

GRADE 3

TERM 3 2018

MATHEMATICS

ENGLISH / SEPEDI /

XITSONGA

RESOURCE PACK

PRINTABLE RESOURCES

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. 501–600 Number grid (Lesson 1)
2. 601–700 Number grid (Lesson 4)
3. 10–1 000 Number grid (Lesson 16)
4. Fraction strips (Lesson 30)
5. Fraction circles (Lesson 30)
6. Roll or slide worksheet (Lesson 40)
7. Multiplication table grid (see DBE Workbook) (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. 501–600 Number grid (Lesson 1)

501	502	503	504	505	506	507	508	509	500
511	512	513	514	515	516	517	518	519	510
521	522	523	524	525	526	527	528	529	530
531	532	533	534	535	536	537	538	539	540
541	542	543	544	545	546	547	548	549	550
551	552	553	554	555	556	557	558	559	560
561	562	563	564	565	566	567	568	569	570
571	572	573	574	575	576	577	578	579	580
581	582	583	584	585	586	587	588	589	590
591	592	593	594	595	596	597	598	599	600

2. 601–700 Number grid (Lesson 4)

601	602	603	604	605	606	607	608	609	610
611	612	613	614	615	616	617	618	619	620
621	622	623	624	625	626	627	628	629	630
631	632	633	634	635	636	637	638	639	640
641	642	643	644	645	646	647	648	649	650
651	652	653	654	655	656	657	658	659	660
661	662	663	664	665	666	667	668	669	670
671	672	673	674	675	676	677	678	679	680
681	682	683	684	685	686	687	688	689	690
691	692	693	694	695	696	697	698	699	700

3. 10–1 000 Number grid (Lesson 16)

10	20	30	40	50	60	70	80	90	100
110	120	130	140	150	160	170	180	190	200
210	220	230	240	250	260	270	280	290	300
310	320	330	340	350	360	370	380	390	400
410	420	430	440	450	460	470	480	490	500
510	520	530	540	550	560	570	580	590	600
610	620	630	640	650	660	670	680	690	700
710	720	730	740	750	760	770	780	790	800
810	820	830	840	850	860	870	880	890	900
910	920	930	940	950	960	970	980	990	1000

4. Fraction strips (Lesson 30)

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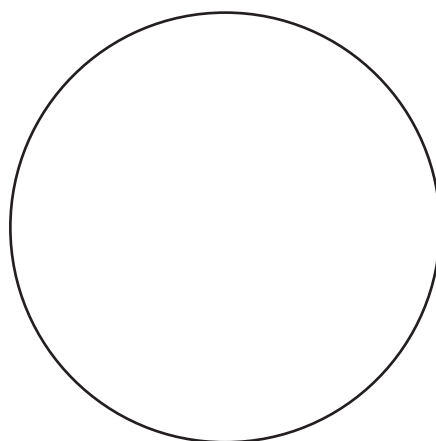
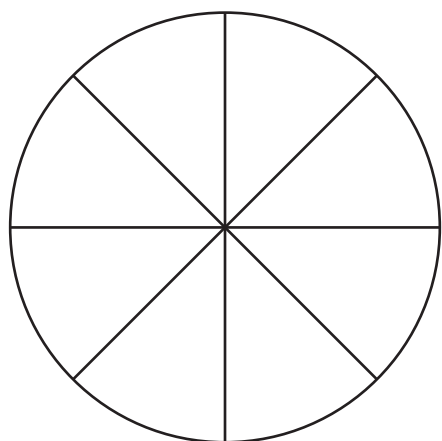
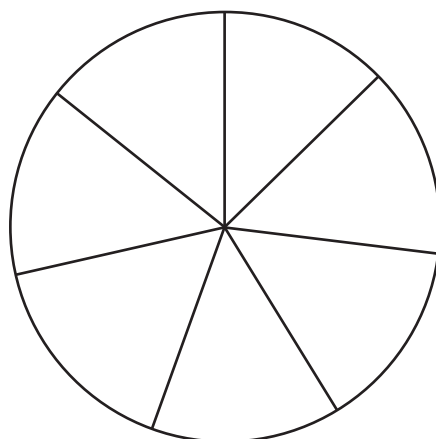
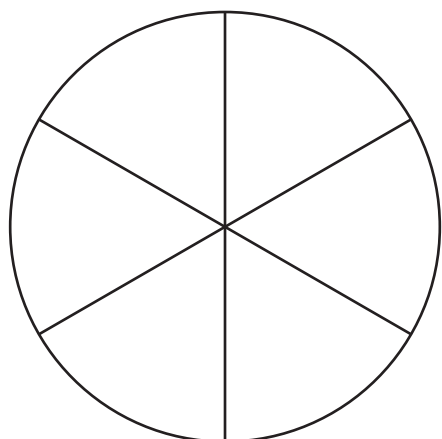
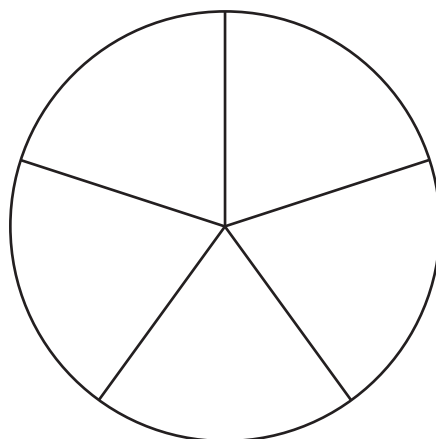
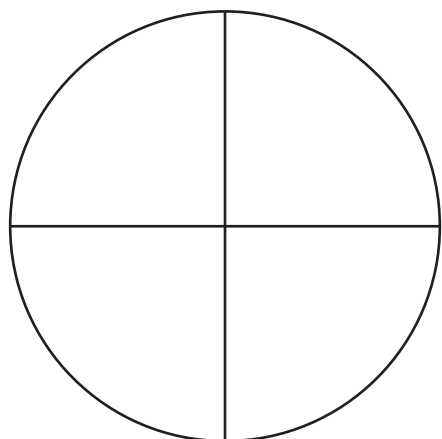
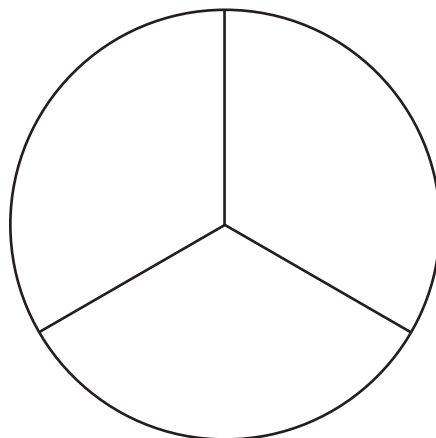
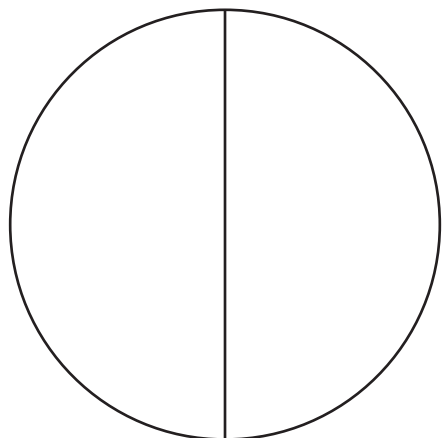
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5. Fraction circles (Lesson 30)



6. Roll or slide worksheet (Lesson 40)

	Draw	Roll?	Slide?
Cube			
Cone			
Prism			
Cylinder			
Pyramid			
Sphere			

	Draw	Roll?	Slide?
Cube			
Cone			
Prism			
Cylinder			
Pyramid			
Sphere			

SEPEDI**6. Lephephetšhomo la go Kgokologa goba go Thelela (Thuto 40)**

	Thala	Kgokologa?	Thelela?
Khube			
Khounu			
Phrisim			
Silintere			
Phiramiti			
Kgokolo			

	Thala	Kgokologa?	Thelela?
Khube			
Khounu			
Phrisim			
Silintere			
Phiramiti			
Kgokolo			

XITSONGA**6. Khunguluka kumbe rheta (Dyondzo 40)**

	Dirowa	Khunguluka?	Rheta?
Khubi			
Khoni			
Phirizimi			
Silindara			
Phiramidi			
Rhandzavula			

	Dirowa	Khunguluka?	Rheta?
Khubi			
Khoni			
Phirizimi			
Silindara			
Phiramidi			
Rhandzavula			

Mental Mathematics Challenge Cards: Bilingual Version - English / Sepedi

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

Addition number range 0–30

Karata ya Dipalo Hlohlo ya 1:

Go hlakantšha dinomoro magareng ga 0–30

1. $22 + 2 =$
2. $24 + 2 =$
3. $23 + 3 =$
4. $21 + 6 =$
5. $22 + 8 =$
6. $25 + 4 =$
7. $24 + 4 =$
8. $23 + 6 =$
9. $29 + 1 =$
10. $30 + 0 =$

Maths Challenge Card 2

Adding multiples of 10

Karata ya Dipalo Hlohlo ya 2:

Go hlakantšha diatišo tša -10

1. $32 + 20 = \underline{\quad}$
2. $65 + 30 = \underline{\quad}$
3. $58 + 40 = \underline{\quad}$
4. $38 + 50 = \underline{\quad}$
5. $21 + 60 = \underline{\quad}$
6. $74 + 20 = \underline{\quad}$
7. $15 + 30 = \underline{\quad}$
8. $46 + 40 = \underline{\quad}$
9. $63 + 30 = \underline{\quad}$
10. $58 + 40 = \underline{\quad}$

Maths Challenge Card 3

Subtracting multiples of 10

Karata ya Dipalo Hlohlo ya 3:

Go ntšha diatišo tša 10

1. $32 - 20 = \underline{\quad}$
2. $65 - 30 = \underline{\quad}$
3. $58 - 40 = \underline{\quad}$
4. $88 - 50 = \underline{\quad}$
5. $71 - 40 = \underline{\quad}$
6. $74 - 20 = \underline{\quad}$
7. $61 - 30 = \underline{\quad}$
8. $46 - 40 = \underline{\quad}$
9. $63 - 30 = \underline{\quad}$
10. $58 - 40 = \underline{\quad}$

Maths Challenge Card 4

Put the larger number first to add

Karata ya Dipalo Hlohlo ya 4:

Bea nomoro e kgolo pele go hlakantšha

1. $2 + 22 = \underline{\quad}$
2. $2 + 32 = \underline{\quad}$
3. $2 + 42 = \underline{\quad}$
4. $2 + 52 = \underline{\quad}$
5. $2 + 62 = \underline{\quad}$
6. $2 + 72 = \underline{\quad}$
7. $2 + 82 = \underline{\quad}$
8. $2 + 92 = \underline{\quad}$
9. $2 + 102 = \underline{\quad}$
10. $2 + 112 = \underline{\quad}$

Maths Challenge Card 1: Answers

Addition number range 0–30

Karata ya Dipalo Hlohlo ya 1: Dikarabo

Go hlakantšha dinomoro magareng ga 0–30

1. 24
2. 26
3. 26
4. 27
5. 30
6. 29
7. 28
8. 29
9. 30
10. 30

Maths Challenge Card 2: Answers

Adding multiples of 10

Karata ya Dipalo Hlohlo ya 2: Dikarabo

Go hlakantšha diatišo tša -10

1. 52
2. 95
3. 98
4. 88
5. 81
6. 94
7. 45
8. 86
9. 93
10. 98

Maths Challenge Card 3: Answers

Subtracting multiples of 10

Karata ya Dipalo Hlohlo ya 3: Dikarabo

Go ntšha diatišo tša 10

1. 12
2. 35
3. 18
4. 38
5. 31
6. 54
7. 31
8. 6
9. 33
10. 18

Maths Challenge Card 4: Answers

Put the larger number first to add

Karata ya Dipalo Hlohlo ya 4: Dikarabo

Bea nomoro e kgolo pele go hlakantšha

1. 24
2. 34
3. 44
4. 54
5. 64
6. 74
7. 84
8. 94
9. 104
10. 114

Maths Challenge Card 5

Put the larger number first to count back

Karata ya Dipalo Hloho ya 5:

Bea nomoro e kgolo pele go balela morago

1. ___ - 1 = 12
2. ___ - 2 = 14
3. ___ - 2 = 16
4. ___ - 2 = 18
5. ___ - 2 = 20
6. ___ - 6 = 9
7. ___ - 3 = 9
8. ___ - 5 = 9
9. ___ - 2 = 9
10. ___ - 4 = 9

Maths Challenge Card 6

Building up and breaking down strategies

Karata ya Dipalo Hloho ya 6:

Mekgwa/ditsela tša go aga le go thuba

1. $25 + 32 = \underline{\quad}$
2. $35 + 32 = \underline{\quad}$
3. $28 + 32 = \underline{\quad}$
4. $71 + 28 = \underline{\quad}$
5. $45 + 35 = \underline{\quad}$
6. $52 + 37 = \underline{\quad}$
7. $67 + 21 = \underline{\quad}$
8. $37 + 62 = \underline{\quad}$
9. $84 + 16 = \underline{\quad}$
10. $84 + 17 = \underline{\quad}$

Maths Challenge Card 7

Doubles and near doubles

Karata ya Dipalo Hloho ya 7:

Pedifatšo le kgauswi le pedifatšo

1. $20 + 20 = \underline{\quad}$
2. $20 + 21 = \underline{\quad}$
3. $20 + 19 = \underline{\quad}$
4. $40 - 20 = \underline{\quad}$
5. $40 - 19 = \underline{\quad}$
6. $40 - 21 = \underline{\quad}$
7. $30 + 31 = \underline{\quad}$
8. $30 + 29 = \underline{\quad}$
9. $60 - 29 = \underline{\quad}$
10. $60 - 31 = \underline{\quad}$

Maths Challenge Card 8

Use the relationship between multiplication and division

Karata ya Dipalo Hloho ya 8:

Šomiša tswalano/kamano magareng ga go atiša le go arola

1. $4 \times 10 = \underline{\quad}$
2. $10 \times 4 = \underline{\quad}$
3. $40 \div 10 = \underline{\quad}$
4. $40 \div 4 = \underline{\quad}$
5. $5 \times \underline{\quad} = 30$
6. $\underline{\quad} \times 4 = 24$
7. $3 \times \underline{\quad} = 15$
8. $30 \div \underline{\quad} = 10$
9. $\underline{\quad} \div 3 = 10$
10. $4 \times 8 = \underline{\quad}$

Maths Challenge Card 5: Answers

Put the larger number first to count back

Karata ya Dipalo Hlohlo ya 5: Dikarabo

Bea nomoro e kgolo pele go balela morago

1. 13
2. 16
3. 18
4. 20
5. 22
6. 15
7. 12
8. 14
9. 11
10. 13

Maths Challenge Card 6: Answers

Building up and breaking down strategies

Karata ya Dipalo Hlohlo ya 6: Dikarabo

Mekgwa/ditsela tša go aga le go thuba

1. 57
2. 67
3. 60
4. 99
5. 80
6. 89
7. 88
8. 99
9. 100
10. 101

Maths Challenge Card 7: Answers

Doubles and near doubles

Karata ya Dipalo Hlohlo ya 7: Dikarabo

Pedifatšo le kgauswi le pedifatšo

1. 40
2. 41
3. 39
4. 20
5. 21
6. 19
7. 61
8. 59
9. 31
10. 29

Maths Challenge Card 8: Answers

Use the relationship between multiplication and division

Karata ya Dipalo Hlohlo ya 8: Dikarabo

Šomiša tswalano/kamano magareng ga go atiša le go arola

1. 40
2. 40
3. 4
4. 10
5. 6
6. 6
7. 5
8. 3
9. 30
10. 32

Mental Mathematics Challenge Cards: Bilingual Version - English / Xitsonga

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Use of the mental mathematics challenge cards

