

**GRADE 3**

**TERM 2 2019**

**MATHEMATICS  
ENGLISH / ISIXHOSA**

**RESOURCE PACK**

# PRINTABLE RESOURCES

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## 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 cards (160–177) (Lesson 1)
2. Number cards (240–277) (Lesson 1)
3. Number cards (370–387) (Lesson 2)
4. Number cards (420–437) (Lesson 3)
5. Number board (201–300) (Lesson 4)
6. Number board (401–500) (Lesson 5)
7. Number lines (Lesson 9 and 10)
8. Number lines (Lesson 12, 14, 16 and 18)
9. Multiplication table grid (Lesson 13, 15, 17 and 19)
10. Shape cut-outs (Lesson 20 and 31)
11. Money cut-outs – coins (Lesson 24, 25, 39 and 40)
12. Money cut-outs – notes (Lesson 24 and 25)
13. Money cut-outs – notes (Lesson 24 and 25)
14. Symmetrical shapes (Lesson 33 and 34)
15. 2014 calendar (Lesson 36)

### ***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. Amakhadi amanani 160-177 (Isifundo1)

160	161	162
163	164	165
166	167	168
169	170	171
172	173	174
175	176	177

2. Amakhadi amanani 260-277 (Isifundo 1)

260	261	262
263	264	265
266	267	268
269	270	271
272	273	274
275	276	277

3. Amakhadi amanani 370-387 ( Isifundo 2)

370	371	372
373	374	375
376	377	378
379	380	381
382	383	384
385	386	387

4. Amakhadi amanani 420-437 (Isifundo 3)

420	421	422
423	424	425
426	427	428
429	430	431
432	433	434
435	436	437

5. Ibhodi yamanani (201-300) ( Isifundo 4)

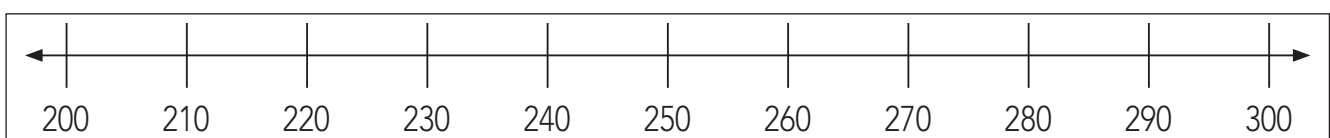
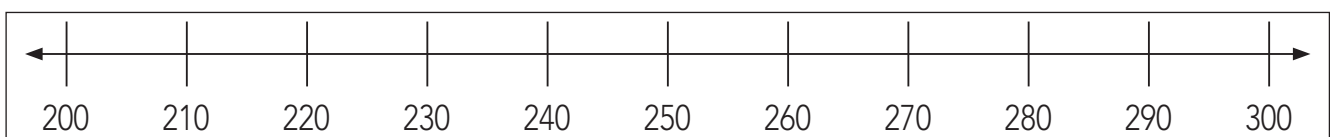
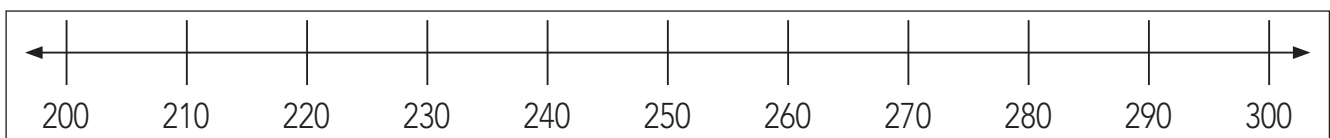
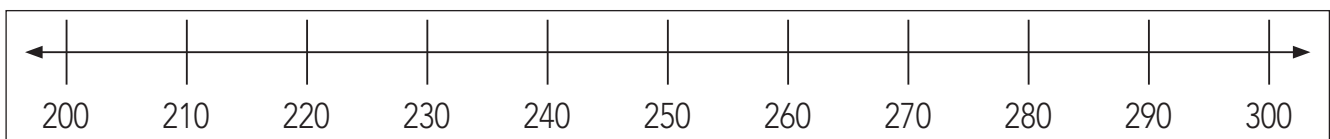
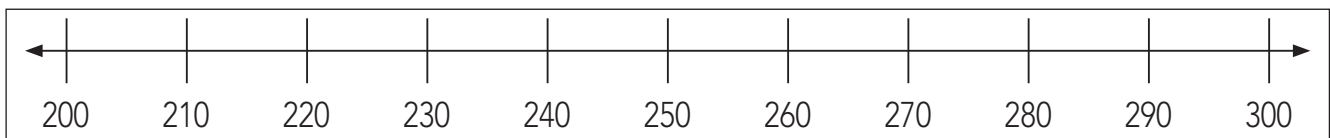
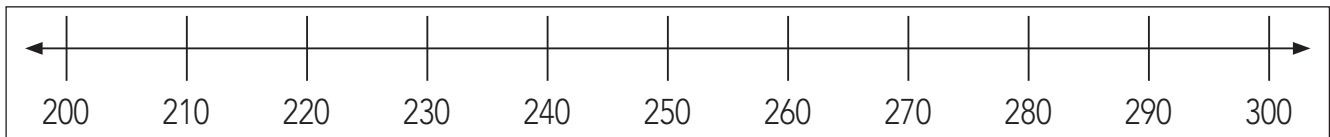
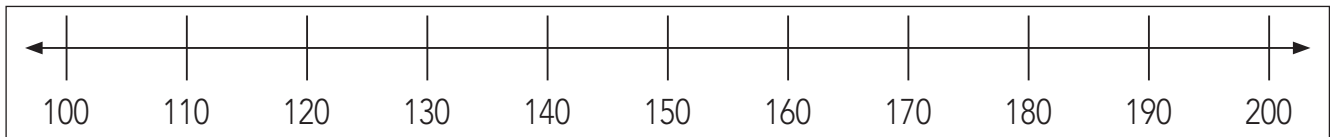
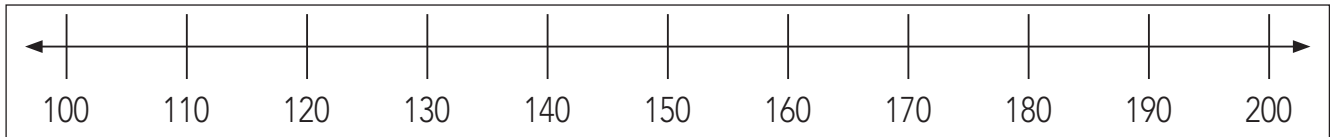
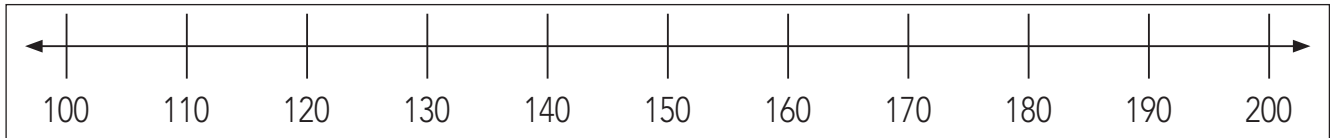
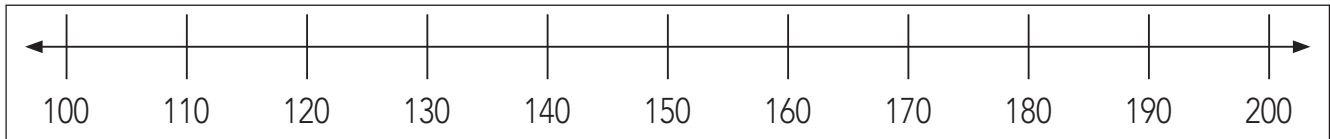
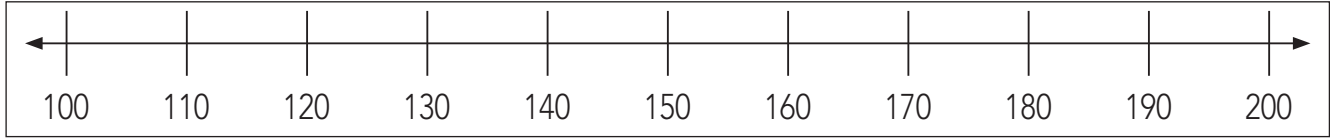
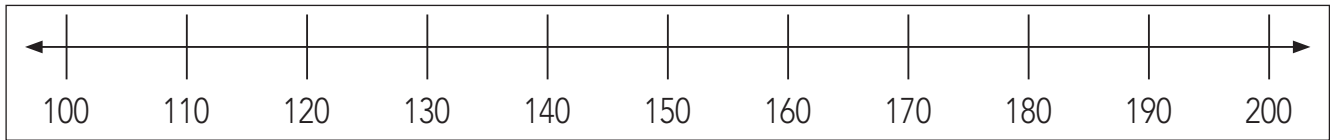
201	202	203	204	205	206	207	208	209	210
211	212	213	214	215	216	217	218	219	220
221	222	223	224	225	226	227	228	229	230
231	232	233	234	235	236	237	238	239	240
241	242	243	244	245	246	247	248	249	250
251	252	253	254	255	256	257	258	259	260
261	262	263	264	265	266	267	268	269	270
271	272	273	274	275	276	277	278	279	280
281	282	283	284	285	286	287	288	289	290
291	292	293	294	295	296	297	298	299	300

