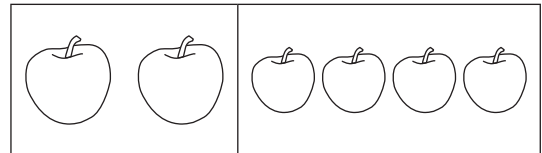
Enrichment Activity 1.15: Answers

Trace the patterns.

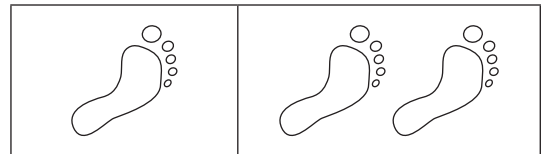


Enrichment Activity 1.16: Answers

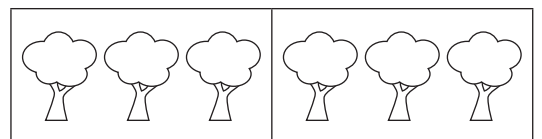
Draw 2 more.



Draw 1 more.




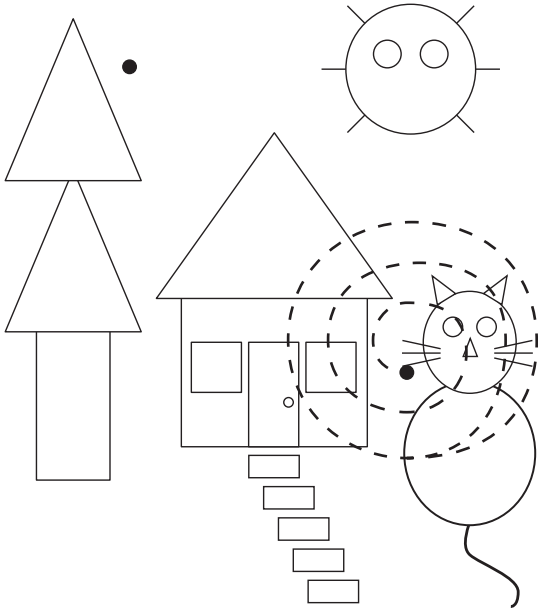
Draw the same number.



Enrichment Activity 1.17

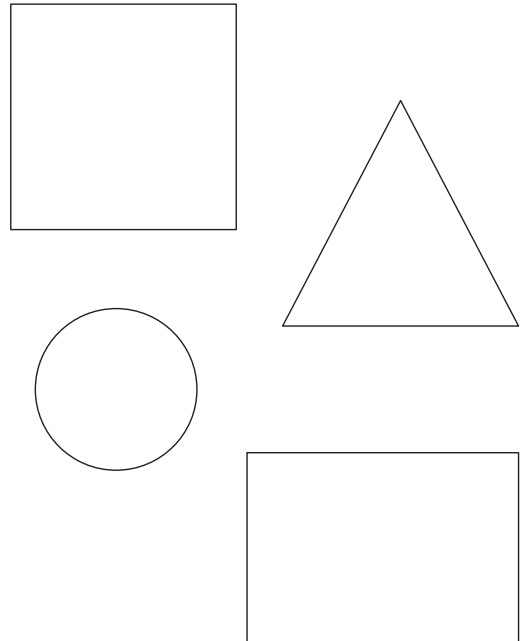
Colour all the

-  red  yellow
 blue  green



Enrichment Activity 1.18

Add to these shapes to make your own picture.



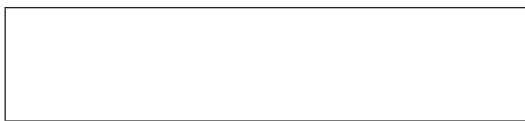
Enrichment Activity 1.19

Draw the following:

4 cats



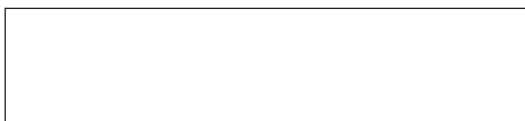
2 more cats



5 apples



3 less apples



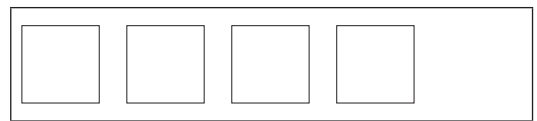
Enrichment Activity 1.20

Draw the following:

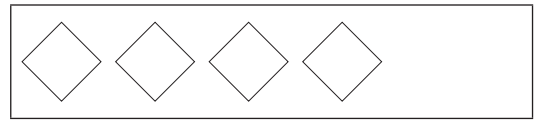
2 more



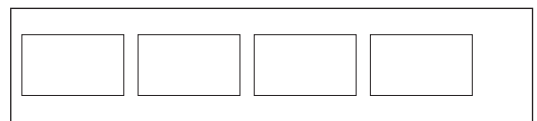
2 less



1 more

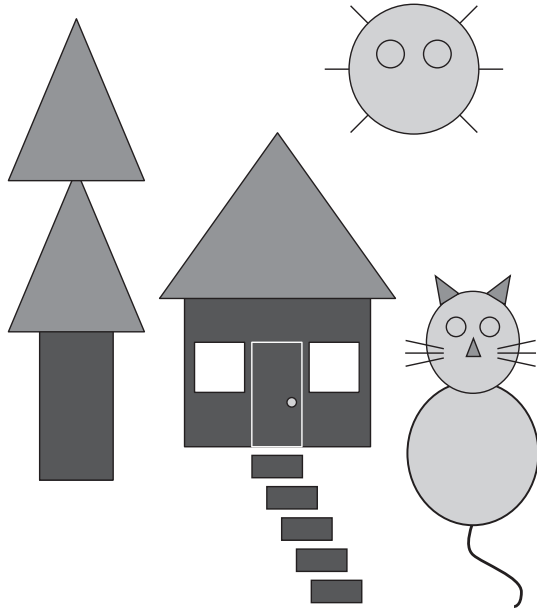


4 less



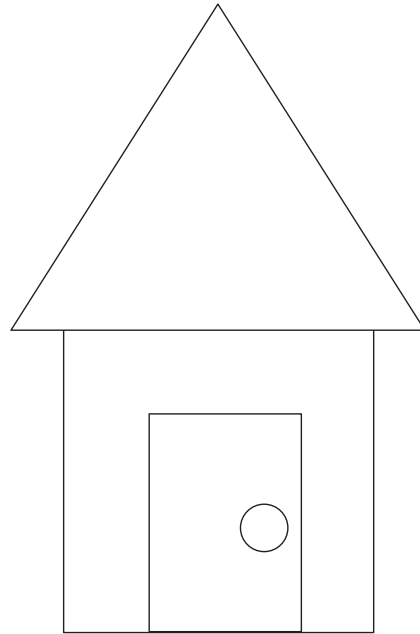
Enrichment Activity 1.17: Answers

Colour all the



Enrichment Activity 1.18: Answers

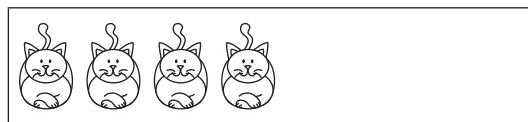
Add to these shapes to make your own picture.



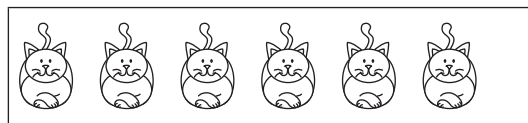
Enrichment Activity 1.19: Answers

Draw the following:

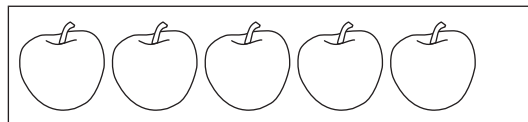
4 cats



2 more cats



5 apples



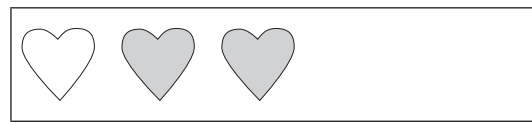
3 less apples



Enrichment Activity 1.20: Answers

Draw the following:

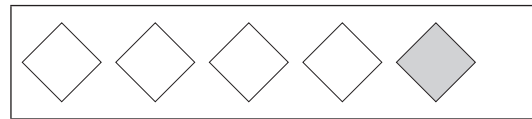
2 more



2 less



1 more

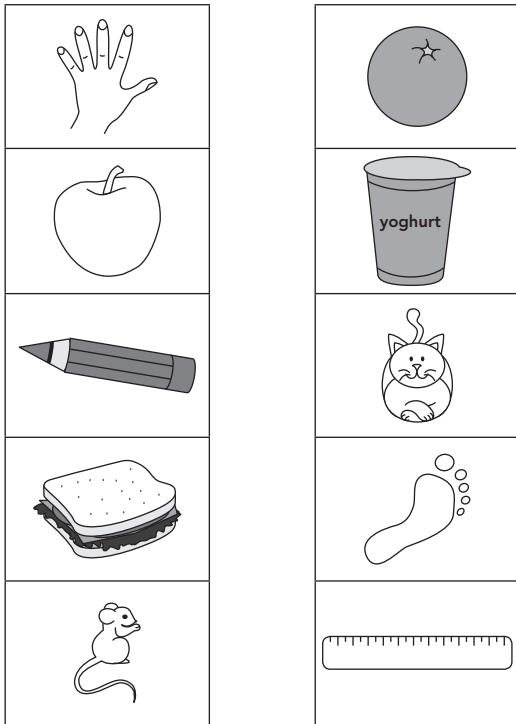


4 less



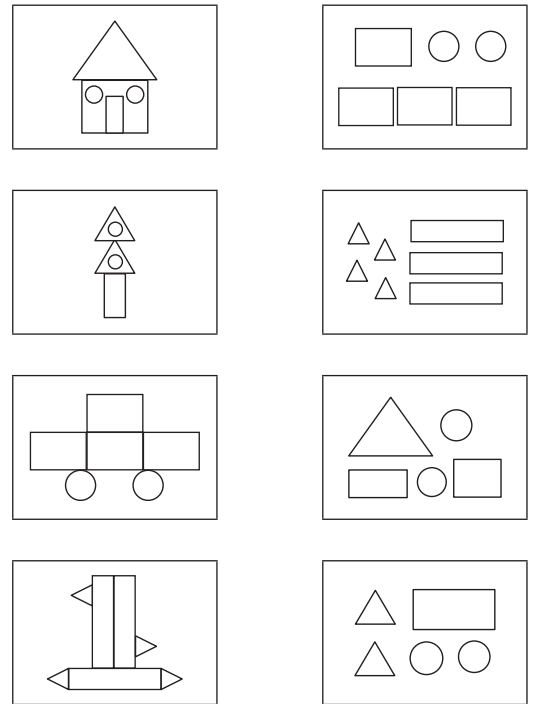
Enrichment Activity 1.21

Draw a line to the picture that matches the one on the left.