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Maths Challenge Card 1

Addition number range 0–30

Khadi ra ntlhontlho wa Tinhlayo 1

Ku hlanganisa xaxameto wa tinomboro 0–30

1. $22 + 2 =$
2. $24 + 2 =$
3. $23 + 3 =$
4. $21 + 6 =$
5. $22 + 8 =$
6. $25 + 4 =$
7. $24 + 4 =$
8. $23 + 6 =$
9. $29 + 1 =$
10. $30 + 0 =$

Maths Challenge Card 2

Adding multiples of 10

Khadi ra ntlhotlho wa Tinhlayo 2

Ku hlanganisa hi ku andzisa-10

1. $32 + 20 = \underline{\quad}$
2. $65 + 30 = \underline{\quad}$
3. $58 + 40 = \underline{\quad}$
4. $38 + 50 = \underline{\quad}$
5. $21 + 60 = \underline{\quad}$
6. $74 + 20 = \underline{\quad}$
7. $15 + 30 = \underline{\quad}$
8. $46 + 40 = \underline{\quad}$
9. $63 + 30 = \underline{\quad}$
10. $58 + 40 = \underline{\quad}$

Maths Challenge Card 3

Subtracting multiples of 10

Khadi ra ntlhotlho wa Tinhlayo3

Ku susa hi miandziso-10

1. $32 - 20 = \underline{\quad}$
2. $65 - 30 = \underline{\quad}$
3. $58 - 40 = \underline{\quad}$
4. $88 - 50 = \underline{\quad}$
5. $71 - 40 = \underline{\quad}$
6. $74 - 20 = \underline{\quad}$
7. $61 - 30 = \underline{\quad}$
8. $46 - 40 = \underline{\quad}$
9. $63 - 30 = \underline{\quad}$
10. $58 - 40 = \underline{\quad}$

Maths Challenge Card 4

Put the larger number first to add

Khadi ra ntlhotlho wa Tinhlayo 4

Veka nomboro leyikulu ku sungula u hlanganisa

1. $2 + 22 = \underline{\quad}$
2. $2 + 32 = \underline{\quad}$
3. $2 + 42 = \underline{\quad}$
4. $2 + 52 = \underline{\quad}$
5. $2 + 62 = \underline{\quad}$
6. $2 + 72 = \underline{\quad}$
7. $2 + 82 = \underline{\quad}$
8. $2 + 92 = \underline{\quad}$
9. $2 + 102 = \underline{\quad}$
10. $2 + 112 = \underline{\quad}$

Maths Challenge Card 1: Answers

Addition number range 0–30

Khadi ra ntlhontlho wa Tihlayo 1:

Tinhlamulo

Ku hlanganisa xaxameto wa tinomboro 0–30

1. 24
2. 26
3. 26
4. 27
5. 30
6. 29
7. 28
8. 29
9. 30
10. 30

Maths Challenge Card 2: Answers

Adding multiples of 10

Khadi ra ntlhotlho wa Tihlayo 2: Tinhlamulo

Ku hlanganisa hi ku andzisa-10

1. 52
2. 95
3. 98
4. 88
5. 81
6. 94
7. 45
8. 86
9. 93
10. 98

Maths Challenge Card 3: Answers

Subtracting multiples of 10

Khadi ra ntlhothlo wa Tihlayo3: Tinhlamulo

Ku susa hi miandziso-10

1. 12
2. 35
3. 18
4. 38
5. 31
6. 54
7. 31
8. 6
9. 33
10. 18

Maths Challenge Card 4: Answers

Put the larger number first to add

Khadi ra ntlhotlho wa Tihlayo 4: Tinhlamulo

Veka nomboro leyikulu ku sungula u hlanganisa

1. 24
2. 34
3. 44
4. 54
5. 64
6. 74
7. 84
8. 94
9. 104
10. 114

Maths Challenge Card 5

Put the larger number first to count back

Khadi ra ntlhotlho wa Tinhlayo 5

Vekela nomboro leyikulu ku sungula u hlayela u ya endzhaku

1. ___ - 1 = 12
2. ___ - 2 = 14
3. ___ - 2 = 16
4. ___ - 2 = 18
5. ___ - 2 = 20
6. ___ - 6 = 9
7. ___ - 3 = 9
8. ___ - 5 = 9
9. ___ - 2 = 9
10. ___ - 4 = 9

Maths Challenge Card 6

Building up and breaking down strategies

Khadi ra ntlhotlho wa Tinhlayo 6

Ku aka na ku tlhantlha

1. $25 + 32 = \underline{\quad}$
2. $35 + 32 = \underline{\quad}$
3. $28 + 32 = \underline{\quad}$
4. $71 + 28 = \underline{\quad}$
5. $45 + 35 = \underline{\quad}$
6. $52 + 37 = \underline{\quad}$
7. $67 + 21 = \underline{\quad}$
8. $37 + 62 = \underline{\quad}$
9. $84 + 16 = \underline{\quad}$
10. $84 + 17 = \underline{\quad}$

Maths Challenge Card 7

Doubles and near doubles

Khadi ra ntlhotlho wa Tinhlayo 7

Ku mbirihata na kusuhi na ku mbirihata

1. $20 + 20 = \underline{\quad}$
2. $20 + 21 = \underline{\quad}$
3. $20 + 19 = \underline{\quad}$
4. $40 - 20 = \underline{\quad}$
5. $40 - 19 = \underline{\quad}$
6. $40 - 21 = \underline{\quad}$
7. $30 + 31 = \underline{\quad}$
8. $30 + 29 = \underline{\quad}$
9. $60 - 29 = \underline{\quad}$
10. $60 - 31 = \underline{\quad}$

Maths Challenge Card 8

Use the relationship between multiplication and division

Khadi ra ntlhotlho wa Tinhlayo 8

Ku tirhisa vuxaka exikarhi ka ku hlanganisa na ku avanyisa

1. $4 \times 10 = \underline{\quad}$
2. $10 \times 4 = \underline{\quad}$
3. $40 \div 10 = \underline{\quad}$
4. $40 \div 4 = \underline{\quad}$
5. $5 \times \underline{\quad} = 30$
6. $\underline{\quad} \times 4 = 24$
7. $3 \times \underline{\quad} = 15$
8. $30 \div \underline{\quad} = 10$
9. $\underline{\quad} \div 3 = 10$
10. $4 \times 8 = \underline{\quad}$

Maths Challenge Card 5: Answers

Put the larger number first to count back

Khadi ra ntlhotlho wa Tindhlayo 5: Tindhlamulo

Vekela nomboro leyikulu ku sungula u hlayela u ya endzhaku

1. 13
2. 16
3. 18
4. 20
5. 22
6. 15
7. 12
8. 14
9. 11
10. 13

Maths Challenge Card 6: Answers

Building up and breaking down strategies

Khadi ra ntlhotlho wa Tindhlayo 6: Tindhlamulo

Ku aka na ku tlhantlha

1. 57
2. 67
3. 60
4. 99
5. 80
6. 89
7. 88
8. 99
9. 100
10. 101

Maths Challenge Card 7: Answers

Doubles and near doubles

Khadi ra ntlhotlho wa Tindhlayo 7: Tindhlamulo

Ku mbirihata na kusuhi na ku mbirihata

1. 40
2. 41
3. 39
4. 20
5. 21
6. 19
7. 61
8. 59
9. 31
10. 29

Maths Challenge Card 8: Answers

Use the relationship between multiplication and division

Khadi ra ntlhotlho wa Tindhlayo 8: Tindhlamulo

Ku tirhisa vuxaka exikarhi ka ku hlenganisa na ku avanyisa

1. 40
2. 40
3. 4
4. 10
5. 6
6. 6
7. 5
8. 3
9. 30
10. 32

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 laminated cardboard 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 3.1

Who am I?

If you multiply me by 5, and add 3, you get 28.

When you divide me by 2, you get 5 with a remainder of 1.

Enrichment Activity 3.2

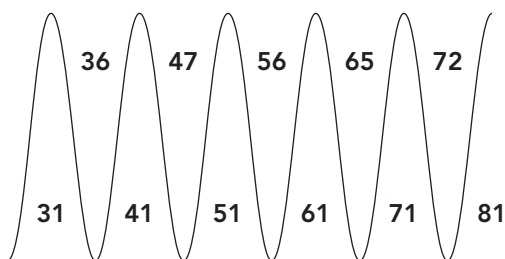
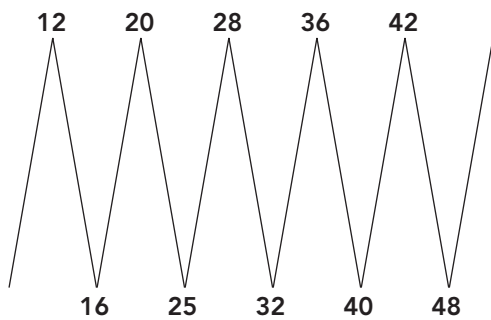
Who has the most money?

- Sarah has: two 20c coins, one R1 coin and five 5c coins.
- Peter has: ten 10c coins, two 50c coins and six 20c coins.
- Sipiwe has: two R1 coins and six 5c coins.

_____ has the most money.

Enrichment Activity 3.3

Spot the mistake



Enrichment Activity 3.4

Find the numbers

Find and colour all the pairs of blocks where two numbers that are next to, or underneath one another, will give you 60.

11	49	23	10
12	20	40	50
33	18	15	33
27	60	45	19
30	30	18	41

Enrichment Activity 3.1: Answers

Who am I?

If you multiply me by 5, and add 3, you get 28.

5

When you divide me by 2, you get 5 with a remainder of 1.

11

Enrichment Activity 3.2: Answers

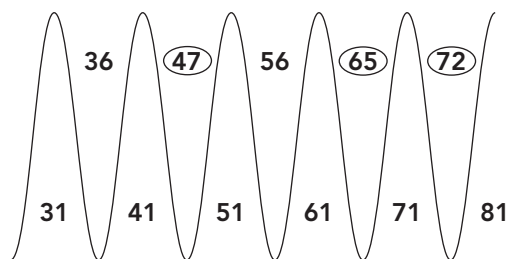
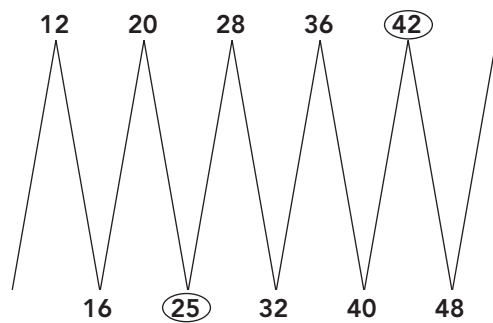
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- Sarah has: two 20c coins, one R1 coin and five 5c coins.
- Peter has: ten 10c coins, two 50c coins and six 20c coins.
- Sphiwe has: two R1 coins and six 5c coins.

Peter has the most money.

Enrichment Activity 3.3: Answers

Spot the mistake



Enrichment Activity 3.4: Answers

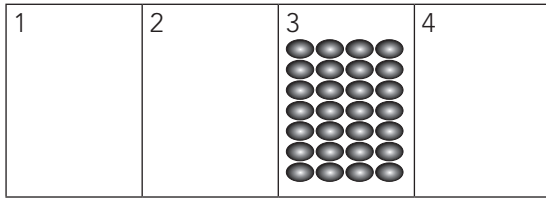
Find the numbers

Find and colour all the pairs of blocks where two numbers that are next to, or underneath one another, will give you 60.

11	49	23	10
12	20	40	50
33	18	15	33
27	60	45	19
30	30	18	41

Enrichment Activity 3.5

Brain teaser



Box 3 has 28 eggs in it.

Box 1 has half of that.

Box 4 has twice as many as box 1.

Box 2 has half of the amount of eggs than box 4.

How many eggs are there in box 1 and 2 altogether?

Enrichment Activity 3.6

Secret message

a	d	e	h	l	y	m	o	u	v	s	t
34	35	36	44	46	54	55	56	60	61	62	70

1. $17 + 18 = \underline{\quad}$
2. $51 + 5 = \underline{\quad}$
3. $21 + 33 = \underline{\quad}$
4. $12 + 44 = \underline{\quad}$
5. $30 + 30 = \underline{\quad}$
6. $11 + 35 = \underline{\quad}$
7. $41 + 15 = \underline{\quad}$
8. $19 + 42 = \underline{\quad}$
9. $18 + 18 = \underline{\quad}$
10. $10 + 45 = \underline{\quad}$
11. $17 + 17 = \underline{\quad}$
12. $70 + 0 = \underline{\quad}$
13. $12 + 32 = \underline{\quad}$
14. $13 + 48 = \underline{\quad}$

The answers, decoded in order, spell:

_____ ?

Enrichment Activity 3.7

Egyptian numerals 354 look like this:



What would these numbers look like:

121 _____

322 _____

Enrichment Activity 3.8

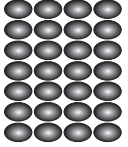
Find the numbers

Find and colour all the pairs of blocks where two numbers that are next to, or underneath one another, will give you 60.

15	60	0	36
3	1	51	23
0	44	16	37
25	35	29	12
17	50	11	19

Enrichment Activity 3.5: Answers

Brain teaser

1	2	3	4
			
14	14		28

Box 3 has 28 eggs in it.

Box 1 has half of that.

Box 4 has twice as many as box 1.

Box 2 has half of the amount of eggs than box 4.

How many eggs are there in box 1 and 2 altogether?

28

Enrichment Activity 3.6: Answers

Secret message

a	d	e	h	l	y	m	o	u	v	s	t
34	35	36	44	46	54	55	56	60	61	62	70

- $17 + 18 = \mathbf{35}$
- $51 + 5 = \mathbf{56}$
- $21 + 33 = \mathbf{54}$
- $12 + 44 = \mathbf{56}$
- $30 + 30 = \mathbf{60}$
- $11 + 35 = \mathbf{46}$
- $41 + 15 = \mathbf{56}$
- $19 + 42 = \mathbf{61}$
- $18 + 18 = \mathbf{36}$
- $10 + 45 = \mathbf{55}$
- $17 + 17 = \mathbf{34}$
- $70 + 0 = \mathbf{70}$
- $12 + 32 = \mathbf{44}$
- $13 + 48 = \mathbf{62}$

The answers, decoded in order, spell:

Do you love maths?

Enrichment Activity 3.7: Answers

Egyptian numerals 354 look like this:



What would these numbers look like:

121 

322 

Enrichment Activity 3.8: Answers

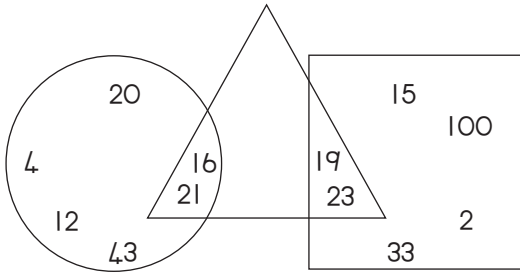
Find the numbers

Find and colour all the pairs of blocks where two numbers that are next to, or underneath one another, will give you 60.