6. Ibhodi yamanani 401-500 ( Isifundo 5)

401	402	403	404	405	406	407	408	409	410
411	412	413	414	415	416	417	418	419	420
421	422	423	424	425	426	427	428	429	430
431	432	433	434	435	436	437	438	439	440
441	442	443	444	445	446	447	448	449	450
451	452	453	454	455	456	457	458	459	460
461	462	463	464	465	466	467	468	469	470
471	472	473	474	475	476	477	478	479	480
481	482	483	484	485	486	487	488	489	490
491	492	493	494	495	496	497	498	499	500



## 7. Imigca manani (Izifundo 9 nese-10)



**8. Imigca manani (Isifundo 12, 14, 16 nese 18)**

*Isifundo 12*



*Isifundo 14*



*Isifundo 16*



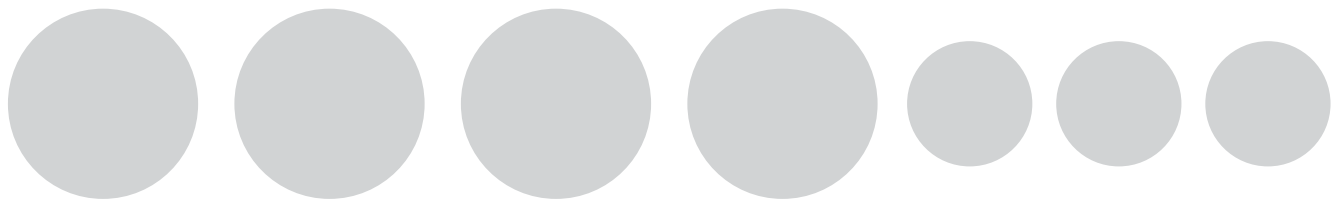
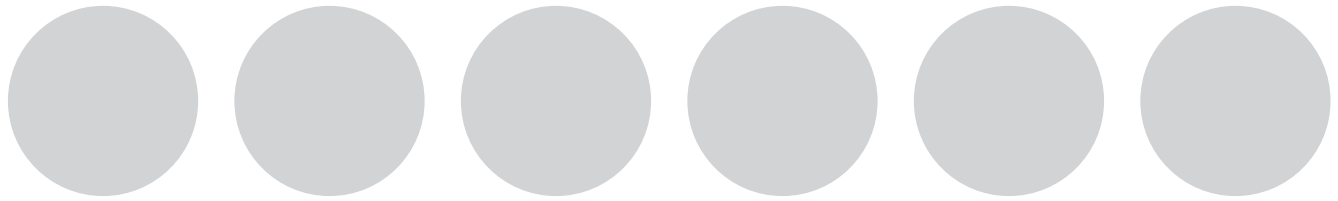
*Isifundo 18*