Enrichment Activity 1.22

Match the pictures with the shapes.



Enrichment Activity 1.23

Complete the following:

1 more than 2 is _____

1 more than 3 is _____

2 more than 4 is _____

2 more than 0 is _____

3 more than 1 is _____

3 more than 2 is _____

1 less than 2 is _____

2 less than 4 is _____

4 less than 5 is _____

Enrichment Activity 1.24

Complete the following:

$$2 + 3 = \square$$

$$4 + 2 = \square$$

$$3 + 3 = \square$$

$$1 + 1 = \square$$

$$0 + 1 = \square$$

$$1 - 0 = \square$$

$$2 - 1 = \square$$

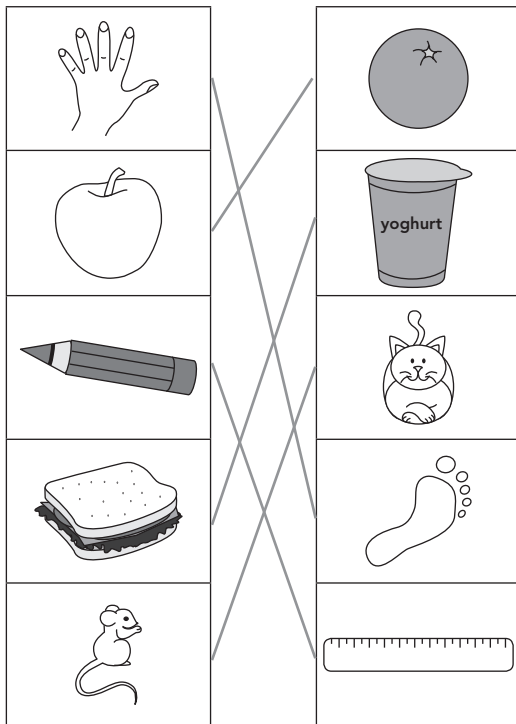
$$5 + 5 = \square$$

$$7 - 4 = \square$$

$$3 + 1 = \square$$

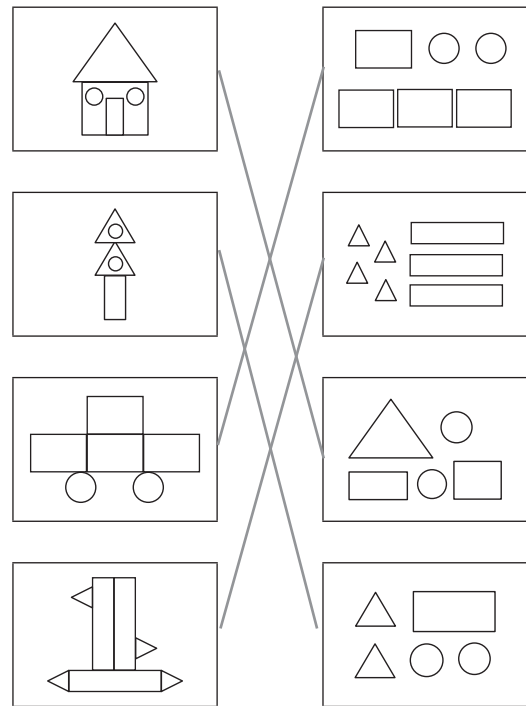
Enrichment Activity 1.21: Answers

Draw a line to the picture that matches the one on the left.



Enrichment Activity 1.22: Answers

Match the pictures with the shapes.



Enrichment Activity 1.23: Answers

Complete the following:

1 more than 2 is 3

1 more than 3 is 4

2 more than 4 is 6

2 more than 0 is 2

3 more than 1 is 4

3 more than 2 is 5

1 less than 2 is 1

2 less than 4 is 2

4 less than 5 is 1

Enrichment Activity 1.24: Answers

Complete the following:

$$2 + 3 = \boxed{5}$$

$$4 + 2 = \boxed{6}$$

$$3 + 3 = \boxed{6}$$

$$1 + 1 = \boxed{2}$$

$$0 + 1 = \boxed{1}$$

$$1 - 0 = \boxed{1}$$

$$2 - 1 = \boxed{1}$$

$$5 + 5 = \boxed{10}$$

$$7 - 4 = \boxed{3}$$

$$3 + 1 = \boxed{4}$$

Enrichment Activity 1.25

Colour the following:

All the 2's

4	2	5	1	2	3	2	1	2
---	---	---	---	---	---	---	---	---

All the 3's

ε	3	ε	∞	ε	3	3	∞	ε
---	---	---	---	---	---	---	---	---

All the 4's

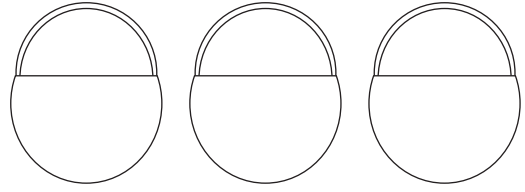
3	2	4	1	4	5	1	4	3
---	---	---	---	---	---	---	---	---

All the 5's

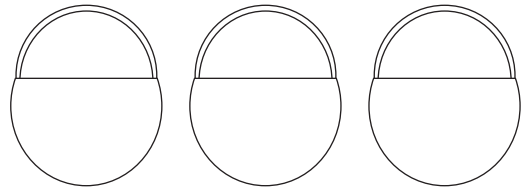
5	3	7	1	4	5	5	0	3
---	---	---	---	---	---	---	---	---

Enrichment Activity 1.26

Put apples in the basket.



2 apples 3 more apples 1 less apple

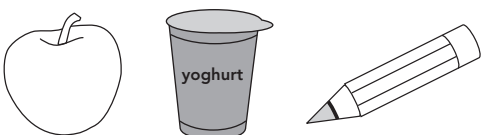
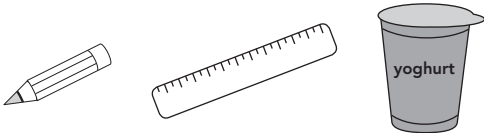


5 apples 4 less apples 3 more apple

Enrichment Activity 1.27

Which is heavier?

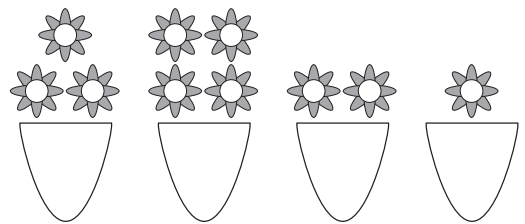
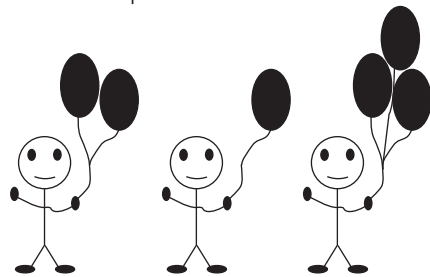
Circle the heaviest picture in each line.



Enrichment Activity 1.28

Who has the most

Circle the picture.



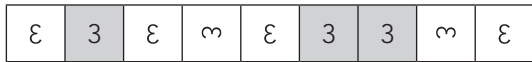
Enrichment Activity 1.25: Answers

Colour the following:

All the 2's



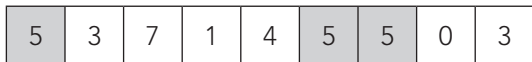
All the 3's



All the 4's

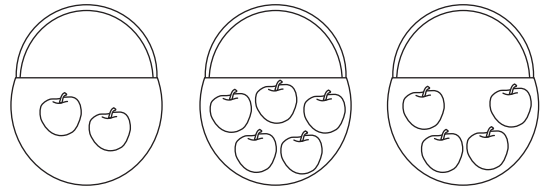


All the 5's

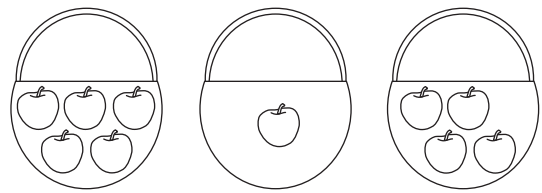


Enrichment Activity 1.26: Answers

Put apples in the basket.



2 apples 3 more apples 1 less apple



5 apples 4 less apples 3 more apple

Enrichment Activity 1.27: Answers

Which is heavier?

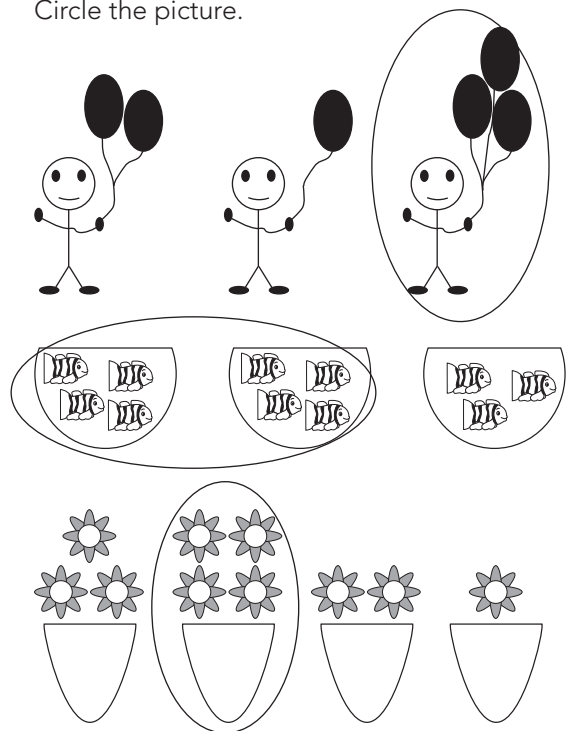
Circle the heaviest picture in each line.