15	60	0	36
3	1	51	23
0	44	16	37
25	35	29	12
17	50	11	19

Enrichment Activity 3.9

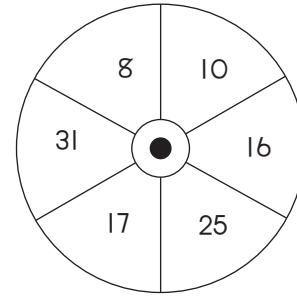
What is my number?



1. This number is in the circle.
It is half of 24. _____
2. This number is in the square.
If you double it, it becomes 30. _____
3. This number is in the triangle.
It is an odd number and is 2 less than 21.

Enrichment Activity 3.10

Playing darts



1. What is the highest score using 3 darts?

2. Ben's score is 49. Which three numbers did he get? _____, _____, _____.
3. Siphos's score is 34. Two darts hit the same number. Which number did he get?

Enrichment Activity 3.11

How many blocks?

A				
B				
C				
D				

- How many blocks are there in:
- Row A? _____
- Row C + D? _____
- Half of row B? _____
- All the rows together. _____

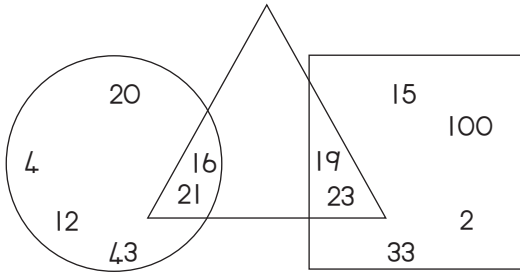
Enrichment Activity 3.12

Number 24

- _____ x 2 = 24
- _____ x 3 = 24
- _____ x 4 = 24
- _____ x 6 = 24
- _____ x 8 = 24
- _____ x 12 = 24

Enrichment Activity 3.9: Answers

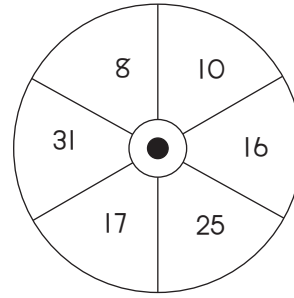
What is my number?



1. This number is in the circle.
It is half of 24. **12**
2. This number is in the square.
If you double it, it becomes 30. **15**
3. This number is in the triangle.
It is an odd number and is 2 less than 21.
19

Enrichment Activity 3.10: Answers

Playing darts



1. What is the highest score using 3 darts?
93
2. Ben's score is 49. Which three numbers did he get? **31, 8, 10.**
3. Siphon's score is 34. Two darts hit the same number. Which number did he get?
17

Enrichment Activity 3.11: Answers

How many blocks?

A				
B				
C				
D				

How many blocks are there in:

- Row A? **4**
- Row C + D? **8**
- Half of row B? **2**
- All the rows together. **16**

Enrichment Activity 3.12: Answers

Number 24

$$12 \times 2 = 24$$

$$8 \times 3 = 24$$

$$6 \times 4 = 24$$

$$4 \times 6 = 24$$

$$3 \times 8 = 24$$

$$2 \times 12 = 24$$

Enrichment Activity 3.13

Sms your mom



Which symbols do you see if you sms your mom this message: **I love you.**

Enrichment Activity 3.14

What is the message if you type these symbols?



- : * ? 2 4 + 9 9 2 3

* 6 (2 3 4 9 : + + "

Enrichment Activity 3.15

Add



Add all the numbers in the first row:

Add all the numbers in the second row:

Add all the numbers in the third row:

Add all three of your answers: _____

Enrichment Activity 3.16

Some more adding



Add all of the numbers in the column starting with 1: _____

Add all of the numbers in the column starting with 2: _____

Add all of the numbers in the column starting with 3: _____

Add all three of your answers:

Enrichment Activity 3.13: Answers

Sms your mom



Which symbols do you see if you sms your mom this message: **I love you.**

- " + ? 2) + _

Enrichment Activity 3.14: Answers

What is the message if you type these symbols?



- : * ? 2 4 + 9 9 2 3

U h a v e s o c c e r

* 6 (2 3 4 9 : + + "

a f t e r s c h o o l

U have soccer after school

Enrichment Activity 3.15: Answers

Add



Add all the numbers in the first row:

6

Add all the numbers in the second row:

15

Add all the numbers in the third row:

24

Add all three of your answers:

45

Enrichment Activity 3.16: Answers

Some more adding



Add all of the numbers in the column starting with 1: **12**

Add all of the numbers in the column starting with 2: **15**

Add all of the numbers in the column starting with 3: **18**

Add all three of your answers:

45

Enrichment Activity 3.17

Ordinal numbers

In the sentence:

The lion and the mouse went for a picnic.

Which is the twentieth letter? _____

In the sentence:

The lion ate the mouse.

Which is the eighth letter? _____

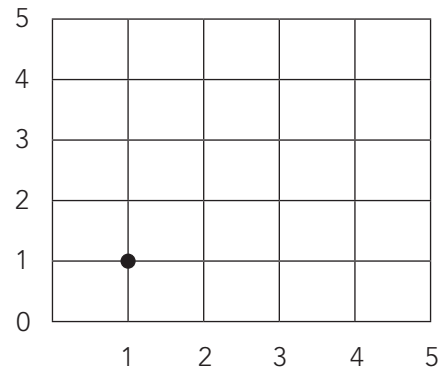
In the sentence:

What a lovely snack I had, little mouse!

Make a word with the tenth, twenty second, seventh and thirteenth letter.

Enrichment Activity 3.18

Connect the dots



Make a dot on 1-1, 3-4, 1-4 and 3-1.

Connect the dots.

What shape do you get?

Enrichment Activity 3.19

What is the number?

3 hundreds

4 tens more than the hundreds

3 less units than tens

2 hundreds

1 ten more than the hundreds

5 units more than the tens

5 hundreds

3 units more than the hundreds

4 tens less than the units

Enrichment Activity 3.20

Where did I come in the race?

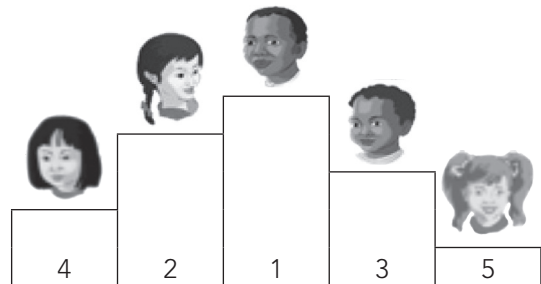
1. Imram came first.

2. Mary came second.

3. John came third.

4. Maryke came fifth.

5. I came _____.



Enrichment Activity 3.17: Answers

Ordinal numbers

In the sentence:

The lion and the mouse went for a picnic.

Which is the twentieth letter? **e**

In the sentence:

The lion ate the mouse.

Which is the eighth letter? **e**

In the sentence:

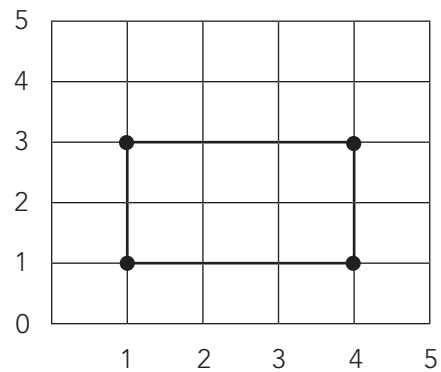
What a lovely snack I had, little mouse!

Make a word with the tenth, twenty second, seventh and thirteenth letter.

l i o n

Enrichment Activity 3.18: Answers

Connect the dots



Make a dot on 1-1, 3-4, 1-4 and 3-1.

Connect the dots.

What shape do you get?

rectangle

Enrichment Activity 3.19: Answers

What is the number?

3 hundreds

4 tens more than the hundreds

3 less units than tens

374

2 hundreds

1 ten more than the hundreds

5 units more than the tens

238

5 hundreds

3 units more than the hundreds

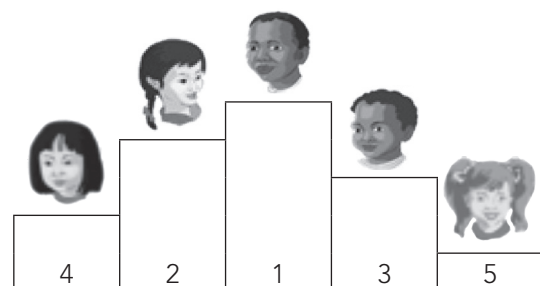
4 tens less than the units

548

Enrichment Activity 3.20: Answers

Where did I come in the race?

1. Imram came first.
2. Mary came second.
3. John came third.
4. Maryke came fifth.
5. I came **fourth**.



Enrichment Activity 3.21

Find your way

Start at the car and find your way through the maze to get to the mealie. Don't cross over any lines.



Enrichment Activity 3.22

Where is the number name?

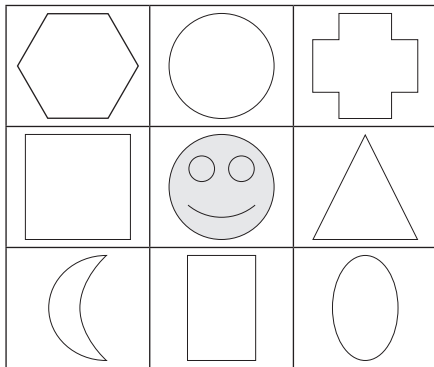
Where is the number name in the letter grid? Colour or circle each word.

h	x	i	b	h	f	s	b	m	j
t	s	v	d	i	g	c	s	d	k
e	v	i	f	y	t	n	e	w	t
v	b	t	x	i	q	r	j	g	h
l	h	r	a	t	d	b	z	p	r
e	f	r	l	n	y	f	m	a	r
w	p	p	u	z	p	v	k	n	e
t	l	h	e	l	e	v	e	n	o

11 5th 100 1
60 12th 25

Enrichment Activity 3.23

Who are my friends?



Draw the shape:

On my left.

Below me.

Above me.

On my right.

Enrichment Activity 3.24

Find the shape words.

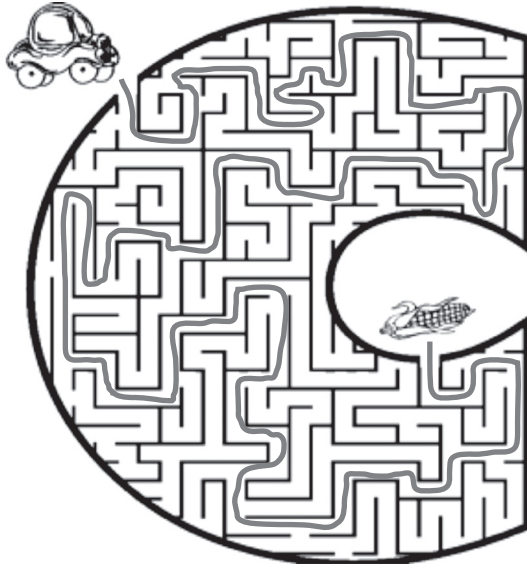
u	k	m	h	v	r	e	v	n	c	r	m	c	d	r
i	h	n	n	w	l	e	l	x	e	u	b	o	i	k
r	v	u	d	c	a	n	d	c	a	z	b	n	m	f
y	w	k	r	o	r	p	t	n	h	q	d	e	a	q
m	u	i	u	k	b	a	h	x	i	h	c	i	r	k
b	c	x	s	d	n	m	b	g	b	l	s	z	y	b
y	f	e	l	g	n	a	i	r	t	w	y	k	p	l
l	j	o	l	z	s	q	u	a	r	e	b	c	g	b
g	y	e	p	e	x	i	r	m	j	x	c	z	b	r
u	f	q	n	u	r	u	m	x	s	b	z	q	d	a

circle, cone, cube, cylinder, pyramid,
rectangle, square, triangle

Enrichment Activity 3.21: Answers

Find your way

Start at the car and find your way through the maze to get to the mealie. Don't cross over any lines.



Enrichment Activity 3.22: Answers

Where is the number name?

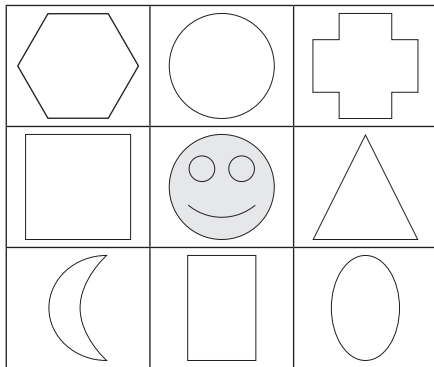
Where is the number name in the letter grid? Colour or circle each word.

h	x	i	b	h	f	s	b	m	j
t	s	v	d	i	g	c	s	d	k
e	v	i	f	y	t	n	e	w	t
v	b	t	x	i	q	r	j	g	h
l	h	r	a	t	d	b	z	p	r
e	f	r	l	n	y	f	m	a	r
w	p	p	u	z	p	v	k	n	e
t	l	h	e	l	e	v	e	n	o

11 5th 100 1
60 12th 25

Enrichment Activity 3.23: Answers

Who are my friends?



Draw the shape:

- On my left.
- Below me.
- Above me.
- On my right.

Enrichment Activity 3.24: Answers

Find the shape words.

u	k	m	h	v	r	e	v	n	c	r	m	c	d	r
i	h	n	n	w	l	e	l	x	e	u	b	o	i	k
r	v	u	d	c	a	n	d	c	a	z	b	n	m	f
y	w	k	r	o	r	p	t	n	h	q	d	e	a	q
m	u	i	u	k	b	a	h	x	i	h	c	i	r	k
b	c	x	s	d	n	m	b	g	b	l	s	z	y	b
y	f	e	l	g	n	a	i	r	t	w	y	k	p	l
l	j	o	l	z	s	q	u	a	r	e	b	c	g	b
g	y	e	p	e	x	i	r	m	j	x	c	z	b	r
u	f	q	n	u	r	u	m	x	s	b	z	q	d	a

circle, cone, cube, cylinder, pyramid,
rectangle, square, triangle

Enrichment Activity 3.25

Complete the Sudoku

Each quarter must have the numbers 1, 2, 3, and 4.






4		1	
1		2	4
	4		1
	1		2

Enrichment Activity 3.26

Money






Order the coins from the coins with the most value to the least value.

Only write the numbers.

1. 	2. 	3. 	4. 	5. 

Order coins from the coins with the least value to the most value.

Only write the numbers.

1. 	2. 	3. 	4. 	5. 

Enrichment Activity 3.27

What can I buy?

The following things are on sale:

T-shirt	R5,00
Cap	R15,00
Socks	R3,00
Shoes	R20,00
Skirt	R10,00
Pants	R10,00

I have R50, 00. What can I buy?

Enrichment Activity 3.28

Complete the Sudoku

1	2		
		2	1
2	4		
		4	2

Enrichment Activity 3.25: Answers

Complete the Sudoku

Each quarter must have the numbers 1, 2, 3, and 4.


4	2	1	3
1	3	2	4
2	4	3	1
3	1	4	2

Enrichment Activity 3.26: Answers

Money


Order the coins from the coins with the most value to the least value.

Only write the numbers.

1. 	2. 	3. 	4. 	5. 
3	4	1	5	2

Order coins from the coins with the least value to the most value.

Only write the numbers.

1. 	2. 	3. 	4. 	5. 
3	2	5	1	4

Enrichment Activity 3.27: Answers

What can I buy?

The following things are on sale:

- T-shirt R5,00
- Cap R15,00
- Socks R3,00
- Shoes R20,00
- Skirt R10,00
- Pants R10,00

I have R50, 00. What can I buy?

Example:

I can buy a cap, 2 pairs of socks, a t-shirt and a pair of shoes (total R46,00).