9. Igridi yetheyibhile yophindaphindo (Izifundo 13, 15, 17 nese -19)

x	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

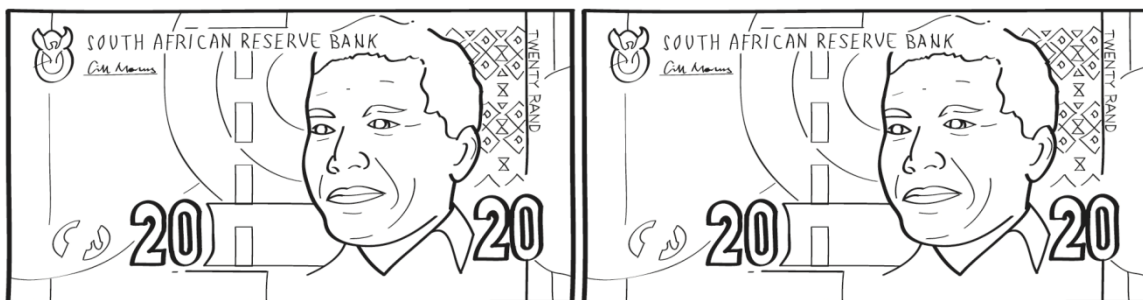
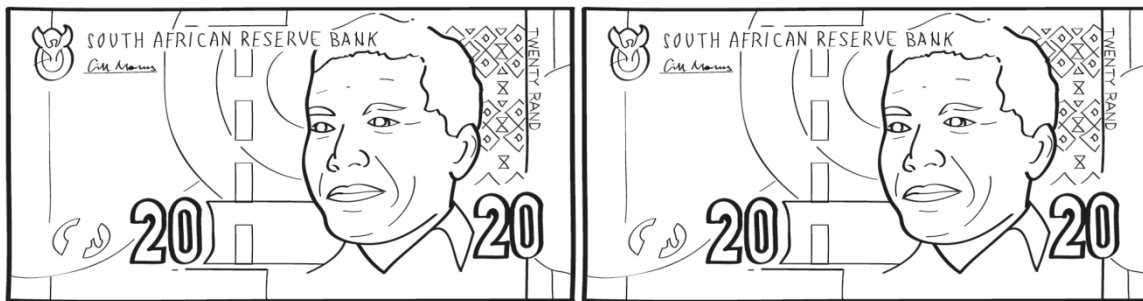
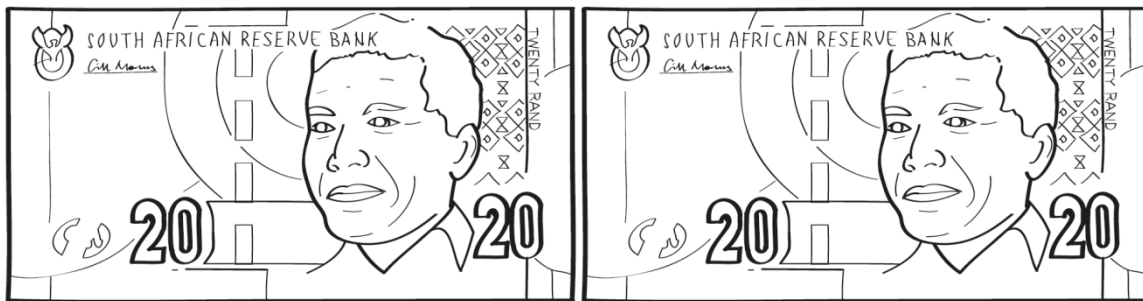
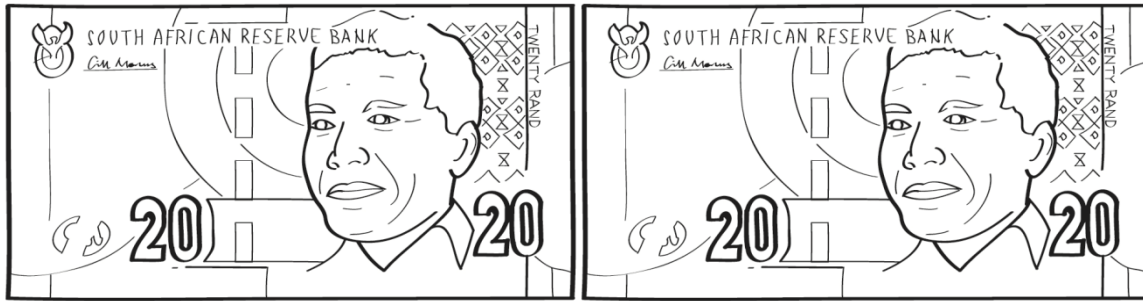
10. Imisiko yeemilo ( Isifundo 20 nesama-31)



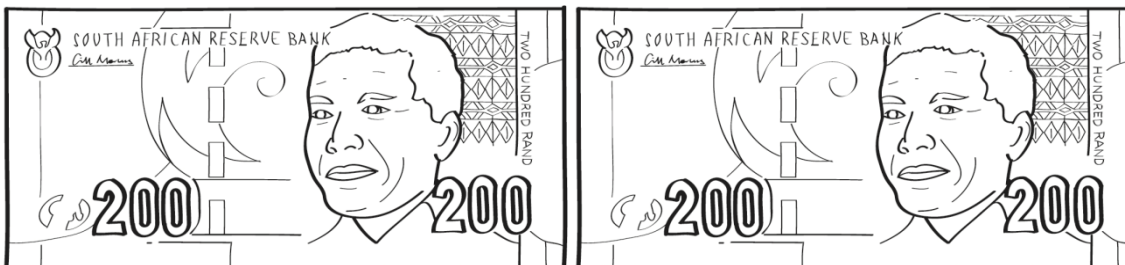
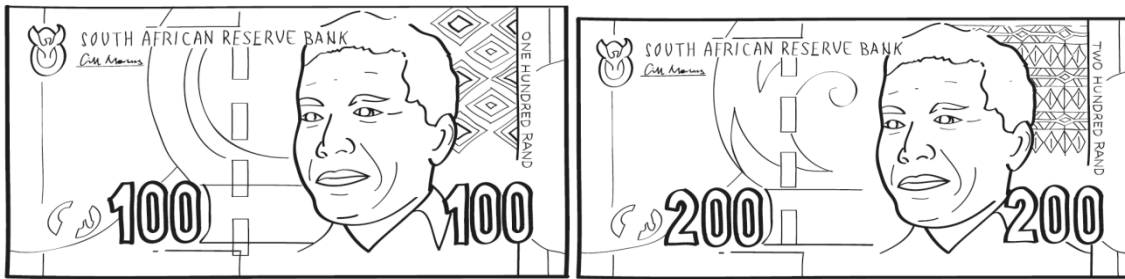
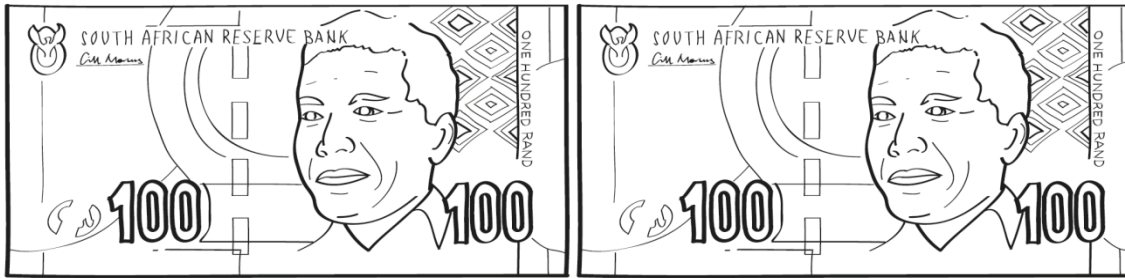
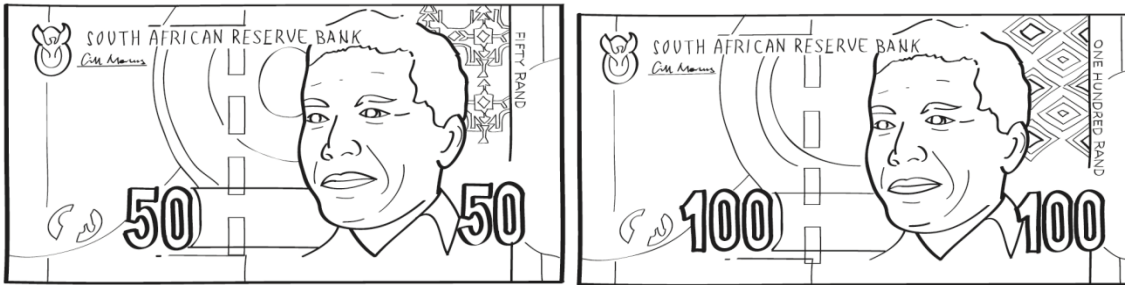
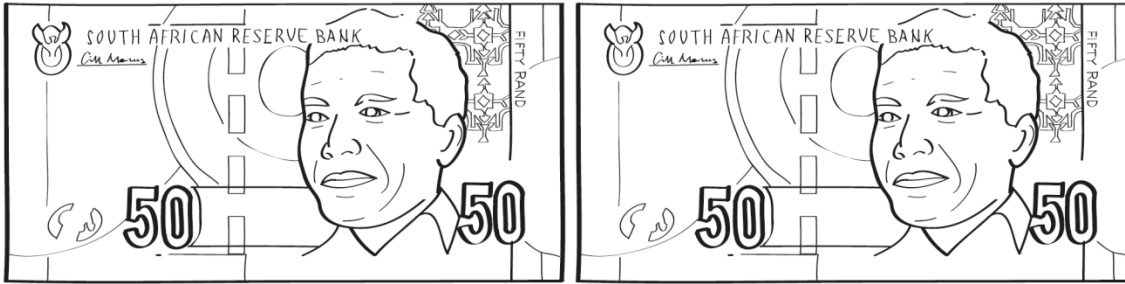
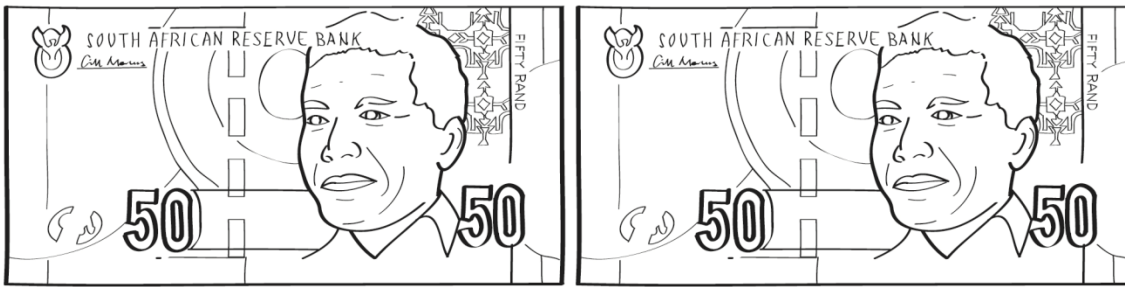
11. Imisiko yemali - iingqekembe ( Isifundo 24, 25, 39 nesama 40)