Enrichment Activity 1.28: Answers


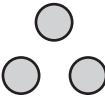
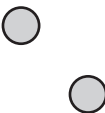
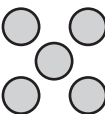
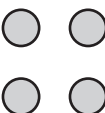
Who has the most

Circle the picture.



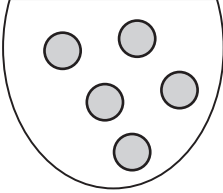
Enrichment Activity 1.29

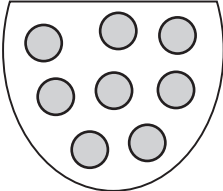
Match the number name and counters with each other.

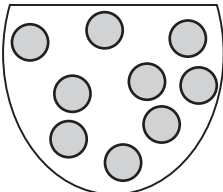
3	two	
1	five	
4	three	
5	one	
2	four	

Enrichment Activity 1.30

How many marbles do you see?

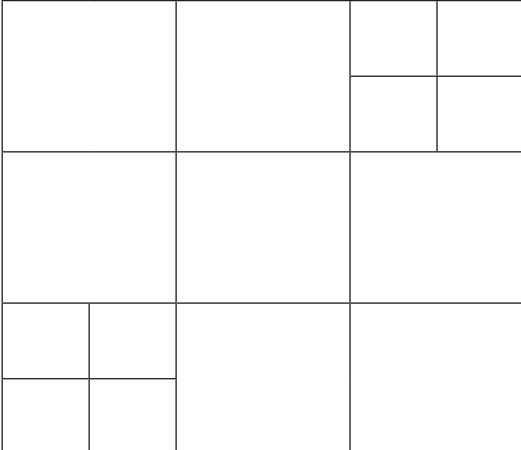







Enrichment Activity 1.31


How many squares can you see?





Enrichment Activity 1.32

Complete the pattern.

 _____


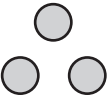
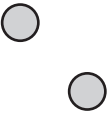

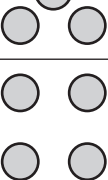
 _____

 _____

 _____

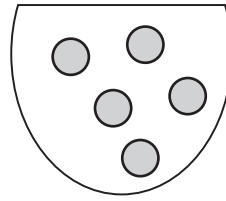
Enrichment Activity 1.29: Answers

Match the number name and counters with each other.

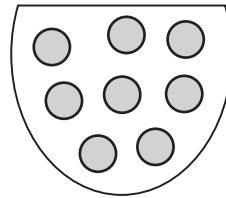
3	two	
1	five	
4	three	
5	one	
2	four	

Enrichment Activity 1.30: Answers

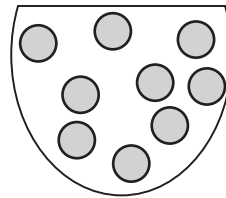
How many marbles do you see?



5



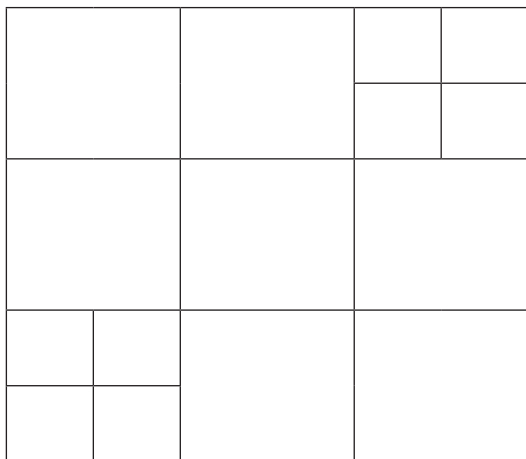
8



9

Enrichment Activity 1.31: Answers

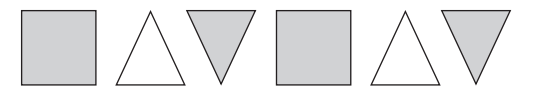
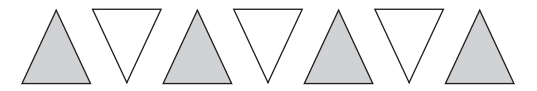
How many squares can you see?



21

Enrichment Activity 1.32: Answers

Complete the pattern.



4. Enrichment Activity Cards: Setswana version

Each term a set of new enrichment cards will be provided. You should retain this set, as they will not be reproduced each term.

Use of the enrichment activity cards

Optional as required.

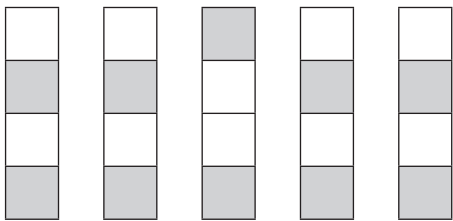
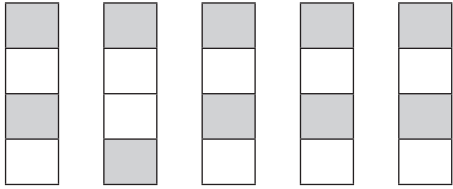
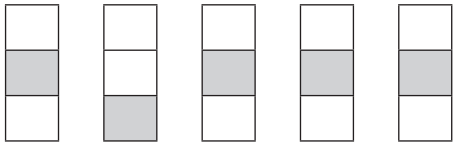
These cards include activities that you can use for enrichment opportunities for learners who have completed the lesson activities ahead of the rest of the class. Learners should work on these cards independently or with their peers who have also completed the classwork. You may need to explain some of the activities to the learners who use them. You should remind them to ask you questions about any of the enrichment activities that they are doing, so that you can guide them as necessary.

You should photocopy the enrichment cards, paste them onto cardboard and laminate them (if possible), so that they can be used as a resource, not only this year but in the future as well.

Put the cardboard laminated cards into a box in a set place in your classroom, so that learners know where to find them. These cards are for all learners and do not have to be used in a particular order. Learners should keep a record of the cards that they have done, so that they continue to choose a new card each time they go to the box. Learners must be taught to replace the cards in numeric order in the box, so that everyone who looks for cards can easily find the one they want to use.

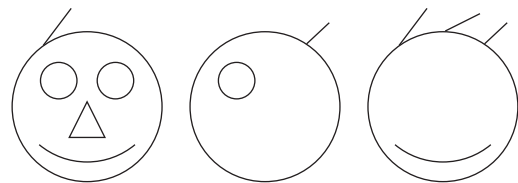
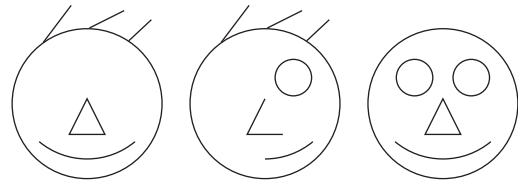
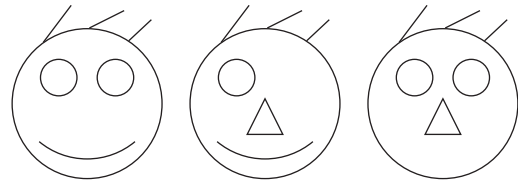
Tirwana ya ikhumiso 1.1

Ke efe e e sa tsamaelaneng?



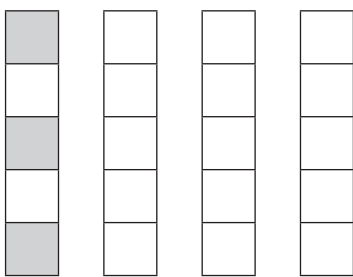
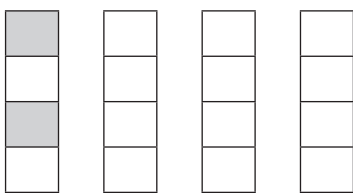
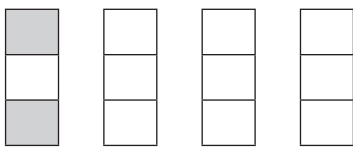
Tirwana ya ikhumiso 1.2

Feleletsa difatlhego



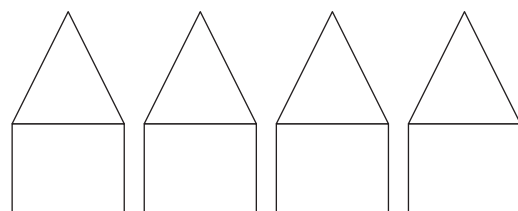
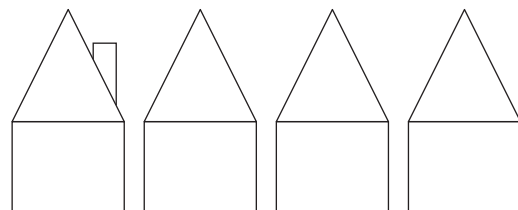
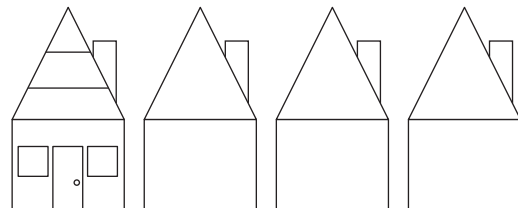
Tirwana ya ikhumiso 1.3

Khalara tse dingwe gore di bonale di tshwana le ya ntlha.