Enrichment Activity 3.28: Answers

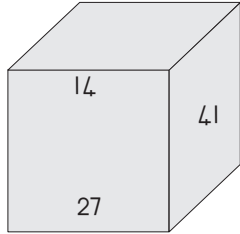
Complete the Sudoku

1	2	3	4
4	3	2	1
2	4	1	3
3	1	4	2

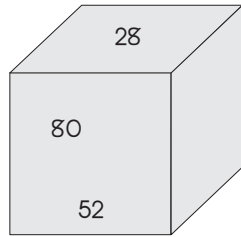
Enrichment Activity 3.29

Jumbled sums

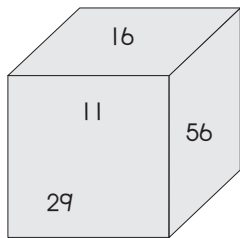
Use the numbers in the boxes to make a sum.



$$\square + \square = \square$$



$$\square + \square = \square$$

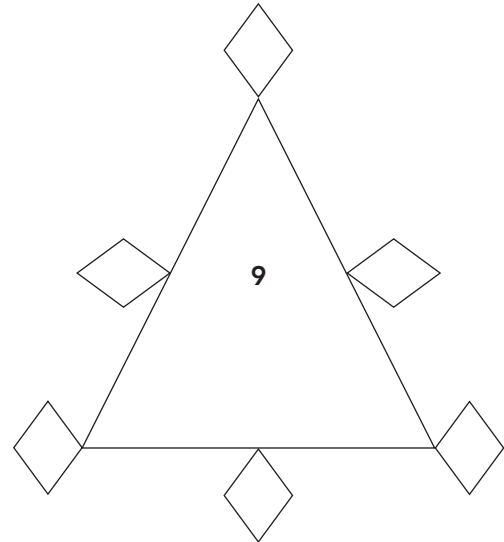


$$\square + \square + \square = \square$$

Enrichment Activity 3.30

Six numbers

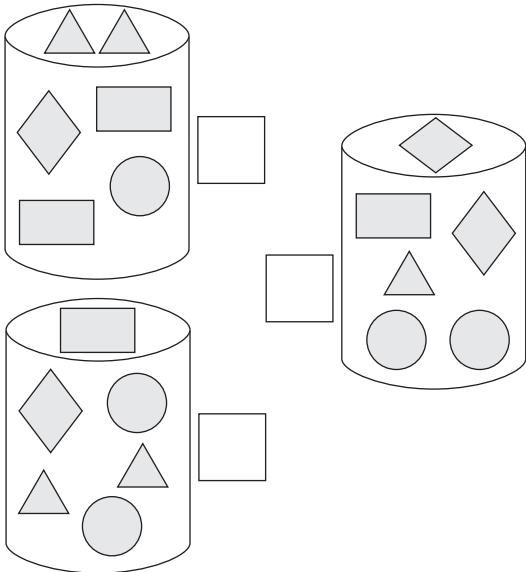
Place the numbers 1–6 in the diamonds so that each side of the triangle adds to the total inside the triangle.



Enrichment Activity 3.31

Value

What is the value of each cylinder if a rectangle is 6, a circle is 8, a triangle is 2 and a diamond is 10? Write the answer in the box.



Enrichment Activity 3.32

Colour to show the answer

Colour the numbers that will add up to the first number in the block.

37	3	15	2	9	7	8	1
----	---	----	---	---	---	---	---

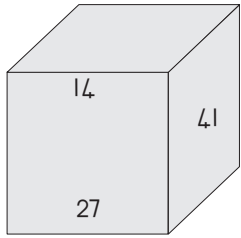
53	18	6	10	14	3	5	2
----	----	---	----	----	---	---	---

41	11	9	7	3	10	5	1
----	----	---	---	---	----	---	---

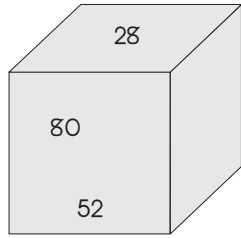
Enrichment Activity 3.29: Answers

Jumbled sums

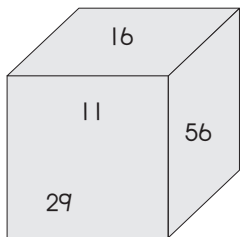
Use the numbers in the boxes to make a sum.



$$\boxed{27} + \boxed{14} = \boxed{41}$$



$$\boxed{52} + \boxed{28} = \boxed{80}$$

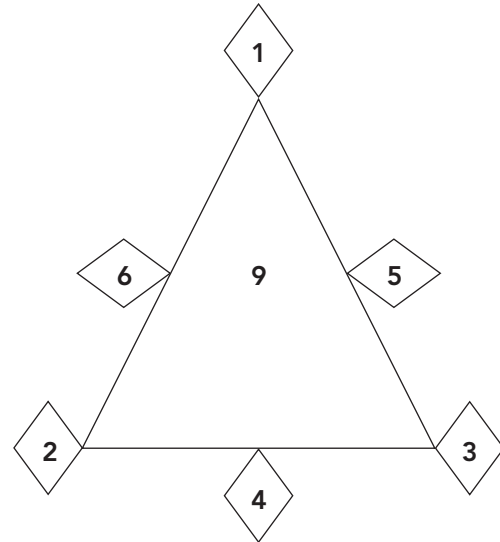


$$\boxed{16} + \boxed{29} + \boxed{11} = \boxed{56}$$

Enrichment Activity 3.30: Answers

Six numbers

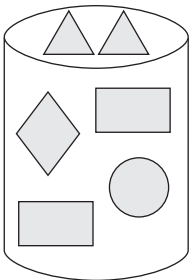
Place the numbers 1–6 in the diamonds so that each side of the triangle adds to the total inside the triangle.



Enrichment Activity 3.31: Answers

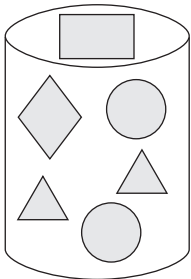
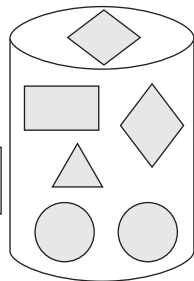
Value

What is the value of each cylinder if a rectangle is 6, a circle is 8, a triangle is 2 and a diamond is 10? Write the answer in the box.



$$\boxed{34}$$

$$\boxed{44}$$



$$\boxed{36}$$

Enrichment Activity 3.32: Answers

Colour to show the answer

Colour the numbers that will add up to the first number in the block.

37	3	15	2	9	7	8	1
----	---	----	---	---	---	---	---

53	18	6	10	14	3	5	2
----	----	---	----	----	---	---	---

41	11	9	7	3	10	5	1
----	----	---	---	---	----	---	---

Enrichment Activity Cards: Sepedi 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 laminated cardboard 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.

Mošongwana wa go oketša tsebo 3.1

Ke nna mang?

Ge o n-atiša ka 5, gomme wa
hlakantšha ka 3, o humana 28.

Ge o n-arola ka 2, o humana 5
gomme gwa šala 1.

Mošongwana wa go oketša tsebo 3.2

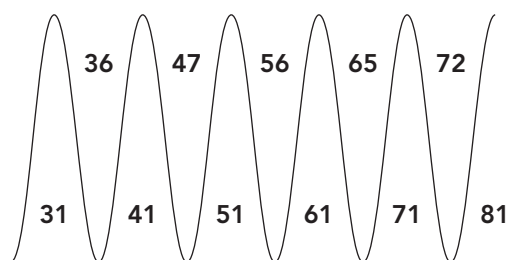
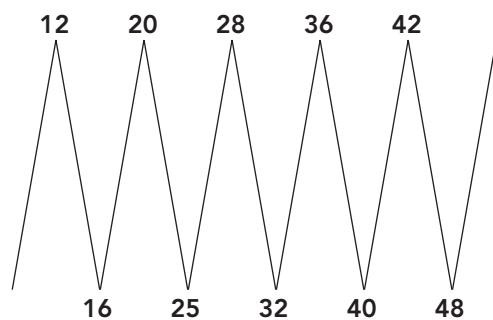
Ke mang yo a nago le tšhelete e ntši?

- Sarah o na le: di khoine tša 20c tše pedi,
Khoine e tee ya R1 le dikhoine tše 5 tša
5c.
- Peter o na le: di khoine tše lesome tša
10c, dikhoine tše pedi tša 50c le dikhoine
tše tshela tsa 20c.
- Sipiwe o na le: di khoine tše pedi tša R1
le dikhoine tše tshela tša 5c.

_____ o na le tšhelete e ntši

Mošongwana wa go oketša tsebo 3.3

Bontšha mo go nago le phošo



Mošongwana wa go oketša tsebo 3.4

Hwetša dinomoro

Hwetša le go khalara diphere kamoka tša
dipoloko mo dinomoro tšeo di lego kgauswi
le, goba ka fase ga engwe, di tla go fa 60.

11	49	23	10
12	20	40	50
33	18	15	33
27	60	45	19
30	30	18	41

**Mošongwana wa go oketša tsebo 3.1:
Dikarabo**

Ke nna mang?

Ge o n-atiša ka 5, gomme wa
hlakantšha ka 3, o humana 28.

5

Ge o n-arola ka 2, o humana 5
gomme gwa šala 1.

11

**Mošongwana wa go oketša tsebo 3.1:
Dikarabo**

Ke mang yo a nago le tšhelete e ntši?

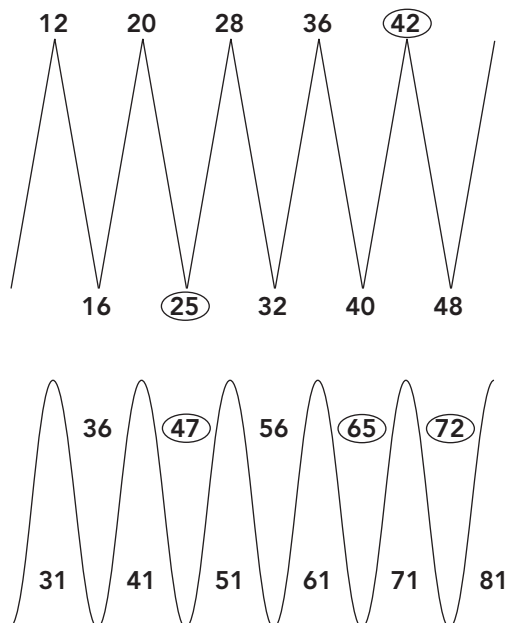
Sarah o na le: di khoine tša 20c tše pedi,
Khoine e tee ya R1 le dikhoine tše 5 tša
5c.

- Peter o na le: di khoine tše lesome tša
10c, dikhoine tše pedi tša 50c le dikhoine
tše tshela tsa 20c.
- Siphwe o na le: di khoine tše pedi tša R1
le dikhoine tše tshela tša 5c.

Peter o na le tšhelete e ntši

**Mošongwana wa go oketša tsebo 3.3:
Dikarabo**

Bontšha mo go nago le phošo



**Mošongwana wa go oketša tsebo 3.4:
Dikarabo**

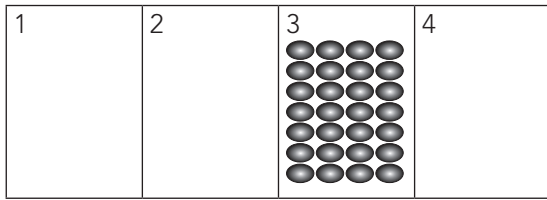
Hwetša dinomoro

Hwetša le go khalara diphere kamoka tša
dipoloko mo dinomoro tšeo di lego kgauswi
le, goba ka fase ga engwe, di tla go fa 60.

11	49	23	10
12	20	40	50
33	18	15	33
27	60	45	19
30	30	18	41

Mošongwana wa go oketša tsebo 3.5

Šišinyanya bjoko



Lepokisi la 3 le na le mae a 28 ka gare ga lona.

Lepokisi la 1 le na le seripagare sa seo.

Lepokisi la 4 le na le gabedi ga lepokisi la 1.

Lepokisi la 2 le na le seripagare sa palo ya mae go feta lepokisi la 4.

Naa go nale mae a ma kae ka gare ga lepokisi la 1 le la 2 ge a hlakane?

Mošongwana wa go oketša tsebo 3.6

Molaetsa wa sephiri

a	d	e	h	l	y	m	o	u	v	s	t
34	35	36	44	46	54	55	56	60	61	62	70

1. $17 + 18 = \underline{\quad}$
2. $51 + 5 = \underline{\quad}$
3. $21 + 33 = \underline{\quad}$
4. $12 + 44 = \underline{\quad}$
5. $30 + 30 = \underline{\quad}$
6. $11 + 35 = \underline{\quad}$
7. $41 + 15 = \underline{\quad}$
8. $19 + 42 = \underline{\quad}$
9. $18 + 18 = \underline{\quad}$
10. $10 + 45 = \underline{\quad}$
11. $17 + 17 = \underline{\quad}$
12. $70 + 0 = \underline{\quad}$
13. $12 + 32 = \underline{\quad}$
14. $13 + 48 = \underline{\quad}$

Dikarabo, hlagisitšwe ka tatelano, peleta.

_____ ?

Mošongwana wa go oketša tsebo 3.7

Nomoro ye 354 e lebelelega ka tsela ye go ya ka dinomoro tša seEgipeta:



Naa dinomoro tše di tla ba bjang:

121 _____

322 _____

Mošongwana wa go oketša tsebo 3.8

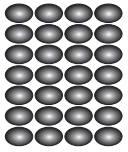
Hwetša dinomoro:

Hwetša le go khalaria diphere kamoka tša dipoloko mo dinomoro tšeo di lego kgauswi le, goba ka fase ga engwe, di tla go fa 60.

15	60	0	36
3	1	51	23
0	44	16	37
25	35	29	12
17	50	11	19

**Mošongwana wa go oketša tsebo 3.5:
Dikarabo**

Šišinyanya bjoko

1	2	3	4
			
14	14		28

Lepokisi la 3 le na le mae a 28 ka gare ga lona.

Lepokisi la 1 le na le seripagare sa seo.

Lepokisi la 4 le na le gabedi ga lepokisi la 1.

Lepokisi la 2 le na le seripagare sa palo ya mae go feta lepokisi la 4.

Naa go nale mae a ma kae ka gare ga lepokisi la 1 le la 2 ge a hlakane?

28

Mošongwana wa go oketša tsebo 3.6: Dikarabo

Molaetsa wa sephiri

a	d	e	h	l	y	m	o	u	v	s	t
34	35	36	44	46	54	55	56	60	61	62	70

- 17 + 18 = **35**
- 51 + 5 = **56**
- 21 + 33 = **54**
- 12 + 44 = **56**
- 30 + 30 = **60**
- 11 + 35 = **46**
- 41 + 15 = **56**
- 19 + 42 = **61**
- 18 + 18 = **36**
- 10 + 45 = **55**
- 17 + 17 = **34**
- 70 + 0 = **70**
- 12 + 32 = **44**
- 13 + 48 = **62**

Dikarabo, hlagisitšwe ka tatelano, peleta

:

Do you love maths?