## 12. Imisiko yemali - engamaphepha ( Isifundo 24 nesama -25)



13. Imisiko yemali - engamaphepha ( Isifundo 2 nesama -25)

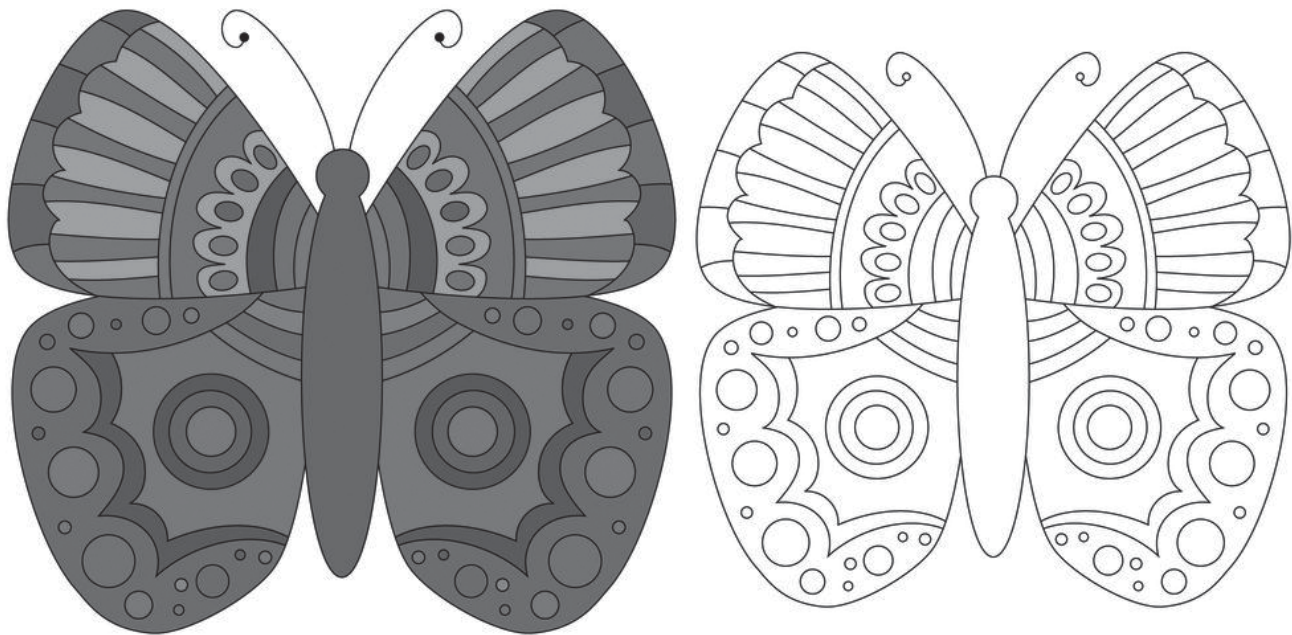


14. limilo zolingano macala (Izifundo 32)

Isifundo 30:



Isifundo 31:





15. Ikhhalenda ka 2014 (Isifundo 36)

2014

EyoMqungu							EyoMdumba							EyoKwindla							UTshazimpunzi									
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S			
			1	2	3	4						1							1											
5	6	7	8	9	10	11	2	3	4	5	6	7	8	2	3	4	5	6	7	8	6	7	8	9	10	11	12			
12	13	14	15	16	17	18	9	10	11	12	13	14	15	9	10	11	12	13	14	15	13	14	15	16	17	18	19			
19	20	21	22	23	24	25	16	17	18	19	20	21	22	16	17	18	19	20	21	22	20	21	22	23	24	25	26			
26	27	28	29	30	31	23	24	25	26	27	28	23	24	25	26	27	28	29	27	28	29	30								
														30	31															
UCanzibe							EyeSilimela							EyeKhala							EyeThupha									
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S			
			1	2	3																									
4	5	6	7	8	9	10	1	2	3	4	5	6	7	6	7	8	9	10	11	12	3	4	5	6	7	8	9			
11	12	13	14	15	16	17	8	9	10	11	12	13	14	13	14	15	16	17	18	19	10	11	12	13	14	15	16			
18	19	20	21	22	23	24	15	16	17	18	19	20	21	20	21	22	23	24	25	26	17	18	19	20	21	22	23			
25	26	27	28	29	30	31	22	23	24	25	26	27	28	27	28	29	30	31	27	28	29	30	31	24	25	26	27	28	29	30
							29	30																						
!EyoMsintsi							EyeDwarha							EyeNkanga							EyoMnga									
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S			
7	8	9	10	11	12	13	5	6	7	8	9	10	11	2	3	4	5	6	7	8	7	8	9	10	11	12	13			
14	15	16	17	18	19	20	12	13	14	15	16	17	18	9	10	11	12	13	14	15	14	15	16	17	18	19	20			
21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21	22	21	22	23	24	25	26	27			
28	29	30	26	27	28	29	30	31	23	24	25	26	27	28	29	23	24	25	26	27	28	29	28	29	30	31				



## 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 is 4 more than? Number range 0–500

#### Ikhadi Lezibalo ezingumceli-mngeni 1

Uludwe lwamanani 0-500.