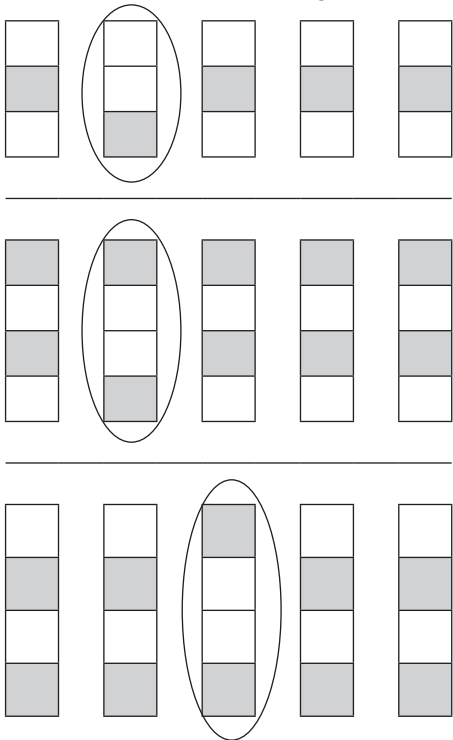
Tirwana ya ikhumiso 1.4

Feleletsa dintlo:



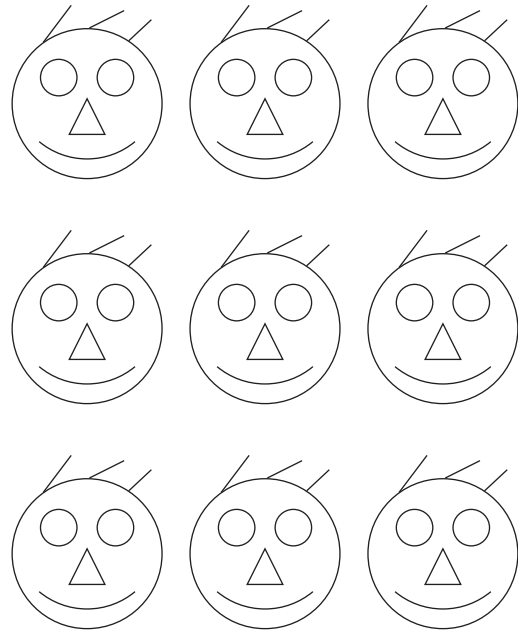
Tirwana ya ikhumiso 1.1

Ke efe e e sa tsamaelaneng?



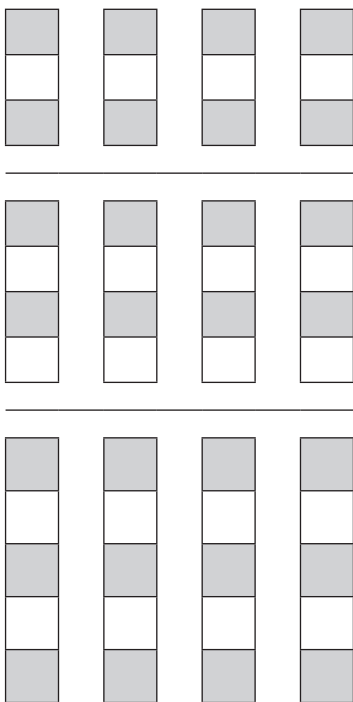
Tirwana ya ikhumiso 1.2

Feleletsa difatlhego



Tirwana ya ikhumiso 1.3

Khalara tse dingwe gore di bonale di tshwana le ya ntlha.



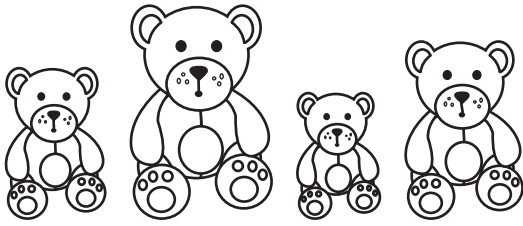
Karabo ya Ikhumiso 1.4

Melaetsa kakaretso ya dintlo tse di feleletseng:

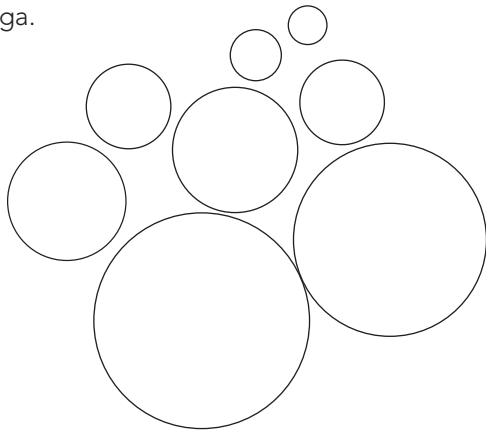


Tirwana ya Ikhumiso 1.5

Khalara bera e kgolokgolo.

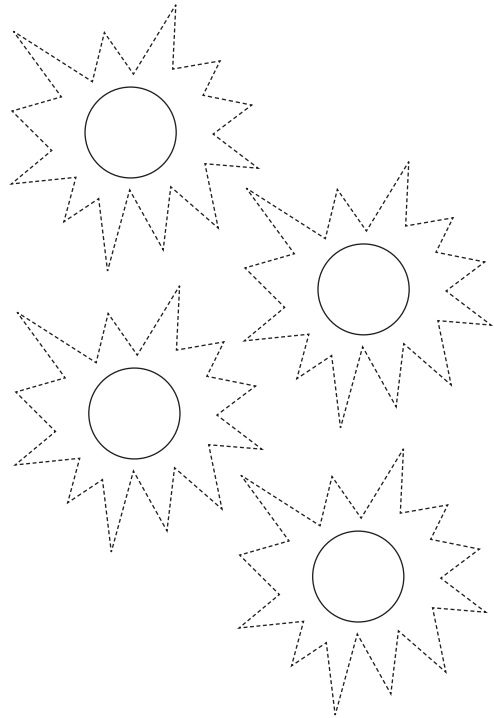


Khalara kgwele e nnyenye ka botala jwa legodimo mme e kgolokgolo ka botala jwa tlhaga.



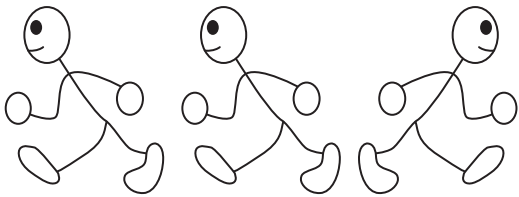
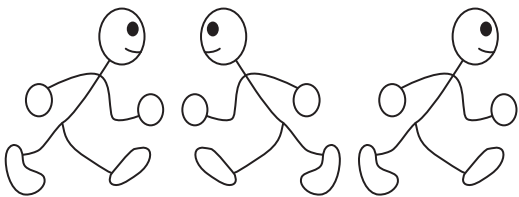
Tirwana ya Ikhumiso 1.6

Gatisa matsatsi mme o a khalare.



Tirwana ya Ikhumiso 1.7

Thala metsu go bontsha gore basimane ba tsamaela kwa kae.



Tirwana ya Ikhumiso 1.8

Khalara peba e e fa gare.



A fa molemeng.

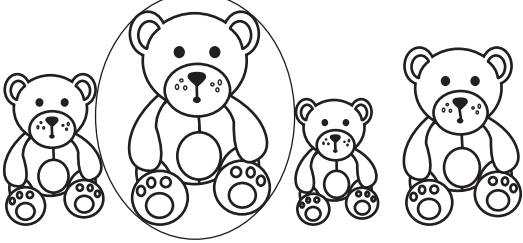


Ka fa mojeng.

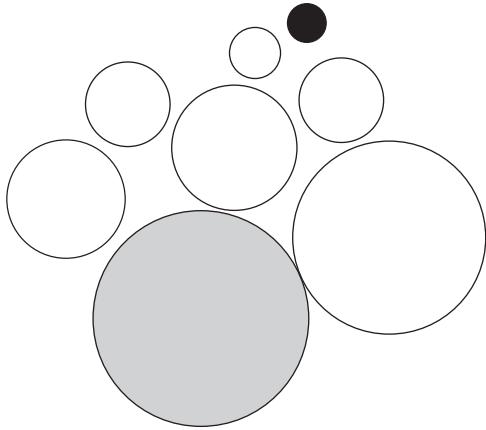


Tirwana ya Ikhumiso 1.5

Khalara bera e kgolokgolo.

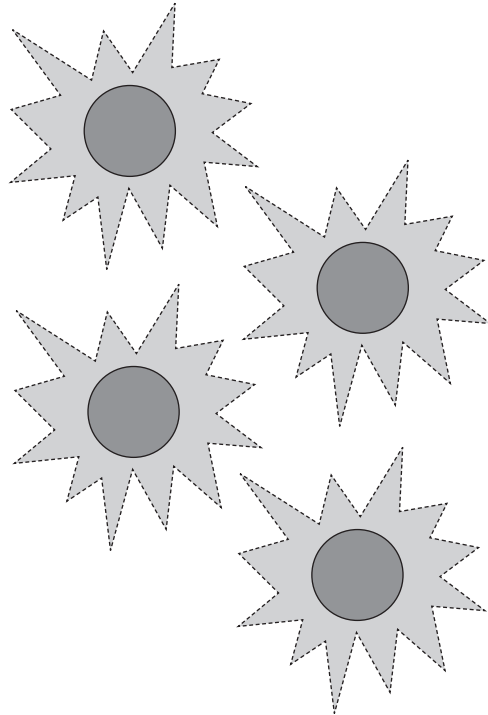


Khalara kgwele e nnyenye ka botala jwa legodimo mme e kgolokgolo ka botala jwa tlhaga.



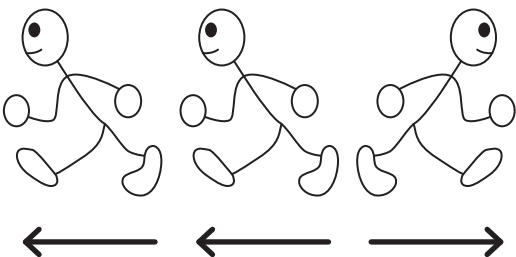
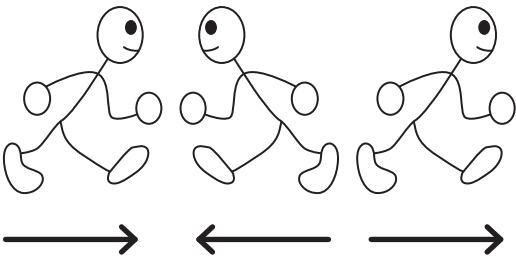
Karabo ya Ikhumiso 1.6

Gatisa matsatsi mme o a khalare.



Tirwana ya Ikhumiso 1.7

Thala metsu go bontsha gore basimane ba tsamaela kwa kae.



Tirwana ya Ikhumiso 1.8

Khalara peba e e fa gare.



A fa molemeng.