**Mošongwana wa go oketša tsebo 3.7:
Dikarabo**

Nomoro ye 354 e lebelelega ka tsela ye go ya ka dinomoro tša seEgepete:



Naa dinomoro tše di tla ba bjang:

121 

322 

**Mošongwana wa go oketša tsebo 3.8:
Dikarabo**

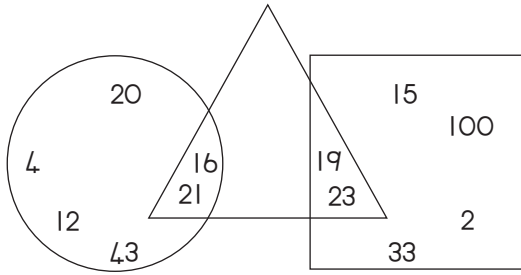
Batla dipalo

Hwetša le go khalaria diphere kamoka tša dipoloko mo dinomoro tšeo di lego kgauswi le, goba ka fase ga engwe, di tla go fa 60.

15	60	0	36
3	1	51	23
0	44	16	37
25	35	29	12
17	50	11	19

Mošongwana wa go oketša tsebo 3.9

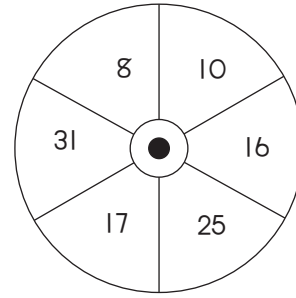
Naa nomoro ya ka ke efe?



1. Nomoro ye e ka gare ga sediko. Ke seripagare sa 24. _____
2. Nomoro ye e ka gare ga khutlonne. Ge o e pedifatša, e ba 30. _____
3. Nomoro ye e ka gare ga khutlotharo. Ke nomoro ya go selekanele ebile ke 2 ka fase ga 21. _____

Mošongwana wa go oketša tsebo 3.10

Raloka tsikele



1. Naa ke bokae dino tše digologolo ge o šomiša ditsekele tše 3? _____
2. Dino tša Ben ke 49. Naa ke dinomoro dife tše tharo tše a di humanego? _____, _____, _____.
3. Dino tša Sipho ke 34. Ditekele tše pedi di betha nomoro e tee. Naa ke nomoro efe a e humanago? _____

Mošongwana wa go oketša tsebo 3.11

Naa go na le dikhutlonne tše kae?

A				
B				
C				
D				

Naa go na le dipoloko tše kae mo:

Rei ya A? **4**

Direi tsa C + D? **8**

Seripagare sa rei ya B? **2**

Direi kamoka ge di kopane? **1**

Mošongwana wa go oketša tsebo 3.12

Nomoro ya 24

$$\underline{\quad} \times 2 = 24$$

$$\underline{\quad} \times 3 = 24$$

$$\underline{\quad} \times 4 = 24$$

$$\underline{\quad} \times 6 = 24$$

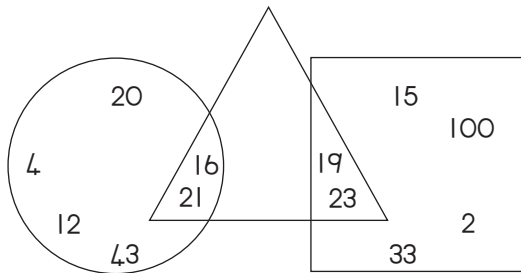
$$\underline{\quad} \times 8 = 24$$

$$\underline{\quad} \times 12 = 24$$

Mošongwana wa go oketša tsebo 3.9:

Dikarabo

Naa nomoro ya ka ke efe?

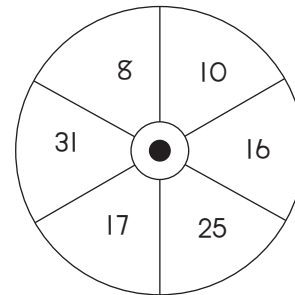


1. Nomoro ye e ka gare ga sediko. Ke seripagare sa 24. **12**
2. Nomoro ye e ka gare ga khutlonne. Ge o e pedifatša, e ba 30. **15**
3. Nomoro ye e ka gare ga khutlotharo. Ke nomoro ya go selekanele ebile ke 2 ka fase ga 21. **19**

Mošongwana wa go oketša tsebo 3.10:

Dikarabo

Raloka tsikele



1. Naa ke bokae dino tše digologolo ge o šomiša ditsekele tše 3? **93**
2. Dino tša Ben ke 49. Naa ke dinomoro dife tše tharo tšeo a di humanego? **31, 8, 10**
3. Dino tša Sipho ke 34. Ditekele tše pedi di betha nomoro e tee. Naa ke nomoro efe a e humanago? **17**

Mošongwana wa go oketša tsebo 3.11:

Dikarabo

Naa go na le dikhutlonne tše kae?

A				
B				
C				
D				

Naa go na le dipoloko tše kae mo:

Rei ya A? **4**

Direi tsa C + D? **8**

Seripagare sa rei ya B? **2**

Direi kamoka ge di kopane? **1**

Mošongwana wa go oketša tsebo 3.12:

Dikarabo

Nomoro ya 24

$$12 \times 2 = 24$$

$$8 \times 3 = 24$$

$$6 \times 4 = 24$$

$$4 \times 6 = 24$$

$$3 \times 8 = 24$$

$$2 \times 12 = 24$$

Mošongwana wa go oketša tsebo 3.13

Sms your mom



Which symbols do you see if you sms your mom this message: **I love you.**

Mošongwana wa go oketša tsebo 3.14

What is the message if you type these symbols?



- : * ? 2 4 + 9 9 2 3

* 6 (2 3 4 9 : + + "

Mošongwana wa go oketša tsebo 3.15

Add



Add all the numbers in the first row:

Add all the numbers in the second row:

Add all the numbers in the third row:

Add all three of your answers: _____

Mošongwana wa go oketša tsebo 3.16

Some more adding



Add all of the numbers in the column starting with 1: _____

Add all of the numbers in the column starting with 2: _____

Add all of the numbers in the column starting with 3: _____

Add all three of your answers:

**Mošongwana wa go oketša tsebo 3.13:
Dikarabo**

Sms your mom



Which symbols do you see if you sms your mom this message: **I love you.**

- " + ? 2) + _

**Mošongwana wa go oketša tsebo 3.14:
Dikarabo**

What is the message if you type these symbols?



- : * ? 2 4 + 9 9 2 3

U h a v e s o c c e r

* 6 (2 3 4 9 : + + "

a f t e r s c h o o l

U have soccer after school

**Mošongwana wa go oketša tsebo 3.15:
Dikarabo**

Add



Add all the numbers in the first row:

6

Add all the numbers in the second row:

15

Add all the numbers in the third row:

24

Add all three of your answers:

45

**Mošongwana wa go oketša tsebo 3.16:
Dikarabo**

Some more adding



Add all of the numbers in the column starting with 1: **12**

Add all of the numbers in the column starting with 2: **15**

Add all of the numbers in the column starting with 3: **18**

Add all three of your answers:

45

Mošongwana wa go oketša tsebo 3.17

Lebalatatelano

Mo lefokong:

Tau le legotlo di ile pikniking.

Ke efe tlhaka ya bolesome? _____

Mo lefokong:

Tau e jele legotlo.

Ke efe tlhaka ya boleswai? _____

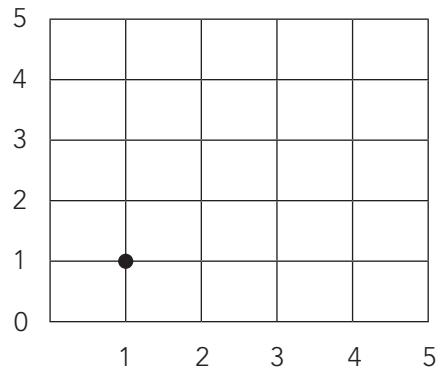
Mo lefokong:

Re jele seneke sa maemo, gwa realo legotlwana!

Dira lentšu u ka tlhaka ya bolesome, masomepedipedi, bošupa le ya bolesometharo.

Mošongwana wa go oketša tsebo 3.18

Kopanya dikhutlo



Dira khutlo mo 1-1, 3-4, 1-4 le 3-1. Kopanya dikhutlo.

Naa o humana sebopego se se bjang?

Mošongwana wa go oketša tsebo 3.19

Ke nomoro efe?

Makgolo a 3

Masome a 4 go feta makgolo metšo e 3 ka fase ga masome

Makgolo a 2

Lesome le 1 go feta makgolo Metšo e 5 go feta masome

Makgolo a 5

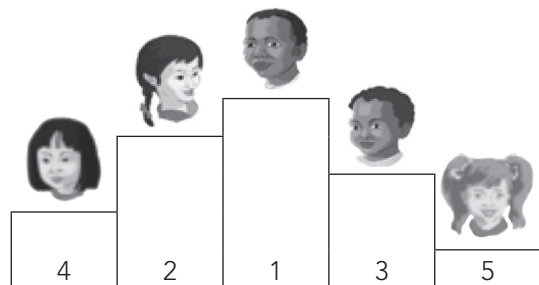
Metšo e 3 go feta makgolo

Masome a 4 ka fase ga metšo _____

Mošongwana wa go oketša tsebo 3.20

Ke tšwile nomoro efe mo mojangong?

1. Imram o tšwile nomoro ya pele.
2. Mary o tšwile nomoro ya bobedi.
3. John o tšwile nomoro ya boraro.
4. Maryke o tšwile nomoro ya bohloro.
5. Ke tšwile nomoro ya _____.



Mošongwana wa go oketša tsebo: Dikarabo

Lebalatatelano

Mo lefokong:

Tau le legotlo di ile pikniking.

Ke efe tlhaka ya bolesome? _____

Mo lefokong:

Tau e jele legotlo.

Ke efe tlhaka ya boleswai? _____

Mo lefokong:

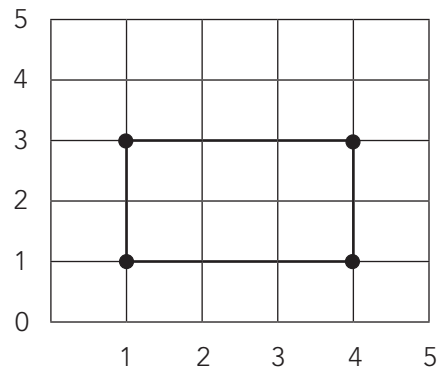
Re jele seneke sa maemo, gwa realo legotlwana!

Dira lentšu u ka tlhaka ya bolesome, masomepedipedi, bošupa le ya bolesometharo.

lion

Mošongwana wa go oketša tseb 3.18: Dikarabo

Kopanya dikhutlo



Dira khutlo mo 1-1, 3-4, 1-4 le 3-1. Kopanya dikhutlo.

Naa o humana sebopego se se bjang?

Khutlonnethwii

Mošongwana wa go oketša tsebo 3.19: Dikarabo

Ke nomoro efe?

Makgolo a 3

Masome a 4 go feta makgolo metšo e 3 ka fase ga masome

374

Makgolo a 2

Lesome le 1 go feta makgolo Metšo e 5 go feta masome

238

Makgolo a 5

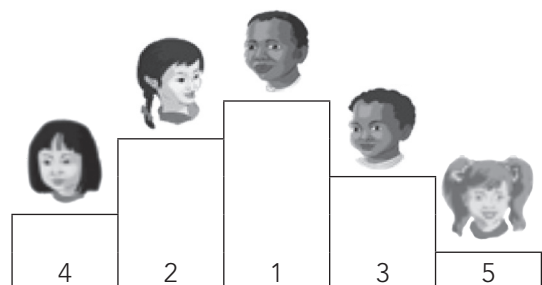
Metšo e 3 go feta makgolo

Masome a 4 ka fase ga metšo **548**

Mošongwana wa go oketša tsebo 3.20: Dikarabo

Ke tšwile nomoro efe mo mojangong?

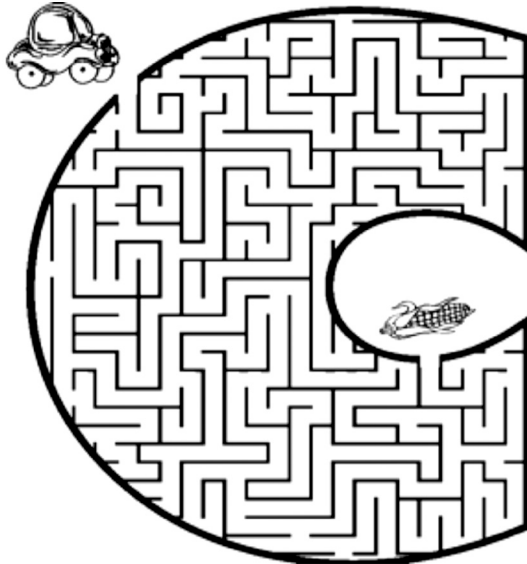
1. Imram o tšwile nomoro ya pele.
2. Mary o tšwile nomoro ya bobedi.
3. John o tšwile nomoro ya boraro.
4. Maryke o tšwile nomoro ya bohloro.
5. Ke tšwile nomoro ya **bone**.



Mošongwana wa go oketša tsebo 3.21

Hwetša tsela ya gago

Thoma mo koloing gomme o hwetše tsela ya gago ka gare ga maze go fihla mo lefeleng. O seke tshela/fofa methaladi.



Mošongwana wa go oketša tsebo 3.22

Naa paloina e mo kae?

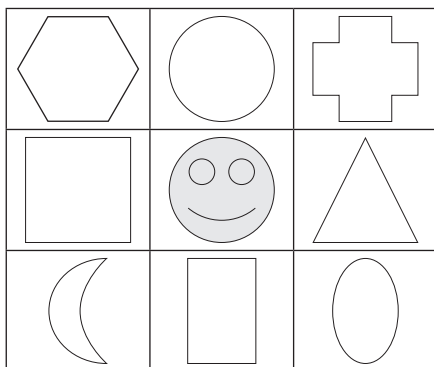
Naa paloina e mo kae mo kriting ya ditlhaka? Khalara goba ageletsa lentsu le lengwe le lengwe.

h	x	i	b	h	f	s	b	m	j
t	s	v	d	i	g	c	s	d	k
e	v	i	f	y	t	n	e	w	t
v	b	t	x	i	q	r	j	g	h
l	h	r	a	t	d	b	z	p	r
e	f	r	l	n	y	f	m	a	r
w	p	p	u	z	p	v	k	n	e
t	l	h	e	l	e	v	e	n	o

11 5th 100 1
60 12th 25

Mošongwana wa go oketša tsebo 3.23

Ke bo mang bagwera ba ka?



Thala sebopego:

Go la ngele.

Ka fase ga ka.

Ka godimo ga ka.

Go la go ja.

Mošongwana wa go oketša tsebo 3.24

Hwetša dibopego tša mantšu.

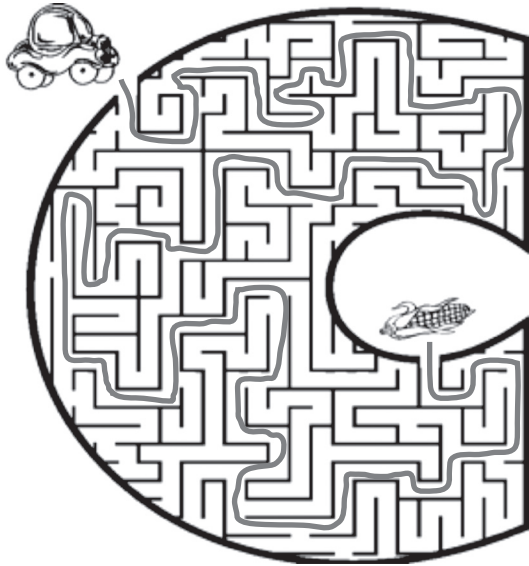
u	k	m	h	v	r	e	v	n	c	r	m	c	d	r
i	h	n	n	w	l	e	l	x	e	u	b	o	i	k
r	v	u	d	c	a	n	d	c	a	z	b	n	m	f
y	w	k	r	o	r	p	t	n	h	q	d	e	a	q
m	u	i	u	k	b	a	h	x	i	h	c	i	r	k
b	c	x	s	d	n	m	b	g	b	l	s	z	y	b
y	f	e	l	g	n	a	i	r	t	w	y	k	p	l
l	j	o	l	z	s	q	u	a	r	e	b	c	g	b
g	y	e	p	e	x	i	r	m	j	x	c	z	b	r
u	f	q	n	u	r	u	m	x	s	b	z	q	d	a

circle, cone, cube, cylinder, pyramid,
rectangle, square, triangle

**Mošongwana wa go oketša tsebo 3.21:
Dikarabo**

Hwetša tsela ya gago

Thoma mo koloing gomme o hwetše tsela ya gago ka gare ga maze go fihla mo lefeleng. O seke tshela/fofa methaladi.