1.  $233 + 4 =$
2.  $243 + 4 =$
3.  $273 + 4 =$
4.  $293 + 4 =$
5.  $353 + 4 =$
6.  $373 + 4 =$
7.  $303 + 4 =$
8.  $413 + 4 =$
9.  $483 + 4 =$
10.  $463 + 4 =$

### Maths Challenge Card 2

Addition and subtraction of multiples of 10 to 100

#### Ikhadi Lezibalo ezingumceli-mngeni 2

Ukudibanisa nokuthabatha iziphindwa ze-10 ukuya kwi-100.

1.  $\square - 70 = 30$
2.  $100 - 50 = \square$
3.  $20 + \square = 100$
4.  $\square + 40 = 100$
5.  $100 - \square = 40$
6.  $90 - \square = 70$
7.  $\square + 30 = 100$
8.  $\square + 80 = 90$
9.  $60 = 20 + \square$
10.  $30 = \square - 40$

### Maths Challenge Card 3

Doubling and halving

#### Ikhadi Lezibalo ezingumceli-mngeni 3

Ukuphinda kabini nokwahlula kabini.

1.  $20 + 20 =$
2.  $200 + 200 =$
3.  $50 + 50 =$
4.  $25 + 25 =$
5.  $25 + 26 =$
6.  $25 + 24 =$
7.  $100 \div 2 =$
8.  $50 + 49 =$
9.  $50 + 51 =$
10.  $100 - 49 =$

### Maths Challenge Card 4

Add 10 minus 1 (breaking down 101)

#### Ikhadi Lezibalo ezingumceli-mngeni 4

Dibanisa i-10 uthabathe isi-1 (ukucalula i-101).

1.  $54 + 9 =$
2.  $47 + 9 =$
3.  $27 + 9 =$
4.  $44 + 9 =$
5.  $28 + 9 =$
6.  $57 + 9 =$
7.  $75 + 9 =$
8.  $22 + 9 =$
9.  $88 + 9 =$
10.  $14 + 9 =$

### Maths Challenge Card 1: Answers

What is 4 more than? Number range 0–500

#### Ikhadi Lezibalo ezingumceli-mngeni 1: limpendulo

Leliphi inani elikhulu ngesine kuna-: Amanani ukusuka ku- 0–500

1. 237
2. 247
3. 277
4. 297
5. 357
6. 377
7. 307
8. 417
9. 487
10. 467

### Maths Challenge Card 2: Answers

Addition and subtraction of multiples of 10 to 100

#### Ikhadi Lezibalo ezingumceli-mngeni 2: limpendulo

Ukudibanisa nokuthabatha iziphindwa ze-10 ukuya kwi-100.

1. 100
2. 50
3. 80
4. 60
5. 60
6. 20
7. 70
8. 10
9. 40
10. 70

### Maths Challenge Card 3: Answers

Doubling and halving

#### Ikhadi Lezibalo ezingumceli-mngeni 3: limpendulo

Ukuphinda kabini nokwahlula kabini.

1. 40
2. 400
3. 100
4. 50
5. 51
6. 49
7. 50
8. 99
9. 101
10. 51

### Maths Challenge Card 4: Answers

Add 10 minus 1 (breaking down 101)

#### Ikhadi Lezibalo ezingumceli-mngeni 4: limpendulo

Dibanisa i-10 uthabathe isi-1 (ukucalula i-101).

1. 63
2. 56
3. 36
4. 53
5. 37
6. 66
7. 84
8. 31
9. 97
10. 23

### Maths Challenge Card 5

Subtract 10 and add 1 (breaking down 10)

#### Ikhadi Lezibalo ezingumceli-mngeni 5

Thabatha i-10 uze udibanise isi-1 (ukucalula i-10)

1.  $54 - 9 =$
2.  $47 - 9 =$
3.  $27 - 9 =$
4.  $44 - 9 =$
5.  $28 - 9 =$
6.  $57 - 9 =$
7.  $75 - 9 =$
8.  $22 - 9 =$
9.  $88 - 9 =$
10.  $14 - 9 =$

### Maths Challenge Card 6

Subtract multiples of 10 and add or subtract 1

#### Ikhadi Lezibalo ezingumceli-mngeni 6

Thabatha iziphindwa ze-10 uze udibanise okanye uthabathe isi-1

1.  $100 - 10 = \square$
2.  $100 - 10 + 1 = \square$
3.  $100 - 10 - 1 = \square$
4.  $100 - 20 = \square$
5.  $100 - 20 - 1 = \square$
6.  $100 - 20 + 1 = \square$
7.  $100 - 30 = \square$
8.  $100 - 30 - 1 = \square$
9.  $100 - 30 + 1 = \square$
10.  $100 - 40 - 1 = \square$

### Maths Challenge Card 7

Subtract multiples of 10 ( then add or subtract 1)

#### Ikhadi Lezibalo ezingumceli-mngeni 7

Thabatha iziphindwa ze-10 uze udibanise okanye uthabathe isi-1

1.  $100 - 10 = \square$
2.  $100 - 11 = \square$
3.  $100 - 9 = \square$
4.  $100 - 20 = \square$
5.  $100 - 21 = \square$
6.  $100 - 19 = \square$
7.  $100 - 30 = \square$
8.  $100 - 31 = \square$
9.  $100 - 29 = \square$
10.  $100 - 40 = \square$

### Maths Challenge Card 8

Use the relationship between Addition and Subtraction

#### Ikhadi Lezibalo ezingumceli-mngeni 8

Sebenzisa ubuhlobo obuphakathi kokudibanisa nokuthabatha.