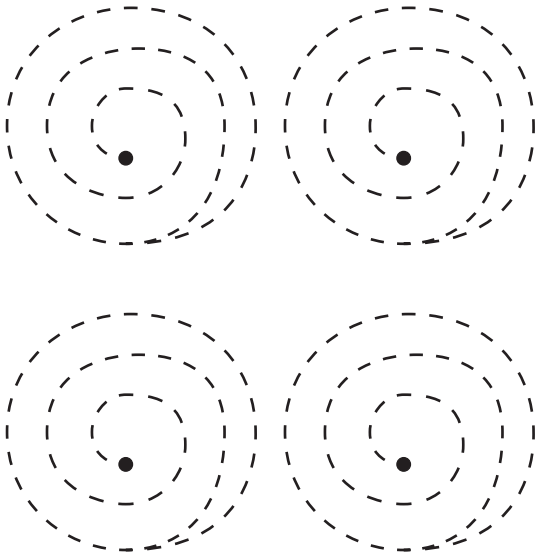


Ka fa mojeng.



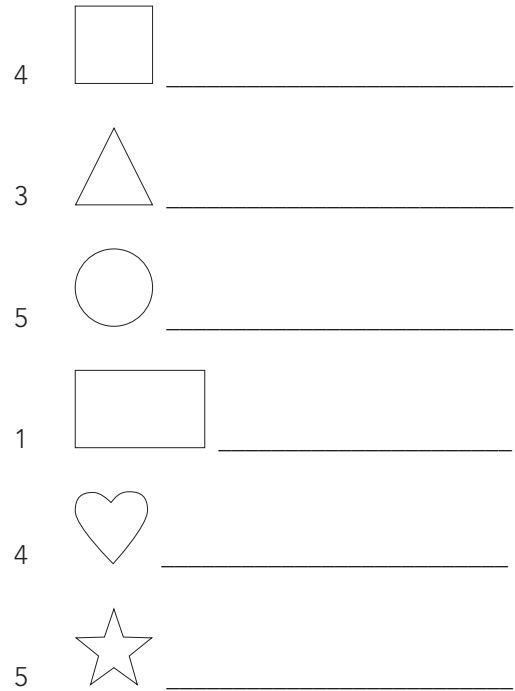
Tirwana ya Ikhumiso 1.9

Gatisa diphethene tse. Simolola ka fa gare.



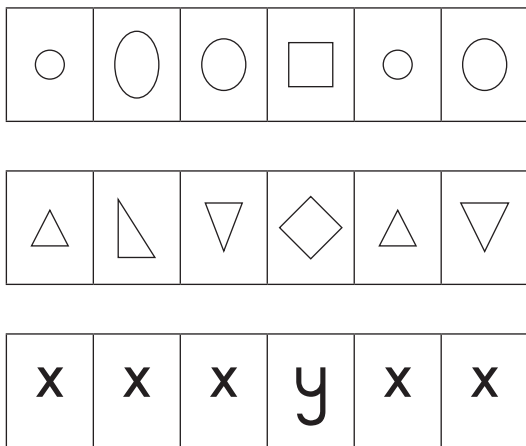
Tirwana ya Ikhumiso 1.10

Thala tse di latelang:



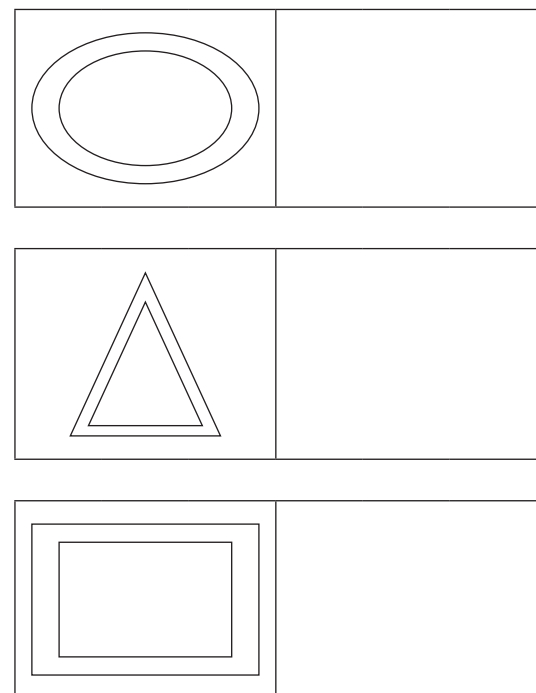
Tirwana ya Ikhumiso 1.11

Ke efe e e sa tsamaelaneng?



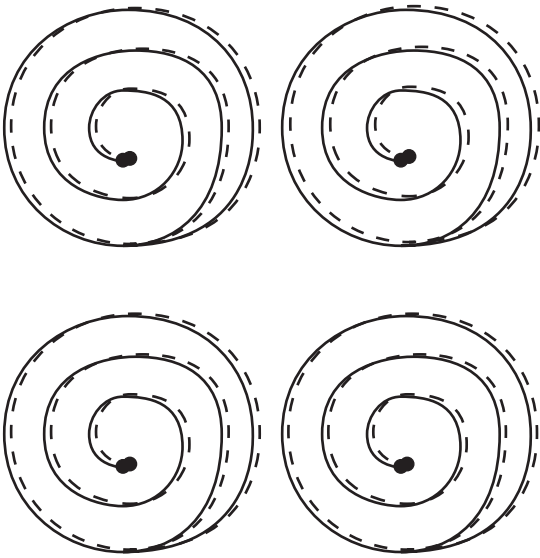
Tirwana ya Ikhumiso 1.12

Thala e e tshwanang:



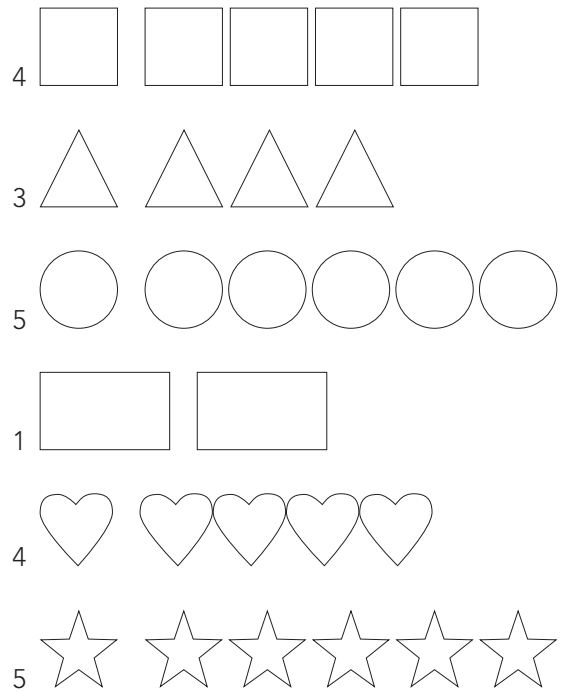
Tirwana ya Ikhumiso 1.9

Gatisa diphethene tse. Simolola ka fa gare.



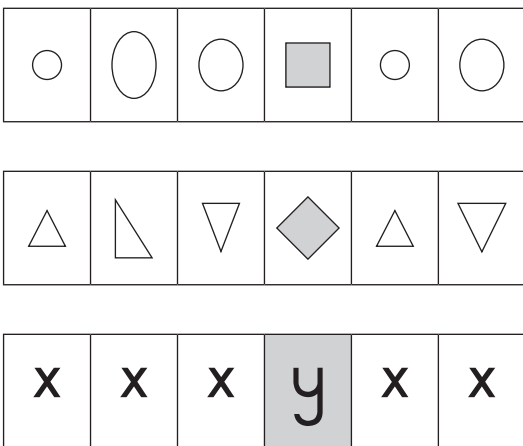
Tirwana ya Ikhumiso 1.10

Thala tse di latelang:



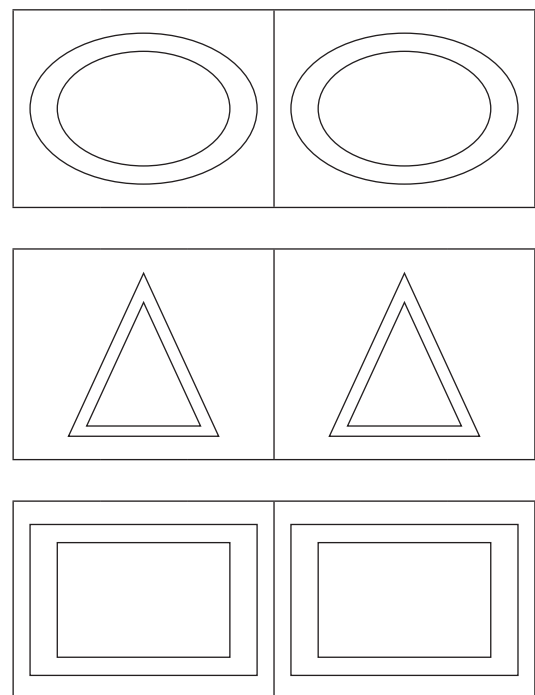
Tirwana ya Ikhumiso 1.11

Ke efe e e sa tsamaelaneng?



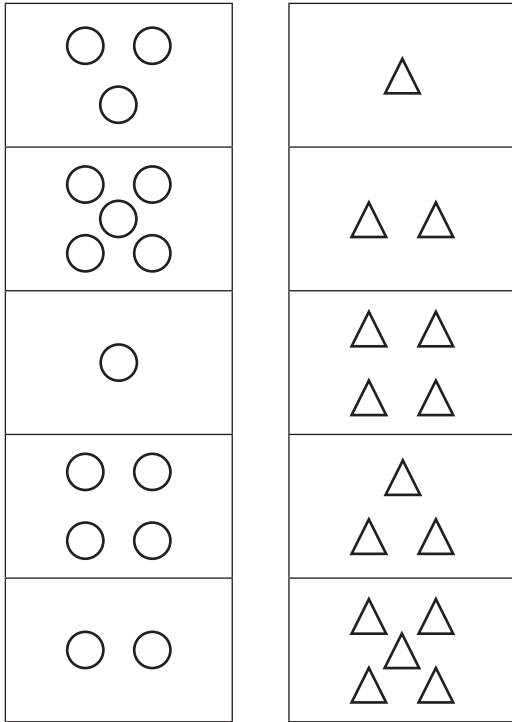
Tirwana ya Ikhumiso 1.12

Thala e e tshwanang:



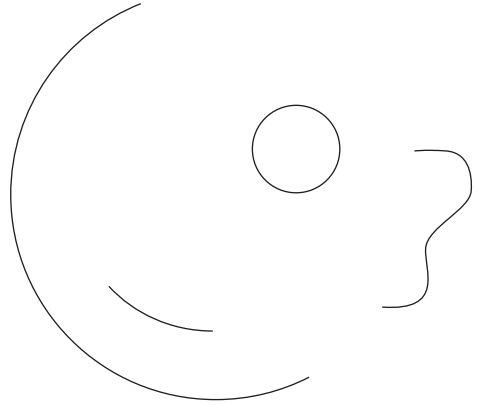
Tirwana ya Ikhumiso 1.13

Nyalanya diboloko tse.