**Mošongwana wa go oketša tsebo 3.22:
Dikarabo**

Naa paloina e mo kae?

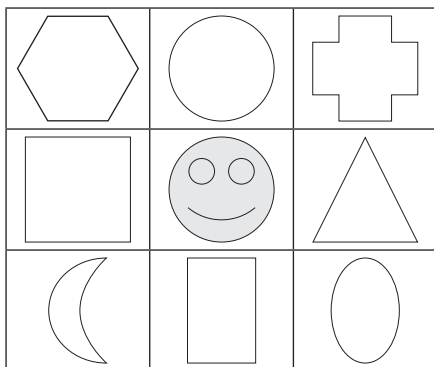
Naa paloina e mo kae mo kriting ya ditlhaka? Khalara goba ageletsa lentsu le lengwe le lengwe..

h	x	i	b	h	f	s	b	m	j
t	s	v	d	i	g	c	s	d	k
e	v	i	f	y	t	n	e	w	t
v	b	t	x	i	q	r	j	g	h
l	h	r	a	t	d	b	z	p	r
e	f	r	l	n	y	f	m	a	r
w	p	p	u	z	p	v	k	n	e
t	l	h	e	l	e	v	e	n	o

11 5th 100 1
60 12th 25

**Mošongwana wa go oketša tsebo 3.23:
Dikarabo**

Ke bo mang bagwera ba ka?



Thala sebopego:

Go la ngele.



Ka fase ga ka.



Ka godimo ga ka.



Go la go ja.



**Mošongwana wa go oketša tsebo 3.24:
Dikarabo**

Hwetša dibopego tša mantšu.

u	k	m	h	v	r	e	v	n	c	r	m	c	d	r
i	h	n	n	w	l	e	l	x	e	u	b	o	i	k
r	v	u	d	c	a	n	d	c	a	z	b	n	m	f
y	w	k	r	o	r	p	t	n	h	q	d	e	a	q
m	u	i	u	k	b	a	h	x	i	h	c	i	r	k
b	c	x	s	d	n	m	b	g	b	l	s	z	y	b
y	f	e	l	g	n	a	i	r	t	w	y	k	p	l
l	j	o	l	z	s	q	u	a	r	e	b	c	g	b
g	y	e	p	e	x	i	r	m	j	x	c	z	b	r
u	f	q	n	u	r	u	m	x	s	b	z	q	d	a

circle, cone, cube, cylinder, pyramid,
rectangle, square, triangle

Mošongwana wa go oketša tsebo 3.25

Feleletša Sudoku






Kotara engwe le engwe e swanetše go ba le dinomoro tše 1, 2, 3, le 4.

4		1	
1		2	4
	4		1
	1		2






Mošongwana wa go oketša tsebo 3.26

Tšhelete

Tlhopha dikhoine go tloga ka khoine ya boleng bo bontši go fihla ka boleng bo bo nnyane. Ngwala fela dinomoro.

1. 	2. 	3. 	4. 	5. 

Tlhopha dikhoine go tloga ka khoine ya boleng bo bonnyane go fihla ka boleng bo bontši. Ngwala fela dinomoro.

1. 	2. 	3. 	4. 	5. 

Mošongwana wa go oketša tsebo 3.27

Ke eng ye nka e rekago?

Dilo tše di latelago di theošitšwe:

Sekhipha R5,00

Kepisi R15,00

Disokisi R3,00

Dieta R20,00

Sekhethe R10,00

Borokgo R10,00

Ken a le R50, 00. Naa nka reka eng?

Mošongwana wa go oketša tsebo 3.28

Feleletša Sudoku

1	2		
		2	1
2	4		
		4	2

**Mošongwana wa go oketša tsebo 3.25:
Dikarabo**

Feleletša Sudoku

Kgweditsharo nngwe le nngwe e tshwanetse go nna le dinomoro tsa 1, 2, 3, le 4.

4	2	1	3
1	3	2	4
2	4	3	1
3	1	4	2

**Mošongwana wa go oketša tsebo 3.26:
Dikarabo**

Tšhelete

Tlhopha dikhoine go tloga ka khoine ya boleng bo bontši go fihla ka boleng bo bo nnyane. Ngwala fela dinomoro.

1. 	2. 	3. 	4. 	5. 
3	4	1	5	2

Tlhopha dikhoine go tloga ka khoine ya boleng bo bonnyane go fihla ka boleng bo bontši. Ngwala fela dinomoro.

1. 	2. 	3. 	4. 	5. 
3	2	5	1	4

**Mošongwana wa go oketša tsebo 3.27:
Dikarabo**

Ke eng ye nka e rekago?

Dilo tše di latelago di theošitšwe:

Sekhipha R5,00

Kepisi R15,00

Disokisi R3,00

Dieta R20,00

Sekhetho R10,00

Borokgo R10,00

Ken a le R50, 00. Naa nka reka eng?

Mohlala: Nka reka kepisi, diphere tša masokisi, sekhipha le diphere tša dieta (Palomoka R46,00).

**Mošongwana wa go oketša tsebo 3.28:
Dikarabo**

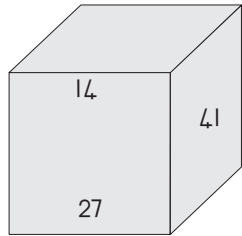
Feleletša Sudoku

1	2	3	4
4	3	2	1
2	4	1	3
3	1	4	2

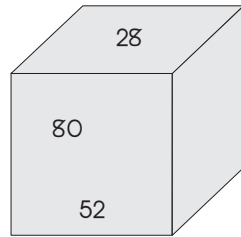
Mošongwana wa go oketša tsebo 3.29

Dipalo

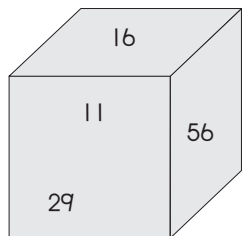
Šomiša dinomoro ka mapokising go dira dipalo.



$$\square + \square = \square$$



$$\square + \square = \square$$

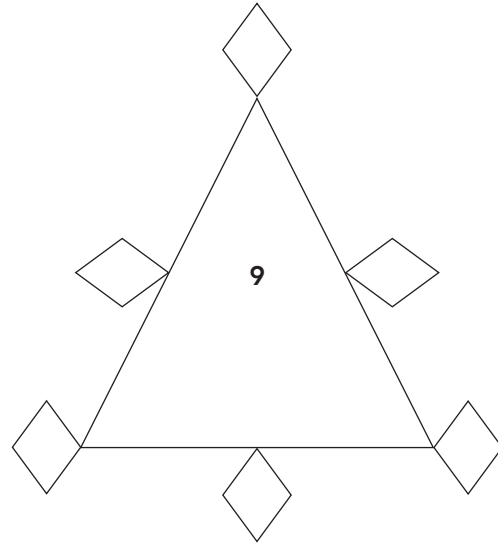


$$\square + \square + \square = \square$$

Mošongwana wa go oketša tsebo 3.30

Dinomoro tše tshela

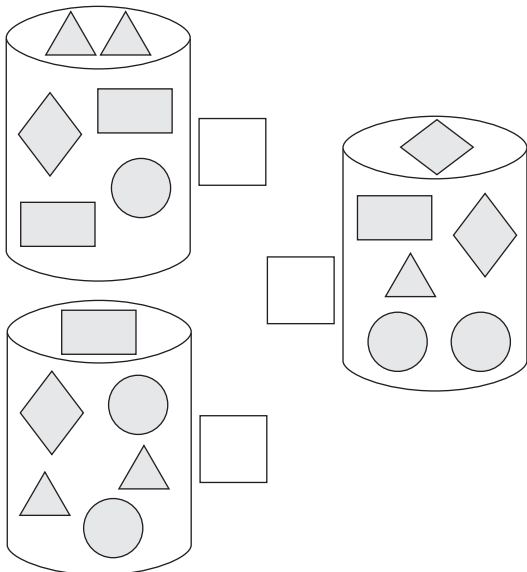
Tlhopha dinomoro go tloga 1–6 ka gare ga taamane gore lehlakore le lengwe le le lengwe la dikhutlotharo ge lehlakakana le dira palomoka ya bokagare bja khutlotharo.



Mošongwana wa go oketša tsebo 3.31

Boleng

Naa ke eng boleng bja silintara engwe le engwe ge khutlonnethwii ke 4, sediko ke 3, khutlotharo ke e1 le taamane ke tše 10? Ngwala karabo ka gare ga lepokisi.



Mošongwana wa go oketša tsebo 3.32

Khalara go bontšha karabo

Khalara dinomoro tšeo o tla di hlakantšhago tša bopa/dira nomoro ya mathomo mo reing ya dipoloko.

37	3	15	2	9	7	8	1
----	---	----	---	---	---	---	---

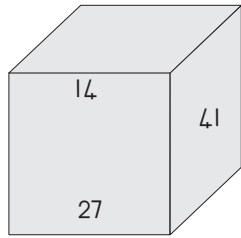
53	18	6	10	14	3	5	2
----	----	---	----	----	---	---	---

41	11	9	7	3	10	5	1
----	----	---	---	---	----	---	---

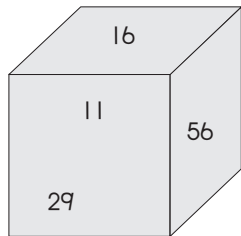
Mošongwana wa go oketša tsebo 3.29:
Dikarabo

Dipalo

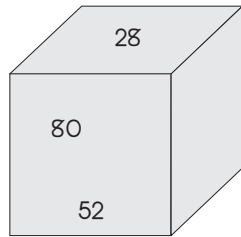
Šomiša dinomoro ka mapokising go dira dipalo.



$$27 + 14 = 41$$



$$16 + 29 + 11 = 56$$

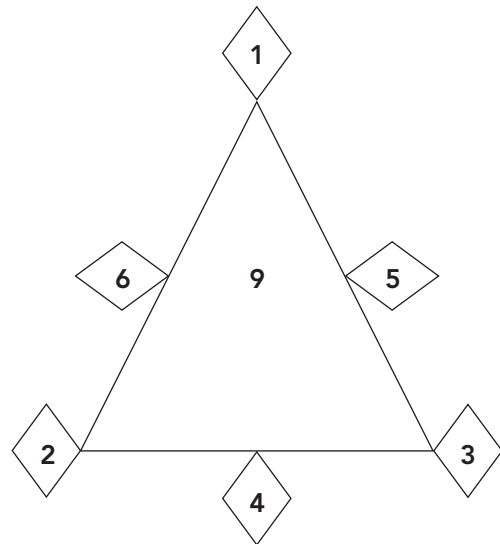


$$52 + 28 = 80$$

Mošongwana wa go oketša tsebo 3.30:
Dikarabo

Dinomoro tše tshela

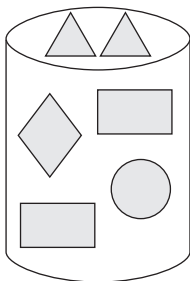
Tlhopha dinomoro go tloga 1–6 ka gare ga taamane gore lehlakore le lengwe le le lengwe la dikhutlotharo ge lehlakakana le dira palomoka ya bokagare bja khutlotharo.



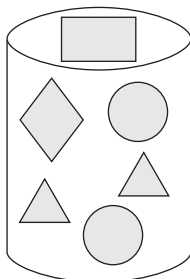
Mošongwana wa go oketša tsebo 3.31:
Dikarabo

Boleng

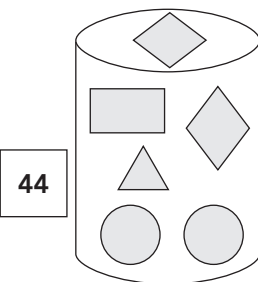
Naa ke eng boleng bja silintara engwe le engwe ge khutlonnethwii ke 4, sediko ke 3, khutlotharo ke e1 le taamane ke tše 10? Ngwala karabo ka gare ga lepokisi.



34



36



44

Mošongwana wa go oketša tsebo 3.32:
Dikarabo

Khalara go bontšha karabo

Khalara dinomoro tšeo o tla di hlakantšhago tša bopa/dira nomoro ya mathomo mo reing ya dipoloko.

37	3	15	2	9	7	8	1
----	---	----	---	---	---	---	---

53	18	6	10	14	3	5	2
----	----	---	----	----	---	---	---

41	11	9	7	3	10	5	1
----	----	---	---	---	----	---	---

Enrichment Activity Cards: Xitsonga 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 laminated cardboard 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.

Minghingiriko yo Fumisa 3.1

Hi mina mani?

Loko u ndzi andzisa 5,
u hlanganisa 3, u kuma 28.

Loko u ndzi avanyisa hi 2,
u kuma 5 ku ta sala 1.

Minghingiriko yo Fumisa 3.2

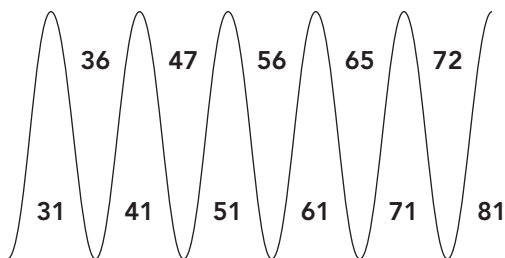
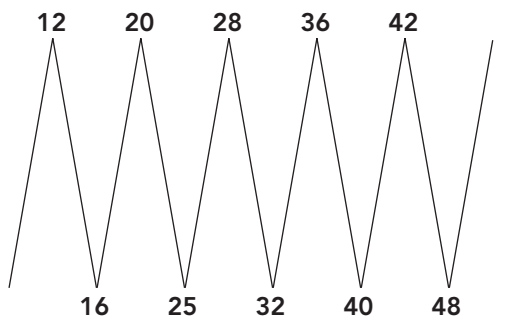
Imani a nga na mali yo tala?

- Sarah u na: mbirhi 20c swingwece, n'we R1 swingwece na ntlhanu 5c swingwece.
- Peter u na: khume 10c swingwece, mbirhi 50c swingwece na tsevu 20c swingwece.
- Sipiwe u na: mbirhi R1 swingwece na tsevu 5c swingwece.

_____ u na mali yo tala.

Minghingiriko yo Fumisa 3.3

Lava swihoxo



Minghingiriko yo Fumisa 3.4

Kuma tinomboro

Kuma u khalara tibuloko leti fambaka hi timbirhi mbirhi laha tinomboro timbirhi ti nga kusuhi, kumbe hansi ka yin'wana, ti ta ku nyika 60.

11	49	23	10
12	20	40	50
33	18	15	33
27	60	45	19
30	30	18	41

Minghingiriko yo Fumisa 3.1: Tinhlamulo

Hi mina mani?