1.  $97 + 5 = \square$
2.  $97 - 5 = \square$
3.  $102 - \square = 97$
4.  $\square - 92 = 5$
5.  $178 - 4 = \square$
6.  $178 + 4 = \square$
7.  $\square - 178 = 4$
8.  $\square + 3 = 181$
9.  $181 - 3 = \square$
10.  $\square + 178 = 181$

**Maths Challenge Card 5: Answers**

Subtract 10 and add 1 (breaking down 10)

**Ikhadi Lezibalo ezingumceli-mngeni 5: limpendulo**

Thabatha i-10 uze udibanise isi-1 (ukucalula i-10)

1. 45
2. 38
3. 18
4. 35
5. 19
6. 48
7. 66
8. 13
9. 79
10. 5

**Maths Challenge Card 6: Answers**

Subtract multiples of 10 and add or subtract 1

**Ikhadi Lezibalo ezingumceli-mngeni 6: limpendulo**

Thabatha iziphindwa ze-10 uze udibanise okanye uthabathe isi-1

1. 90
2. 91
3. 89
4. 80
5. 79
6. 81
7. 70
8. 69
9. 71
10. 59

**Maths Challenge Card 7: Answers**

Subtract multiples of 10 ( then add or subtract 1)

**Ikhadi Lezibalo ezingumceli-mngeni 7: limpendulo**

Thabatha iziphindwa ze-10 uze udibanise okanye uthabathe isi-1

1. 90
2. 89
3. 91
4. 80
5. 79
6. 81
7. 70
8. 69
9. 71
10. 60

**Maths Challenge Card 8: Answers**

Use the relationship between Addition and Subtraction

**Ikhadi Lezibalo ezingumceli-mngeni 8: limpendulo**

Sebenzisa ubuhlobo obuphakathi kokudibanisa nokuthabatha.

1. 102
2. 92
3. 5
4. 97
5. 174
6. 182
7. 182
8. 178
9. 178
10. 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.

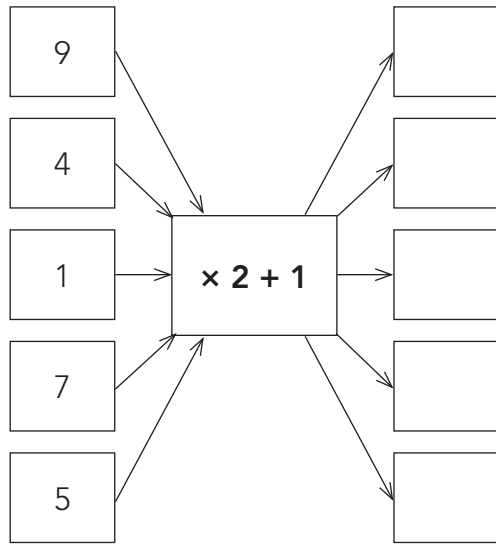
These cards include activities that you can use for enrichment opportunities for learners who have completed the lesson activities ahead of the rest of the class. Learners should work on these cards independently or with their peers who have also completed the classwork. You may need to explain some 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.

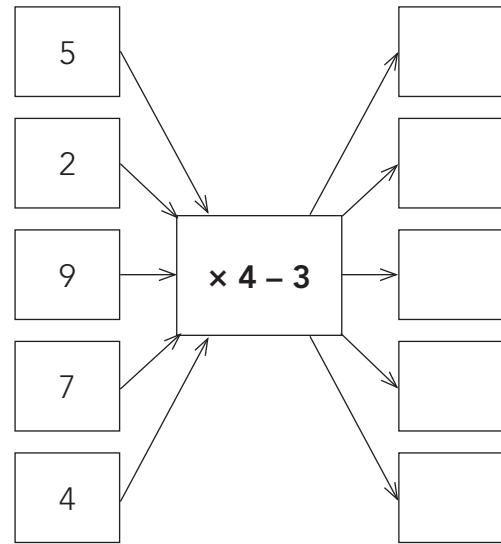
### Enrichment Activity 2.1

Fill in the output numbers.



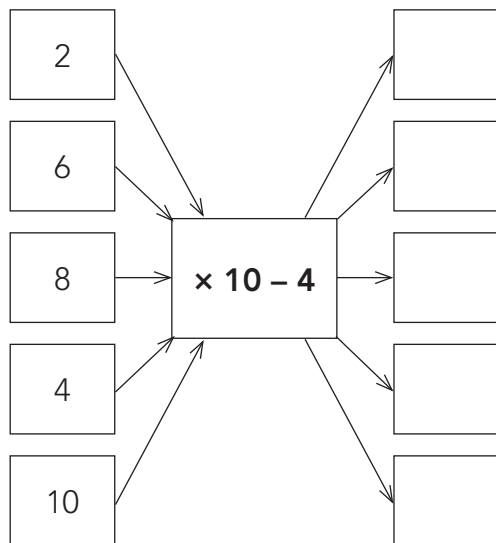
### Enrichment Activity 2.2

Fill in the output numbers.



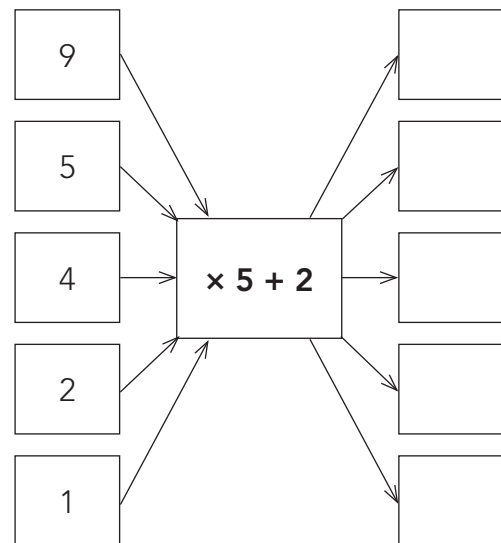
### Enrichment Activity 2.3

Fill in the output numbers.

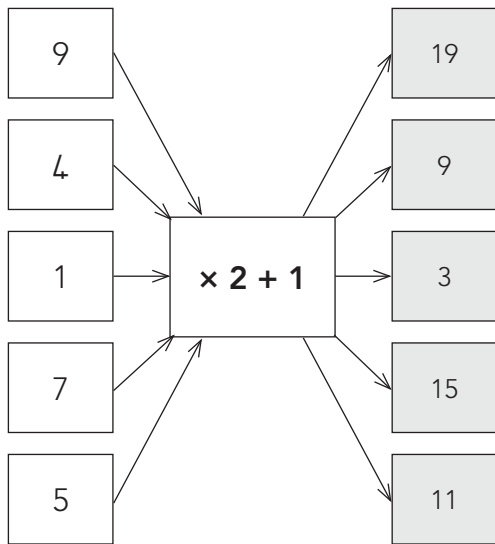


### Enrichment Activity 2.4

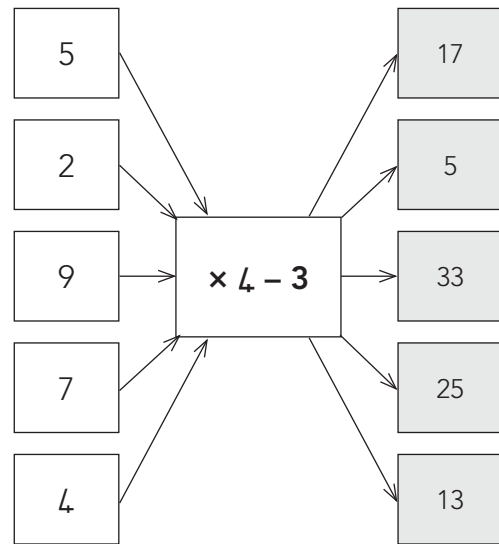
Fill in the output numbers.