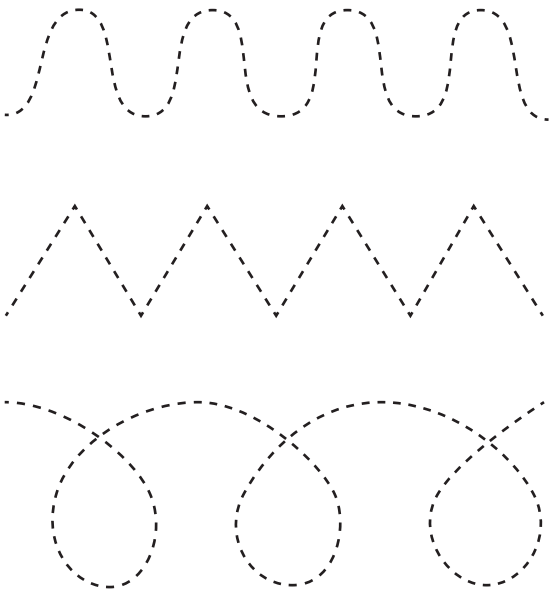
Tirwana ya Ikhumiso 1.14

Feleletsa sefatlhego.



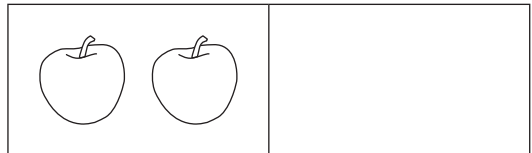
Tirwana ya Ikhumiso 1.15

Gatisa diphethene.

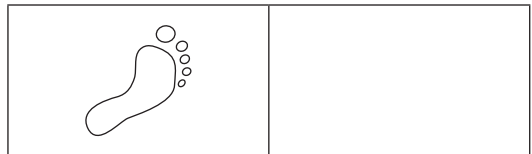


Tirwana ya Ikhumiso 1.16

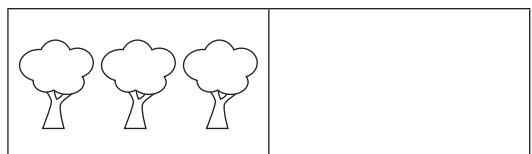
Thala tse 2 gape.



Thala le le 1 gape.

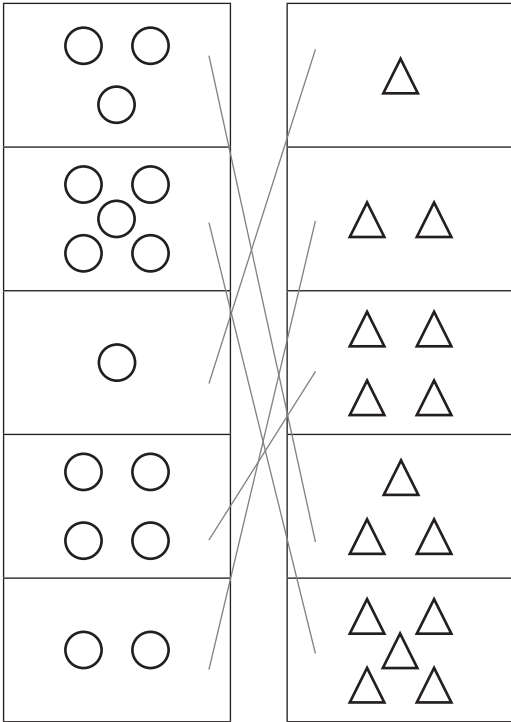


Thala se se tshwanang.



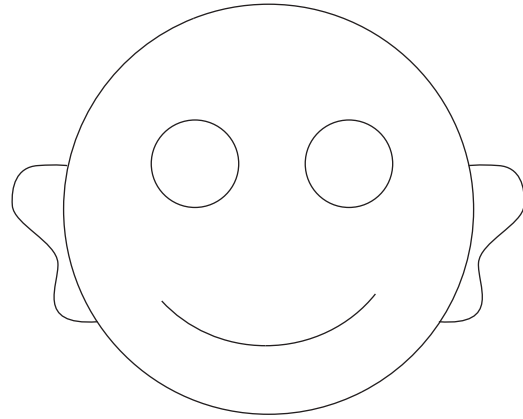
Nyalanya diboloko tse. 1.13

Nyalanya diboloko tse.



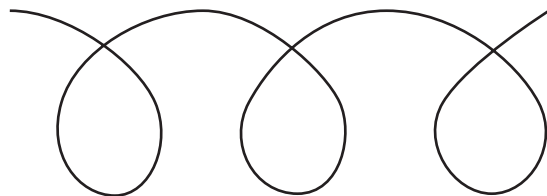
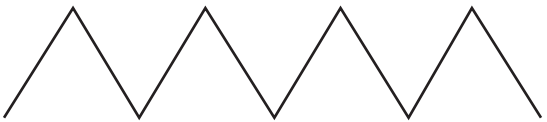
Karabo ya Ikhumiso 1.14

Feleletsa sefathhego.



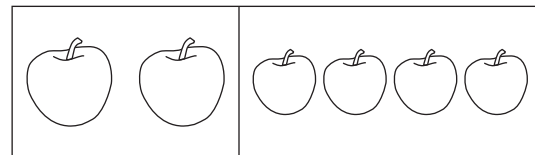
Karabo ya Ikhumiso 1.15

Gatisa diphethene.

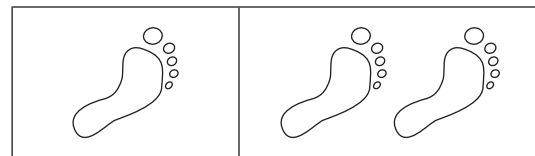


Karabo ya Ikhumiso 1.16

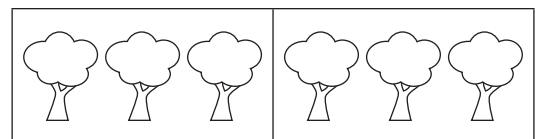
Thala tse 2 gape.



Thala le le 1 gape.







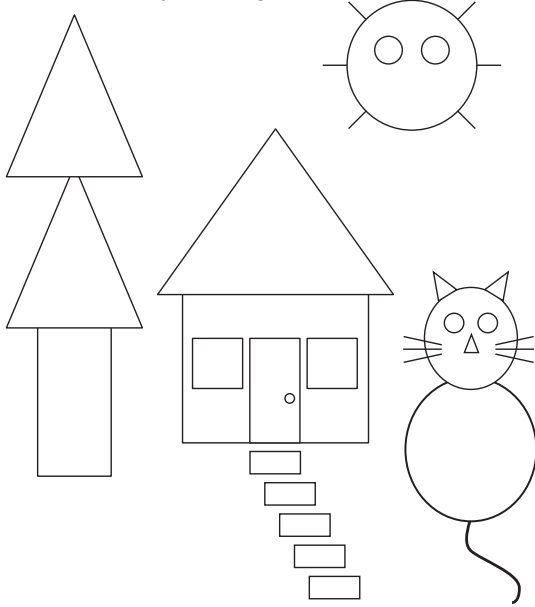
Thala se se tshwanang.



Tirwana ya Ikhumiso 1.17

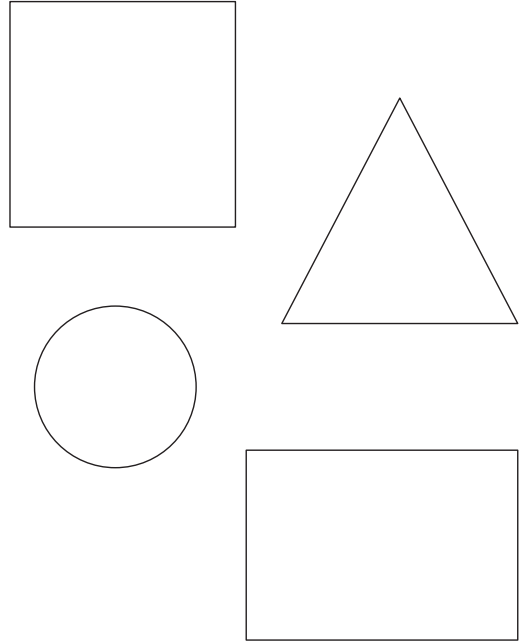
Khalara tsothle:

-  ka bohibidu  serolwana
-  botala jwa legodimo
-  Botala jwa tlhaga



Tirwana ya Ikhumiso 1.18

Tlhakanya le dipopego tse go itirela setshwantsho sa gago.