Loko u ndzi andzisa 5,
u hlanganisa 3, u kuma 28.

5

Loko u ndzi avanyisa hi 2,
u kuma 5 ku ta sala 1.

11

Minghingiriko yo Fumisa 3.2: Tinhlamulo

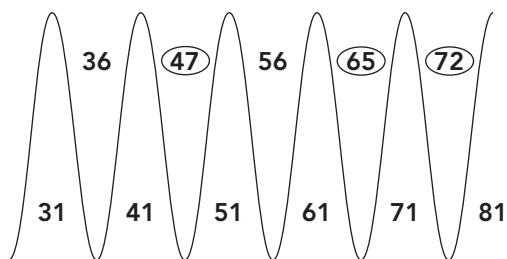
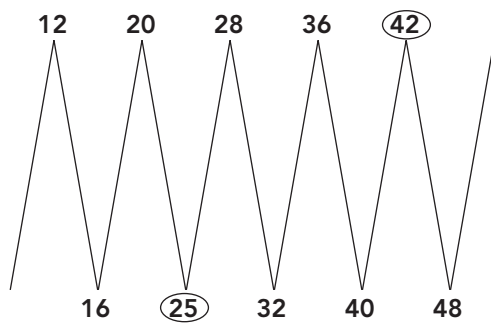
Imani a nga na mali yo tala?

- Sarah u na: mbirhi 20c swingwece, n'we R1 swingwece na ntlhanu 5c swingwece.
- Peter u na: khume 10c swingwece, mbirhi 50c swingwece na tsevu 20c swingwece.
- Sipiwe u na: mbirhi R1 swingwece na tsevu 5c swingwece.

Peter u na mali yo tala.

Minghingiriko yo Fumisa 3.3: Tinhlamulo

Lava swihoxo



Minghingiriko yo Fumisa 3.4: Tinhlamulo

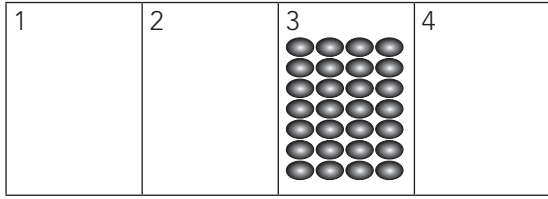
Kuma tinomboro

Kuma u khalara tibuloko leti fambaka hi timbirhi mbirhi laha tinomboro timbirhi ti nga kusuhi, kumbe hansi ka yin'wana, ti ta ku nyika 60.

11	49	23	10
12	20	40	50
33	18	15	33
27	60	45	19
30	30	18	41

Minghingiriko yo Fumisa 3.5

Vungunya byongo



Bokisi 3 ri na 28 wa matandza.

Bokisi 1 ri na hafu ya wona.

Bokisi 4 yo tala hi kambirhi ku tlula bokisi 1.

Bokisi 2 ri na hafu ya ntsengo wa mandza ku tlula bokisi 4.

Xana ku na matandza mangani loko ma hlanganile hinkwawo ka bokisi 1 na bokisi 2?

Minghingiriko yo Fumisa 3.6

Marungulo ya swihundla

a	d	e	h	l	y	m	o	u	v	s	t
34	35	36	44	46	54	55	56	60	61	62	70

1. $17 + 18 = \underline{\quad}$
2. $51 + 5 = \underline{\quad}$
3. $21 + 33 = \underline{\quad}$
4. $12 + 44 = \underline{\quad}$
5. $30 + 30 = \underline{\quad}$
6. $11 + 35 = \underline{\quad}$
7. $41 + 15 = \underline{\quad}$
8. $19 + 42 = \underline{\quad}$
9. $18 + 18 = \underline{\quad}$
10. $10 + 45 = \underline{\quad}$
11. $17 + 17 = \underline{\quad}$
12. $70 + 0 = \underline{\quad}$
13. $12 + 32 = \underline{\quad}$
14. $13 + 48 = \underline{\quad}$

Nhlamulo yi peletiwile hi ndlela leyi:

_____?

Minghingiriko yo Fumisa 3.7

Tinomboro ta Egyptian 354 ti languteka hi ndlela leyi:



Xana tinomboro leti ti ta languteka hi ndlela yihi:

121 _____

322 _____

Minghingiriko yo Fumisa 3.8

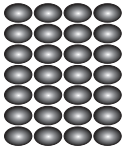
Kuma tinomboro

Kuma u khalara tibuloko leti fambaka hi timbirhi mbirhi laha tinomboro timbirhi ti nga kusuhi, kumbe hansi ka yin'wana, ti ta ku nyika 60.

15	60	0	36
3	1	51	23
0	44	16	37
25	35	29	12
17	50	11	19

Minghingiriko yo Fumisa 3.5: Tinhlamulo

Vungunya byongo

1	2	3	4
			
14	14		28

Bokisi 3 ri na 28 wa matandza.

Bokisi 1 ri na hafu ya wona.

Bokisi 4 yo tala hi kambirhi ku tlula bokisi 1.

Bokisi 2 ri na hafu ya ntsengo wa mandza ku tlula bokisi 4.

Xana ku na matandza mangani loko ma hlanganile hinkwawo ka bokisi 1 na bokisi 2? **28**

Minghingiriko yo Fumisa 3.6: Tinhlamulo

Marungulo ya swihundla

a	d	e	h	l	y	m	o	u	v	s	t
34	35	36	44	46	54	55	56	60	61	62	70

- $17 + 18 = \mathbf{35}$
- $51 + 5 = \mathbf{56}$
- $21 + 33 = \mathbf{54}$
- $12 + 44 = \mathbf{56}$
- $30 + 30 = \mathbf{60}$
- $11 + 35 = \mathbf{46}$
- $41 + 15 = \mathbf{56}$
- $19 + 42 = \mathbf{61}$
- $18 + 18 = \mathbf{36}$
- $10 + 45 = \mathbf{55}$
- $17 + 17 = \mathbf{34}$
- $70 + 0 = \mathbf{70}$
- $12 + 32 = \mathbf{44}$
- $13 + 48 = \mathbf{62}$

Nhlamulo yi peletiwile hi ndlela leyi:

Do you love maths?

Minghingiriko yo Fumisa 3.7: Tinhlamulo

Tinomboro ta Egyptian 354 ti languteka hi ndlela leyi::



Xana tinomboro leti ti ta languteka hi ndlela yihi::

121 

322 

Minghingiriko yo Fumisa 3.8: Tinhlamulo

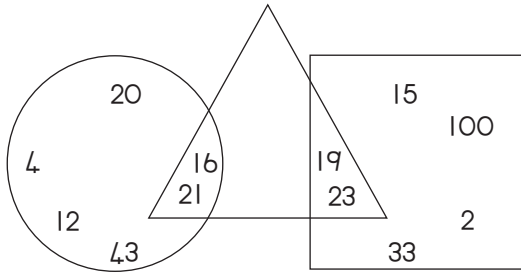
Kuma tinimboro

Kuma u khalara tibuloko leti fambaka hi timbirhi mbirhi laha tinomboro timbirhi ti nga kusuhi, kumbe hansi ka yin'wana, ti ta ku nyika 60.

15	60	0	36
3	1	51	23
0	44	16	37
25	35	29	12
17	50	11	19

Minghingiriko yo Fumisa 3.9: Tinhlamulo

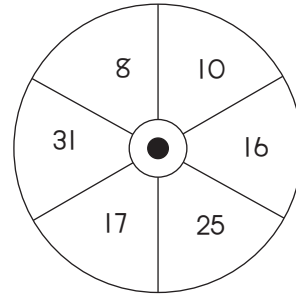
Palo ya me ke eng?



1. Palo e e mo sedikong kgotsa sekeleng. Ke halofo ya 24. **12**
2. Palo e mo sekwereng. Fa o e oketsa gabedi, e nna 30. **15**
3. Palo e e mo khutlotharong. Ke palomafeta mme nnye mo go 21 ka 2. **19**

Minghingiriko yo Fumisa 3.10: Tinhlamulo

Go tshameka didatshe



1. Sekoro (Dino) se se kwa godimodimo fa o dirisa didatshe di le 3 ke sefe? **93**
2. Sekoro sa ga Ben ke 49. Ke dipalo dife tse tharo tse a di boneng? **31, 8, 10.**
3. Sekoro sa ga Siphon ke 34. Didatshe tse pedi di thutse palo e e tshwanang. O bone palo efe? **17**

Minghingiriko yo Fumisa 3.11: Tinhlamulo

Mangaki amabhulokhi?

A				
B				
C				
D				

Go na le diboloko di le kae mo go:

Mola A? **4**

Mela C + D? **8**

Halofa ya mola B? **2**

Mela yotlhe e kopane. **16**

Minghingiriko yo Fumisa 3.12: Tinhlamulo

Palo 24

$$12 \times 2 = 24$$

$$8 \times 3 = 24$$

$$6 \times 4 = 24$$

$$4 \times 6 = 24$$

$$3 \times 8 = 24$$

$$2 \times 12 = 24$$

Minghingiriko yo Fumisa 3.13

Sms your mom



Which symbols do you see if you sms your mom this message: **I love you.**

Minghingiriko yo Fumisa 3.14

What is the message if you type these symbols?



- : * ? 2 4 + 9 9 2 3

* 6 (2 3 4 9 : + + "

Minghingiriko yo Fumisa 3.15

Add



Add all the numbers in the first row:

Add all the numbers in the second row:

Add all the numbers in the third row:

Add all three of your answers: _____

Minghingiriko yo Fumisa 3.16

Some more adding



Add all of the numbers in the column starting with 1: _____

Add all of the numbers in the column starting with 2: _____

Add all of the numbers in the column starting with 3: _____

Add all three of your answers:

Minghingiriko yo Fumisa 3.13: Tinhlamulo

Sms your mom



Which symbols do you see if you sms your mom this message: **I love you.**

- " + ? 2) + _

Minghingiriko yo Fumisa 3.14: Tinhlamulo

What is the message if you type these symbols?



- : * ? 2 4 + 9 9 2 3

U h a v e s o c c e r

* 6 (2 3 4 9 : + + "

a f t e r s c h o o l

U have soccer after school

Minghingiriko yo Fumisa 3.15: Tinhlamulo

Add



Add all the numbers in the first row:

6

Add all the numbers in the second row:

15

Add all the numbers in the third row:

24

Add all three of your answers:

45

Minghingiriko yo Fumisa 3.16: Tinhlamulo

Some more adding



Add all of the numbers in the column starting with 1: **12**

Add all of the numbers in the column starting with 2: **15**

Add all of the numbers in the column starting with 3: **18**

Add all three of your answers:

45

Minghingiriko yo Fumisa 3.17

Tinomboro to landzelelana

Ka xivulwa:

Nghala na khondlo swi yile ka pikiniki.

Hi rihi letere ra makume mbirhi? _____

Ka xivulwa:

Nghala yi dyile khondlo.

Hi rihi letere ra vunhungu? _____

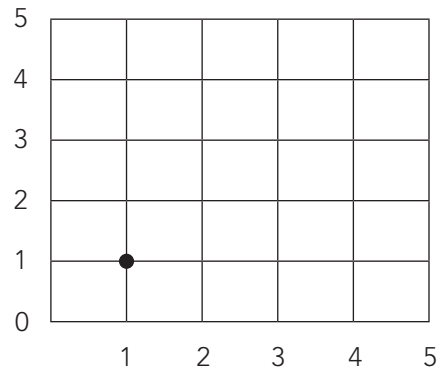
Ka xivulwa:

Ndzi ti phinile, hi xikondlwana!

Endla rito hi letere ra makume mbirhi nharhu, makhume nharhu, khume na makumembirhi tsevu, makume nharhu.

Minghingiriko yo Fumisa 3.18

Hlanganisa tidoto



Endla tidoto ka 1-1, 3-4, 1-4 na 3-1.

Hlanganisa tidoto. U kuma xivumbeko xihhi?

Minghingiriko yo Fumisa 3.19

I mani nomboro?

3 wa madzana

4 wa vukhume ku tlula madzana

3 wa ti yuniti hansa ka khume

2 wa madzana

1 vukhume u engetela eka madzana

5 yuniti u engetela ka khume

5 wa madzana

3 wa tiyiniti u egetela eka madzana

Minghingiriko yo Fumisa 3.20

Ndzi fi kile kwini ka phikizano?

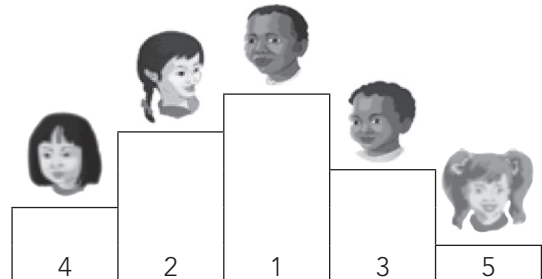
1. Imram u fi kile ku sungula.

2. Mary landzerile ra vumbirhi.

3. John landzerile ra vunharhu.

4. Maryke landzerile ra vuntlhanu.

5. Ndzi landzerile __vumune__.



Minghingiriko yo Fumisa 3.17: Tinhlamulo

Tinomboro to landzelelana

Ka xivulwa:

Nghala na khondlo swi yile ka pikiniki.

Hi rihi letere ra makume mbirhi? **r**

Ka xivulwa:

Nghala yi dyile khondlo.

Hi rihi letere ra vunhungu? **e**

Ka xivulwa:

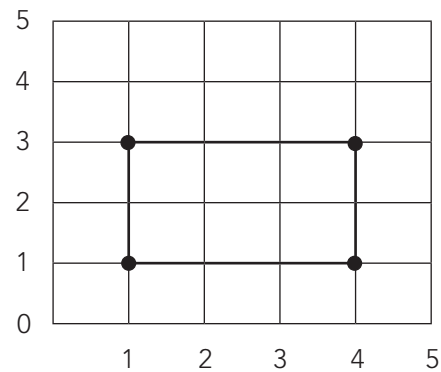
Ndzi ti phinile, hi xikondlwana!

Endla rito hi letere ra makume mbirhi nharhu, makhume nharhu, khume na makumembirhi tsevu, makume nharhu.

wena

Minghingiriko yo Fumisa 3.18: Tinhlamulo

Hlanganisa tidoto



Endla tidoto ka 1-1, 3-4, 1-4 na 3-1.

Hlanganisa tidoto. U kuma xivumbeko xihi?

rekthengula

Minghingiriko yo Fumisa 3.19: Tinhlamulo

I mani nomboro?

3 wa madzana

4 wa vukhume ku tlula madzana

3 wa ti yuniti hansa ka khume

374

2 wa madzana

1 vukhume u engetela eka madzana

5 yuniti u engetela ka khume

238

5 wa madzana

3 wa tiyiniti u engetela eka madzana

Minghingiriko yo Fumisa 3.20: Tinhlamulo

Ndzi fi kile kwini ka phikizano?

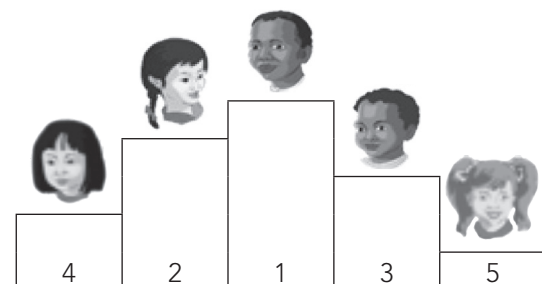
1. Imram u fi kile ku sungula.