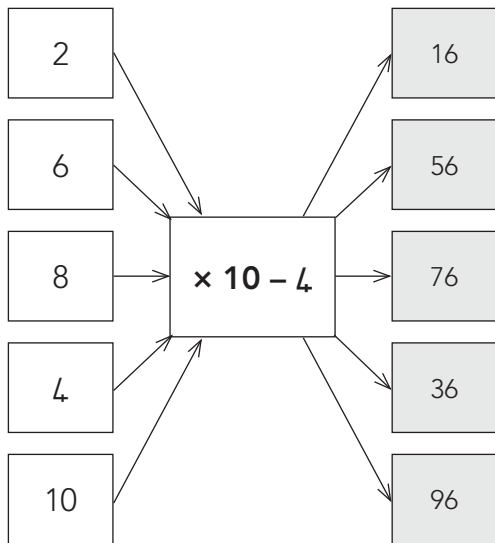
**Enrichment Activity 2.1: Answers**



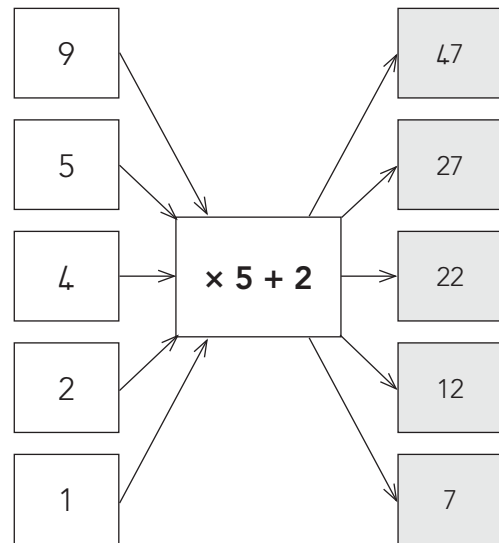
**Enrichment Activity 2.2: Answers**



**Enrichment Activity 2.3: Answers**



**Enrichment Activity 2.4: Answers**



### Enrichment Activity 2.5

What should I do to change the following?

- 124 to 104
- 176 to 170
- 135 to 100
- 192 to 92
- 141 to 1

### Enrichment Activity 2.6

Using a small stone, find the path from the start to the end by moving along the blocks in which the value of the hundreds is 2.

start	two hundred and four	208	400	321
103	one hundred and thirty	214	223	406
four hundred	327	104	two hundred and forty	151
412	48	thirty seven	253	end

### Enrichment Activity 2.7

Using a small stone, find the path from the start to the end by moving along the blocks in which the value of the tens is 2.

start	two hundred and four	319	470	392
129	one hundred and thirty	214	253	336
two hundred and twenty	307	104	two hundred and forty	257
325	328	421	429	end

### Enrichment Activity 2.8

Using a small stone, find the path from the start to the end by moving along the blocks in which the value of the hundreds is 3.

start	three hundred and four	319	351	282
129	one hundred and thirty	214	353	148
two hundred and twenty	273	134	three hundred and sixty	370
401	148	431	439	end

**Enrichment Activity 2.5: Answers**

- $124 - 20 = 104$   
I must subtract 20
- $176 - 6 = 170$   
I must subtract 6
- $135 - 35 = 100$   
I must subtract 35
- $192 - 100 = 92$   
I must subtract 100
- $141 - 140 = 1$   
I must subtract 140

**Enrichment Activity 2.6: Answers**

start	two hundred and four	208	400	321
103	one hundred and thirty	214	223	406
four hundred	327	104	two hundred and forty	151
412	48	thirty seven	253	end

**Enrichment Activity 2.7: Answers**

start	two hundred and four	319	470	392
129	one hundred and thirty	214	253	336
two hundred and twenty	307	104	two hundred and forty	257
325	328	421	429	end

**Enrichment Activity 2.8: Answers**

start	three hundred and four	319	351	282
129	one hundred and thirty	214	353	148
two hundred and twenty	273	134	three hundred and sixty	370
401	148	431	439	end

### Enrichment Activity 2.9

Using a small stone, find the path from the start to the end by moving along the blocks in which the value of the tens is 3.

three hundred and twenty	three hundred and four	319	232	start
113	two hundred and fifteen	214	237	339
three hundred and twenty	273	134	four hundred and thirty	433
321	148	three hundred and four	439	end

### Enrichment Activity 2.10

Using a small stone, find the path from the start to the end by moving along the blocks in which the value of the hundreds is 4.

start	four hundred and four	412	434	451
140	two hundred and four	214	374	477
two hundred and seven	298	134	one hundred and seven	490
145	259	351	439	end

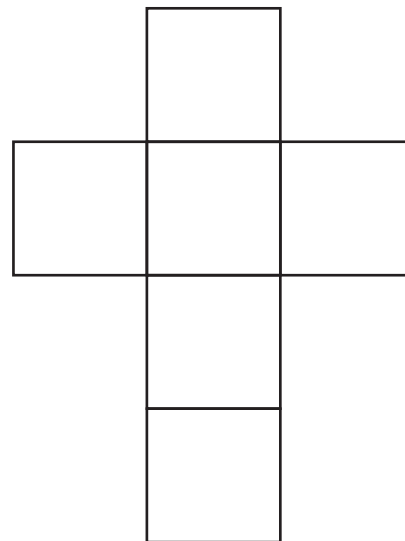
### Enrichment Activity 2.11

Using a small stone, find the path from the start to the end by moving along the blocks in which the value of the tens is 4.

start	146	312	424	401
135	244	221	157	289
287	248	134	207	490
124	341	345	449	end

### Enrichment Activity 2.12

Copy this template, and make your own small box.



What shape does this template make?

**Enrichment Activity 2.9: Answers**

three hundred and twenty	three hundred and four	319	232	start
113	two hundred and fifteen	214	237	339
three hundred and twenty	273	134	four hundred and thirty	433
321	148	three hundred and four	439	end

**Enrichment Activity 2.10: Answers**

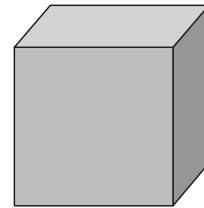
start	four hundred and four	412	434	451
140	two hundred and four	214	374	477
two hundred and seven	298	134	one hundred and seven	490
145	259	351	439	end

**Enrichment Activity 2.11: Answers**

start	146	312	424	401
135	244	221	157	289
287	248	134	207	490
124	341	345	449	end

**Enrichment Activity 2.12: Answers**

It makes a cube.



**Enrichment Activity 2.13**

Fill in the missing Sudoku numbers.

	4				3
			5		2
	1		2		
		2		3	
4		6			
1				5	

**Enrichment Activity 2.14**

Fill in the missing Sudoku numbers.