Tirwana ya Ikhumiso 1.19

Thala tse di latelang:

Dikatse tse 4



Dikatse tse 2 gape



li-apile ezi 5



li-apile ezingaphantsi ngesi 3



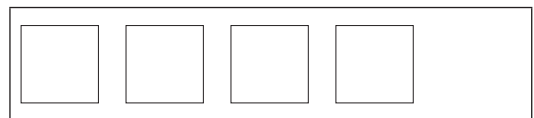
Tirwana ya Ikhumiso 1.20

Thala tse di latelang:

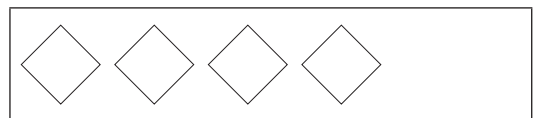
Tse dikgolwane ka 2



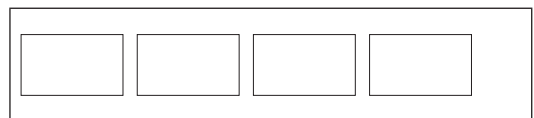
Tse dinnyane ka 2



Tse dikgolwane ka 1







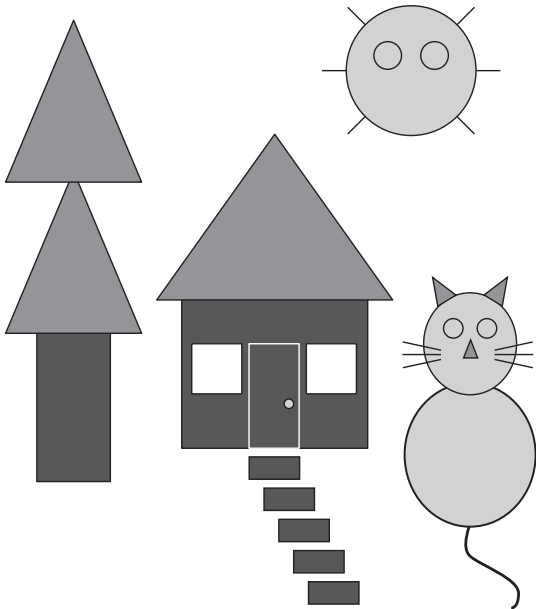
Tse dinnyan 4



Karabo ya Ikhumiso 1.17

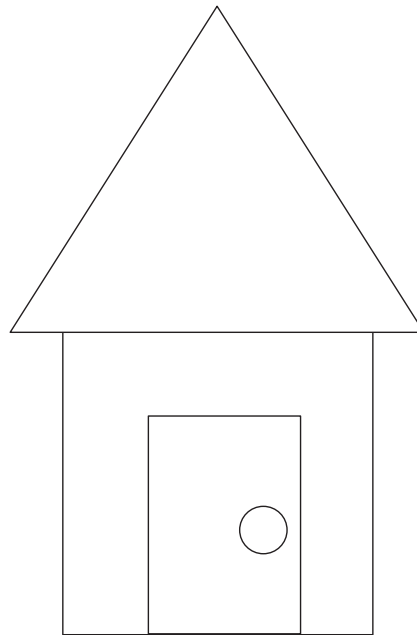
Khalara tsotlhe

-  ka bohibidu  serolwana
-  botala jwa legodimo
-  Botala jwa tlhaga



Karabo ya Ikhumiso 1.18

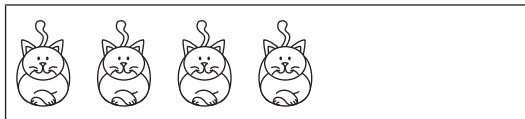
Tlhakanya le dipopego tse go itirela setshwantsho sa gago.



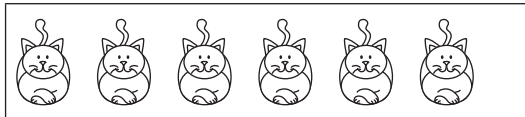
Umsebenzi wophuculo 1.19

Thala tse di latelang:

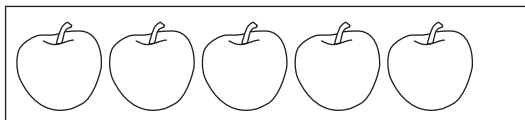
Dikatse tse 4



Dikatse tse 2 gape



Diapole tse 5



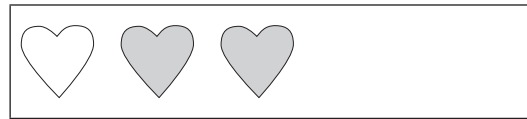
Diapole tse dinnyanenyana ka 3



Karabo ya Ikhumiso 1.20

Thala tse di latelang:

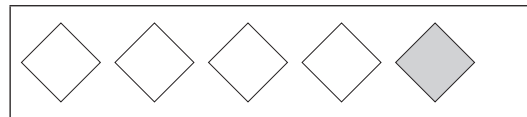
Tse dikgolwane ka 2



Tse dinnyane ka 2



Tse dikgolwane ka 1

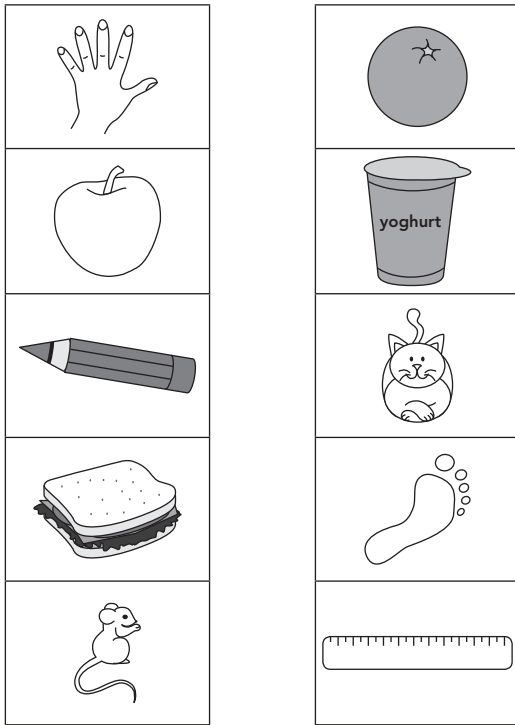


Tse dinnyan 4



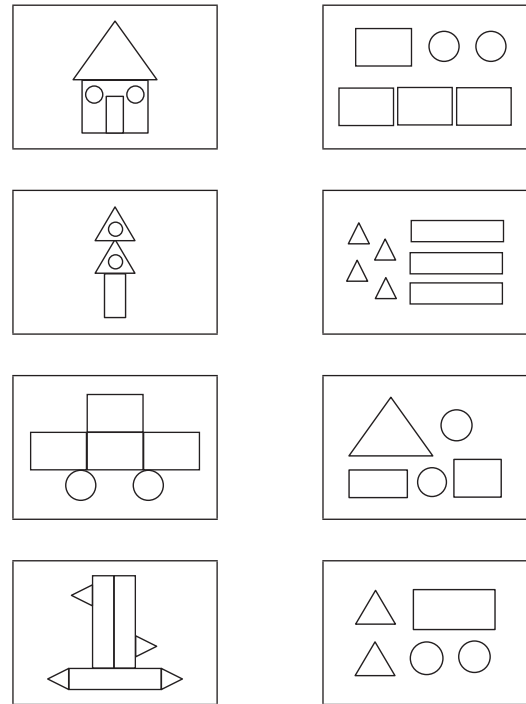
Tirwana ya Ikhumiso 1.21

Thala mola go ya kwa setshwantshong se se nyalanang le se se ka fa molemeng.



Tirwana ya Ikhumiso 1.22

Nyalanya ditshwantsho le dipopego.



Tirwana ya Ikhumiso 1.23

Feleletsa tse di latelang:

palo e kgolwane ka 1 mo go 2 ke _____

palo e kgolwane ka 1 mo go 3 ke _____

palo e kgolwane ka 2 mo go 4 ke _____

palo e kgolwane ka 2 mo go 0 ke _____

palo e kgolwane ka 3 mo go 1 ke _____

palo e kgolwane ka 3 mo go 2 ke _____

palo e kgolwane ka 1 mo go 2 ke _____

palo e kgolwane ka 2 mo go 4 ke _____

palo e kgolwane ka 4 mo go 5 ke _____

Imisebenzi yophuculo 1.24

Feleletsa tse di latelang:

$$2 + 3 = \square$$

$$4 + 2 = \square$$

$$3 + 3 = \square$$

$$1 + 1 = \square$$

$$0 + 1 = \square$$

$$1 - 0 = \square$$

$$2 - 1 = \square$$

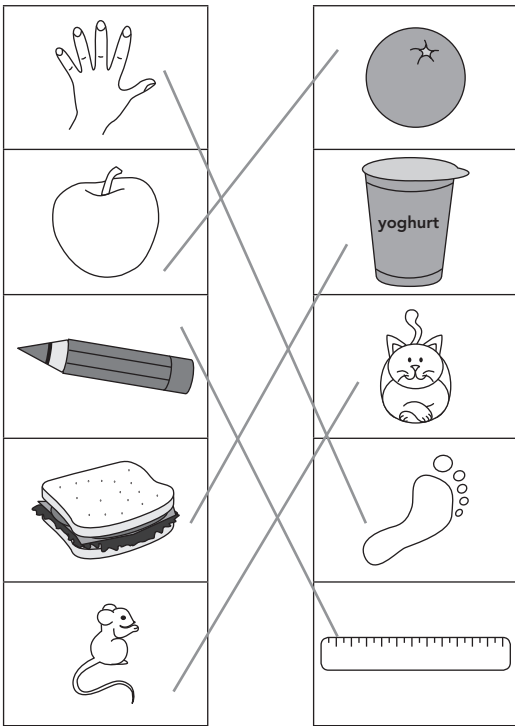
$$5 + 5 = \square$$

$$7 - 4 = \square$$

$$3 + 1 = \square$$

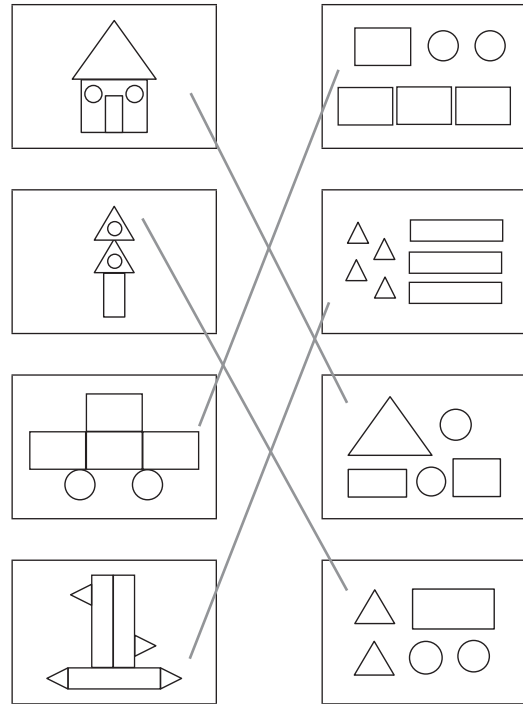
Karabo ya Ikhumiso 1.21

Thala mola go ya kwa setshwantshong se se nyalanang le se se ka fa molemeng.



Karabo ya Ikhumiso 1.22

Nyalanya ditshwantsho le dipopego.