2. Mary landzerile ra vumbirhi.

3. John landzerile ra vunharhu.

4. Maryke landzerile ra vuntlhanu.

5. Ndzi landzerile **vumune**



Minghingiriko yo Fumisa 3.21

Kuma ndlela ya wena

Sungula ka movha u kuma ndlela ka nhlngano wa tindlela to tala ku ya fi ka ka xifaki. U nga tsemakanyi mintila.



Minghingiriko yo Fumisa 3.22

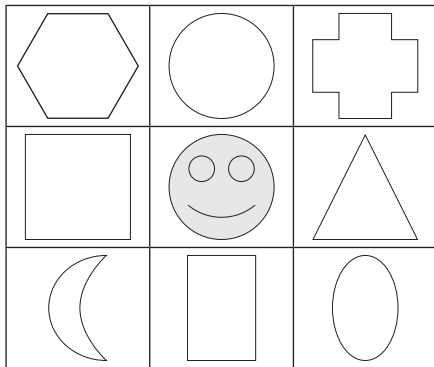
Yi kwihi vito ra nomboro?

h	x	i	b	h	f	s	b	m	j
t	s	v	d	i	g	c	s	d	k
e	v	i	f	y	t	n	e	w	t
v	b	t	x	i	q	r	j	g	h
l	h	r	a	t	d	b	z	p	r
e	f	r	l	n	y	f	m	a	r
w	p	p	u	z	p	v	k	n	e
t	l	h	e	l	e	v	e	n	o

11 5th 100 1
60 12th 25

Minghingiriko yo Fumisa 3.23

Ditsala tsa me ke bomang?



Dirowa xivumbeko:

Ka ximatsi

Hansi ka mina.

Henhla.

Ka xinene.

Minghingiriko yo Fumisa 3.24

Kuma swivumbeko.

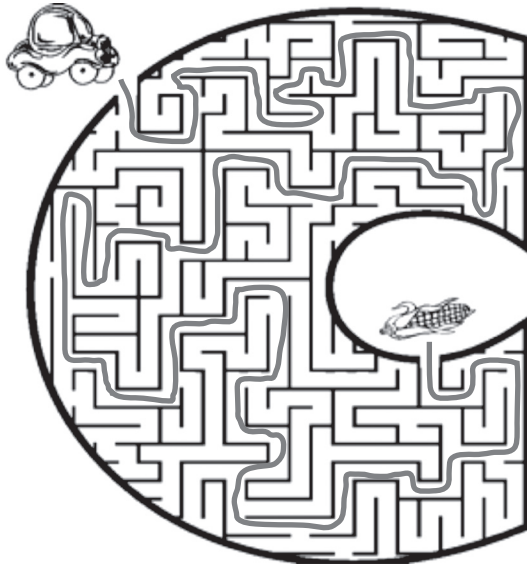
u	k	m	h	v	r	e	v	n	c	r	m	c	d	r
i	h	n	n	w	l	e	l	x	e	u	b	o	i	k
r	v	u	d	c	a	n	d	c	a	z	b	n	m	f
y	w	k	r	o	r	p	t	n	h	q	d	e	a	q
m	u	i	u	k	b	a	h	x	i	h	c	i	r	k
b	c	x	s	d	n	m	b	g	b	l	s	z	y	b
y	f	e	l	g	n	a	i	r	t	w	y	k	p	l
l	j	o	l	z	s	q	u	a	r	e	b	c	g	b
g	y	e	p	e	x	i	r	m	j	x	c	z	b	r
u	f	q	n	u	r	u	m	x	s	b	z	q	d	a

circle, cone, cube, cylinder, pyramid,
rectangle, square, triangle

Minghingiriko yo Fumisa 3.21: Tinhlamulo

Kuma ndlela ya wena

Sungula ka movha u kuma ndlela ka nhlngano wa tindlela to tala ku ya fi ka ka xifaki. U nga tsemakanyi mintila.



Minghingiriko yo Fumisa 3.22: Tinhlamulo

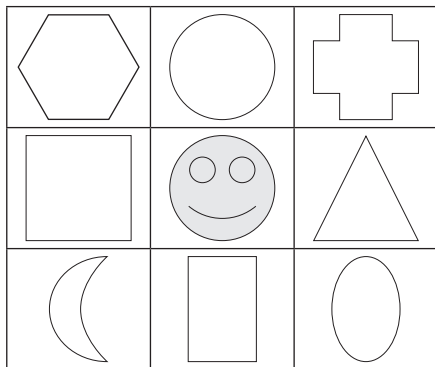
Yi kwihi vito ra nomboro?

h	x	i	b	h	f	s	b	m	j
t	s	v	d	i	g	c	s	d	k
e	v	i	f	y	t	n	e	w	t
v	b	t	x	i	q	r	j	g	h
l	h	r	a	t	d	b	z	p	r
e	f	r	l	n	y	f	m	a	r
w	p	p	u	z	p	v	k	n	e
t	l	h	e	l	e	v	e	n	o

11 5th 100 1
60 12th 25

Minghingiriko yo Fumisa 3.23: Tinhlamulo

I vamani vanghana va mina?



Dirowa xivumbeko:

Ka ximatsi.



Hansi ka mina.



Henhla.



Ka xinene.



Minghingiriko yo Fumisa 3.24: Tinhlamulo

Kuma swivumbeko.

u	k	m	h	v	r	e	v	n	c	r	m	c	d	r
i	h	n	n	w	l	e	l	x	e	u	b	o	i	k
r	v	u	d	c	a	n	d	c	a	z	b	n	m	f
y	w	k	r	o	r	p	t	n	h	q	d	e	a	q
m	u	i	u	k	b	a	h	x	i	h	c	i	r	k
b	c	x	s	d	n	m	b	g	b	l	s	z	y	b
y	f	e	l	g	n	a	i	r	t	w	y	k	p	l
l	j	o	l	z	s	q	u	a	r	e	b	c	g	b
g	y	e	p	e	x	i	r	m	j	x	c	z	b	r
u	f	q	n	u	r	u	m	x	s	b	z	q	d	a

circle, cone, cube, cylinder, pyramid,
rectangle, square, triangle

Minghingiriko yo Fumisa 3.25

Hetisa Sudoku

Kotara yin'wana na yin'wana yi va na tinomboro 1, 2, 3, na 4.

4		1	
1		2	4
	4		1
	1		2

Minghingiriko yo Fumisa 3.26

Mali

Longoloxa swingwece leswi nga na nkoka wa le henhla ku fi ka ka swingwece swa nkoka wa le hansi. Tsala tinomboro ntsena.



Longoloxa swingwece ku suka ka nkoka wa le hansi ku fi ka ka nkoka wa le henhla. Tsala tinomboro ntsena.



Minghingiriko yo Fumisa 3.27

Tinhlamulo to hambanahambana?

Xikipa R5,00

Kepisi R15,00

Masokisi R3,00

Tintanghu R20,00

Xiketi R10,00

Buruku R10,00

U na R50, 00. Ndzi nga xava yini?

Minghingiriko yo Fumisa 3.28

Feleletsa Sudoku

1	2		
		2	1
2	4		
		4	2

Minghingiriko yo Fumisa 3.25: Tinhlamulo

Hetisa Sudoku


Kotara yin'wana na yin'wana yi va na tinomboro 1, 2, 3, na 4.

4	2	1	3
1	3	2	4
2	4	3	1
3	1	4	2

Minghingiriko yo Fumisa 3.26: Tinhlamulo

Mali

Longoloxa swingwece leswi nga na nkoka wa le henhla ku fi ka ka swingwece swa nkoka wa le hansi. Tsala tinomboro ntsena.

1. 	2. 	3. 	4. 	5. 
3	4	1	5	2

Longoloxa swingwece ku suka ka nkoka wa le hansi ku fi ka ka nkoka wa le henhla. Tsala tinomboro ntsena.

1. 	2. 	3. 	4. 	5. 
3	2	5	1	4

Minghingiriko yo Fumisa 3.27: Tinhlamulo

Tinhlamulo to hambanahambana?

Xikipa R5,00

Kepisi R15,00

Masokisi R3,00

Tintanghu R20,00

Xiketisi R10,00

Buruku R10,00

U na R50, 00. Ndzi nga xava yini?

Xikombiso

Ndzi nga xava kepisi, swiphere swimbirhi swa masokisi, xikipa na xiphere xa tintanghu (ntsengo R46,00).

Minghingiriko yo Fumisa 3.28: Tinhlamulo

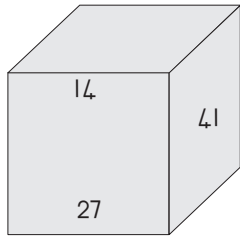
Feleletsa Soduku

1	2	3	4
4	3	2	1
2	4	1	3
3	1	4	2

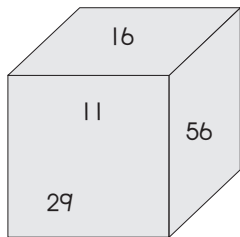
Minghingiriko yo Fumisa 3.29

Jumbled tinhlayo

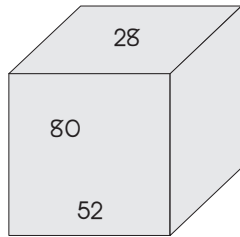
Tirhisa tinomboro endzeni kabokisi ku endla nhlayo.



$$\square + \square = \square$$



$$\square + \square + \square = \square$$

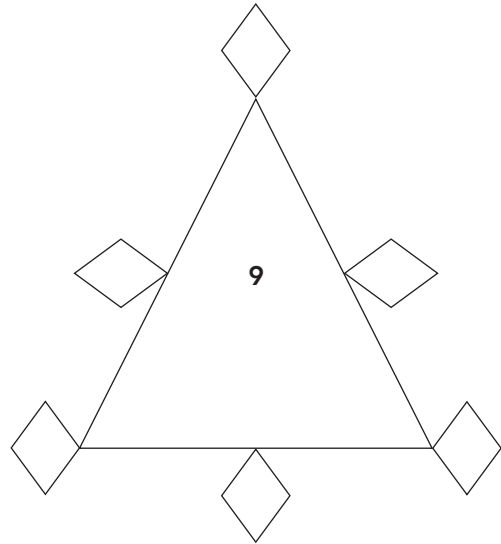


$$\square + \square = \square$$

Minghingiriko yo Fumisa 3.30

Tinomboro ta tsevu

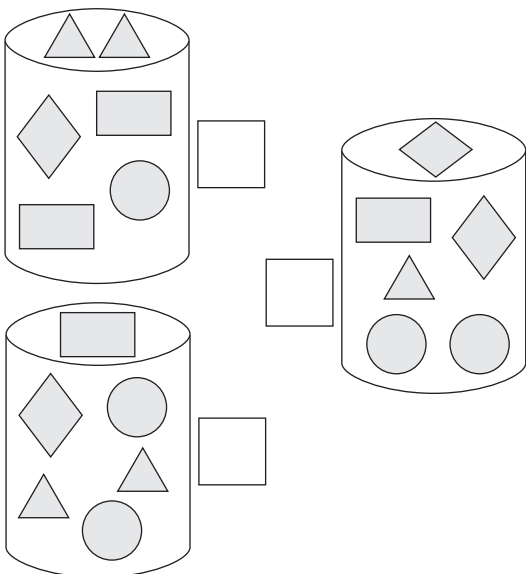
Vekela tinomboro 1–6 eka dayimodi leswaku matlhelo hinkwawo ya yinhlanharhu ma hlangana endzeni ka yinhlanharhu.



Minghingiriko yo Fumisa 3.31

Nkoka

Xana hi wihi nkoka wa silindara yin'wana na yin'wana loko rekthengula yi ri 4, xikwere 3, yinhlanharhu 1 na tidayimodi 10? Tsala nhlamulo eka bokisi.



Minghingiriko yo Fumisa 3.32

Khalara ku komba nhlamulo

Khalara tinomboro leti nga hlanganaka ti endla nomboro yo sungula leyi nga ka buloko.

37	3	15	2	9	7	8	1
----	---	----	---	---	---	---	---

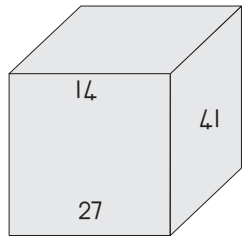
53	18	6	10	14	3	5	2
----	----	---	----	----	---	---	---

41	11	9	7	3	10	5	1
----	----	---	---	---	----	---	---

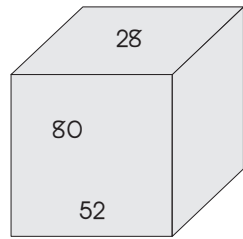
Minghingiriko yo Fumisa 3.29: Tinhlamulo

Jumbled tinhlayo

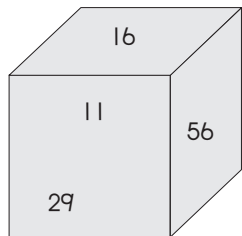
Tirhisa tinomboro endzeni kabokisi ku endla nhlayo.



$$\boxed{27} + \boxed{14} = \boxed{41}$$



$$\boxed{52} + \boxed{28} = \boxed{80}$$

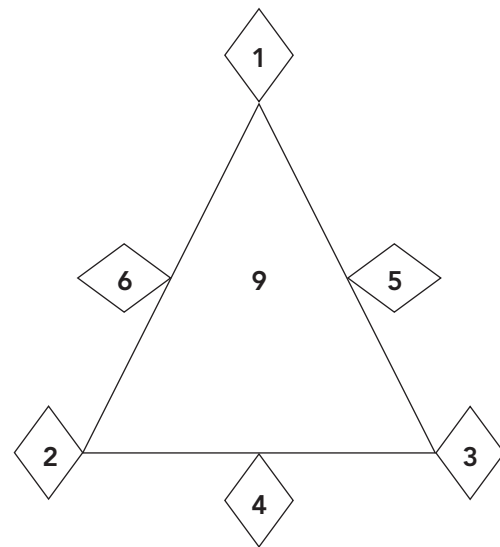


$$\boxed{16} + \boxed{29} + \boxed{11} = \boxed{56}$$

Minghingiriko yo Fumisa 3.30: Tinhlamulo

Tinomboro ta tsevu

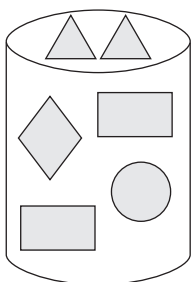
Vekela tinomboro 1–6 eka dayimodi leswaku matlhelo hinkwawo ya yinhlanharhu ma hlangana endzeni ka yinhlanharhu.



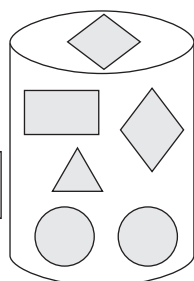
Minghingiriko yo Fumisa 3.31: Tinhlamulo

Nkoka

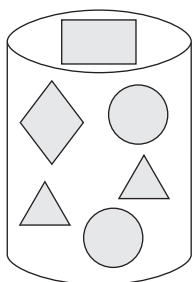
Xana hi wihi nkoka wa silindara yin'wana na yin'wana loko rekhengula yi ri 4, xikwere 3, yinhlanharhu 1 na tidayimodi 10? Tsala nhlamulo eka bokisi.



34



44



36

Minghingiriko yo Fumisa 3.32: Tinhlamulo

Khalara ku komba nhlamulo

Khalara tinomboro leti nga hlanganaka ti endla nomboro yo sungula leyi nga ka buloko.

37	3	15	2	9	7	8	1
----	---	----	---	---	---	---	---

53	18	6	10	14	3	5	2
----	----	---	----	----	---	---	---

41	11	9	7	3	10	5	1
----	----	---	---	---	----	---	---