Karabo ya Ikhumiso 1.23

Feleletsa tse di latelang:

palo e kgolwane ka 1 mo go 2 ke 3

palo e kgolwane ka 1 mo go 3 ke 4

palo e kgolwane ka 2 mo go 4 ke 6

palo e kgolwane ka 2 mo go 0 ke 2

palo e kgolwane ka 3 mo go 1 ke 4

palo e kgolwane ka 3 mo go 2 ke 5

palo e kgolwane ka 1 mo go 2 ke 1

palo e kgolwane ka 2 mo go 4 ke 2

palo e kgolwane ka 4 mo go 5 ke 1

Karabo ya Ikhumiso 1.24

GFeleletsa tse di latelang:

$$2 + 3 = \boxed{5}$$

$$4 + 2 = \boxed{6}$$

$$3 + 3 = \boxed{6}$$

$$1 + 1 = \boxed{2}$$

$$0 + 1 = \boxed{1}$$

$$1 - 0 = \boxed{1}$$

$$2 - 1 = \boxed{1}$$

$$5 + 5 = \boxed{10}$$

$$7 - 4 = \boxed{3}$$

$$3 + 1 = \boxed{4}$$

Tirwana ya Ikhumiso 1.25

Khalara tse di latelang:

Bo 2 botlhe

4	2	5	1	2	3	2	1	2
---	---	---	---	---	---	---	---	---

Bo 3 botlheu

ε	3	ε	ϣ	ε	3	3	ϣ	ε
---	---	---	---	---	---	---	---	---

Bo 4 botlhe

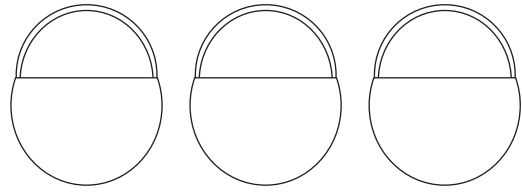
3	2	4	1	4	5	1	4	3
---	---	---	---	---	---	---	---	---

Bo 5 botlhe

5	3	7	1	4	5	5	0	3
---	---	---	---	---	---	---	---	---

Tirwana ya Ikhumiso 1.26

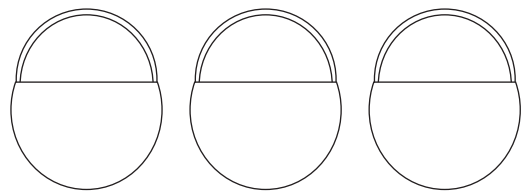
Tsenya diapole mo dirotong.



diapole di
le 2

diapole di le
3 gape

diapole di dinnye
ka 1



diapole di le 5

diapole
didinnye ka 4

diapole di
dintsinyana ka 3

Tirwana ya Ikhumiso 1.27

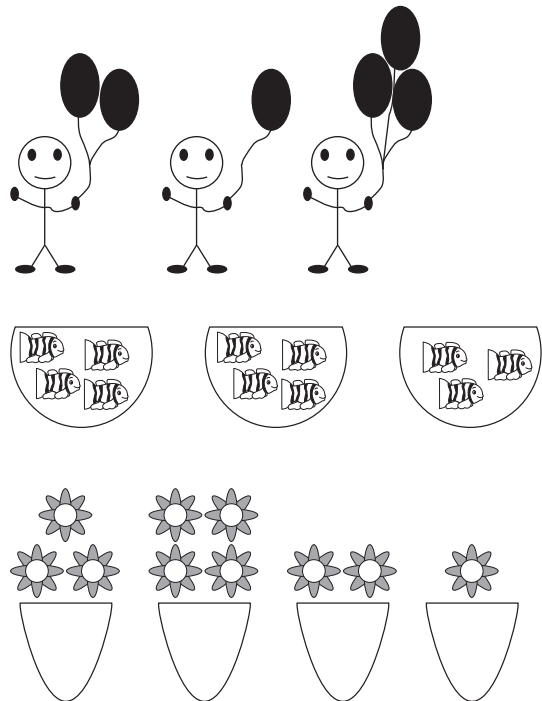
Ke eng se se boketenyana? Sekeletsa setshwantsho se se boketekete mo moleng mongwe le mongwe.



Tirwana ya Ikhumiso 1.28

Ke mang yo o neng a feteletse?

Sekeletsa setshwantsho.



Karabo ya Ikhumiso 1.25

Khalara tse di latelang:

Bo 2 botlhe

4	2	5	1	2	3	2	1	2
---	---	---	---	---	---	---	---	---

Bo 3 botlhe

ε	3	ε	ϣ	ε	3	3	ϣ	ε
---	---	---	---	---	---	---	---	---

Bo 4 botlhe

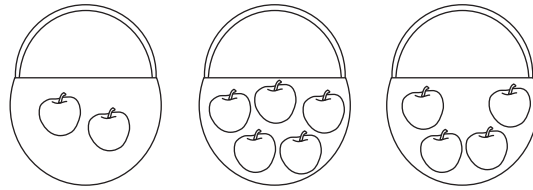
3	2	4	1	4	5	1	4	3
---	---	---	---	---	---	---	---	---

Bo 5 botlhe

5	3	7	1	4	5	5	0	3
---	---	---	---	---	---	---	---	---

Karabo ya Ikhumiso 1.2

Tsenya diapole mo dirotong.

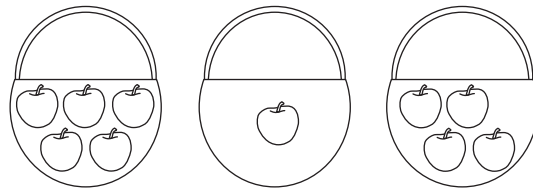


tlhano

diapole di
le 2

diapole di le
3 gape

diapole di dinnye
ka 1



diapole di
le 5

diapole di
dinnye ka 4

diapole di
dintsinyana ka 3

Karabo ya Ikhumiso 1.27

Ke eng se se boketenyana?

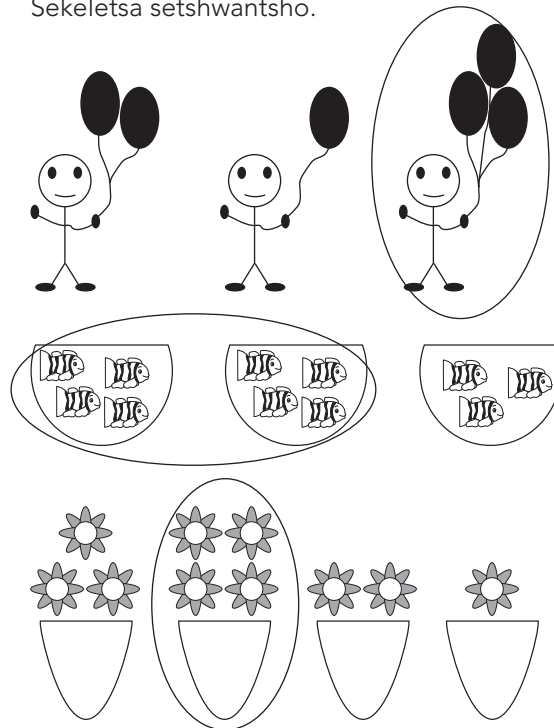
Sekeletsa setshwantsho se se boketekete mo
moleng mongwe le mongwe.



Karabo ya Ikhumiso 1.28


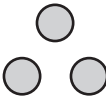
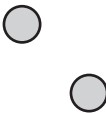
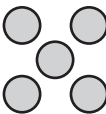
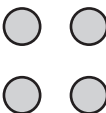
Ke mang yo o neng a feteletse?

Sekeletsa setshwantsho.



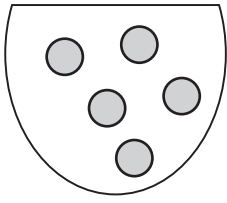
Tirwana ya Ikhumisoo 1.29

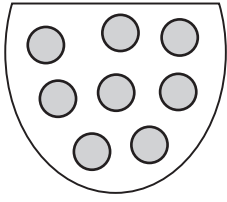
Nyalanya palo, leinapalo le dibadisi mmogo.

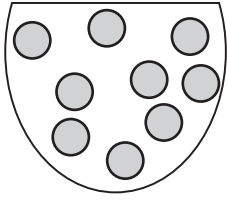
3	pedi	
1	ntlanu	
4	tharo	
5	nye	
2	nnew	

Tirwana ya Ikhumiso 1.30

O bona dimmabole di le kae?









Tirwana ya Ikhumiso 1.31


O kgona go bona dikwere di le kae?


Tirwana ya Ikhumiso 1.32

Feleletsa phethene.

 _____

 _____

 _____

 _____

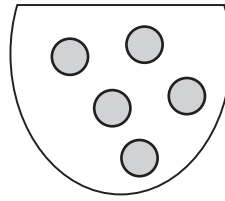
Karabo ya Ikhumiso 1.29

Nyalanya palo, leinapalo le dibadisi mmogo.

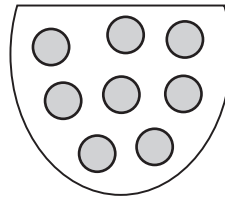
3	pedi	●
1	tlhano	● ● ●
4	tharo	● ●
5	nngwe	● ● ● ● ●
2	nnew	● ● ● ●

Karabo ya Ikhumiso 1.30

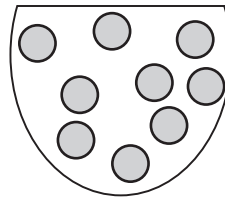
O bona dimmabole di le kae?



5



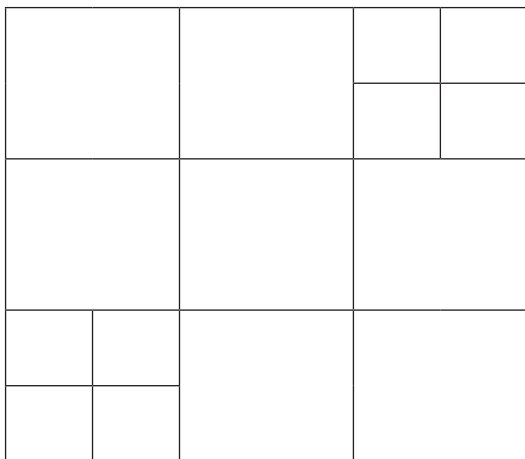
8



9

Karabo ya Ikhumiso 1.31

O kgona go bona dikwere di le kae?



21

Karabo ya Ikhumiso 1.32

Feleletsa phethene.