1		3	4		
4		6			3
2		1		6	
5		4	2		
3		2		4	
6		5			2

**Enrichment Activity 2.15**

Fill in the missing Sudoku numbers.

3					4
	2	6	5	1	
2	6	4	3	5	1
1					2
	4	1	2	3	
6					5

**Enrichment Activity 2.16**

Fill in the missing Sudoku numbers.

	4				3
			5		2
	1		2		
		2		3	
4		6			
1				5	



Enrichment Activity 2.13: Answers

2	4	5	6	1	3
6	3	1	5	4	2
3	1	4	2	6	5
5	6	2	1	3	4
4	5	6	3	2	1
1	2	3	4	5	6

Enrichment Activity 2.14: Answers

1	2	3	4	5	6
4	5	6	1	2	3
2	3	1	5	6	4
5	6	4	2	3	1
3	1	2	6	4	5
6	4	5	3	1	2

Enrichment Activity 2.15: Answers

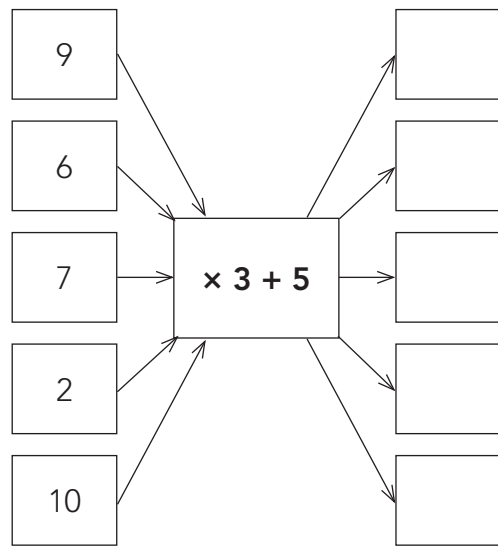
3	1	5	6	2	4
	2	6	5	1	3
2	6	4	3	5	1
1	5	3	4	6	2
5	4	1	2	3	6
6	3	2	1	4	5

Enrichment Activity 2.16: Answers

2	4	5	6	1	3
6	3	1	5	4	2
3	1	4	2	6	5
5	6	2	1	3	4
4	5	6	3	2	1
1	2	3	4	5	6

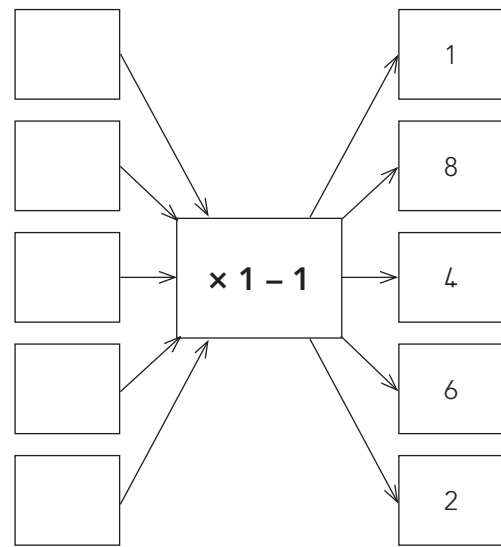
### Enrichment Activity 2.17

Fill in the output numbers.



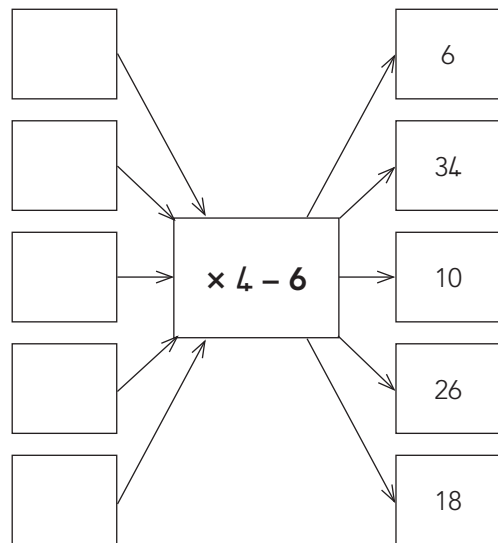
### Enrichment Activity 2.18

Fill in the input numbers.



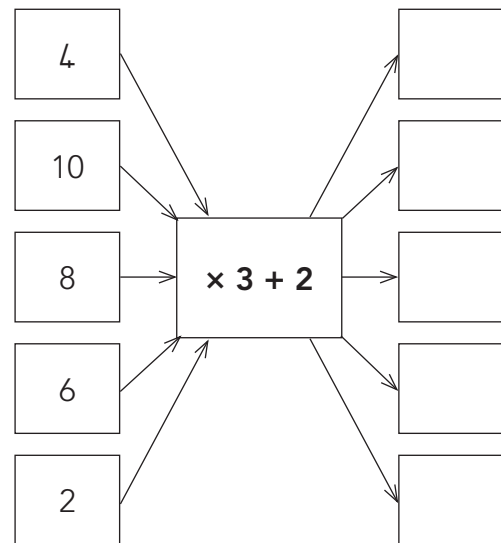
### Enrichment Activity 2.19

Fill in the input numbers.

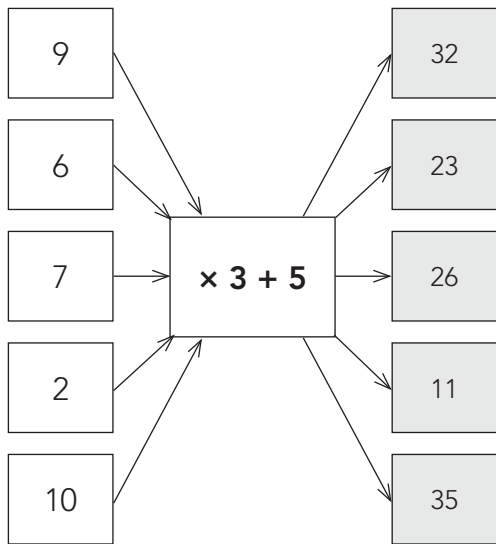


### Enrichment Activity 2.20

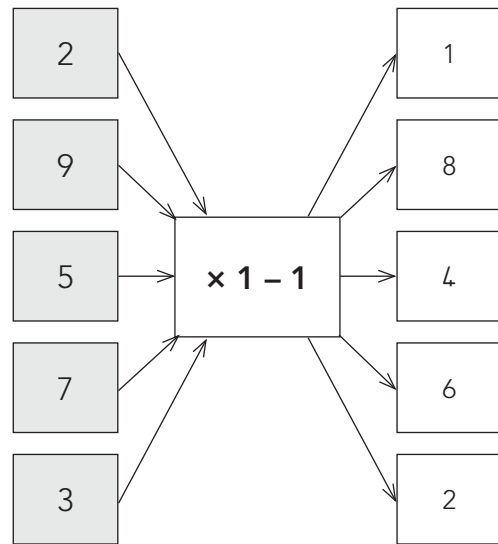
Fill in the output numbers.



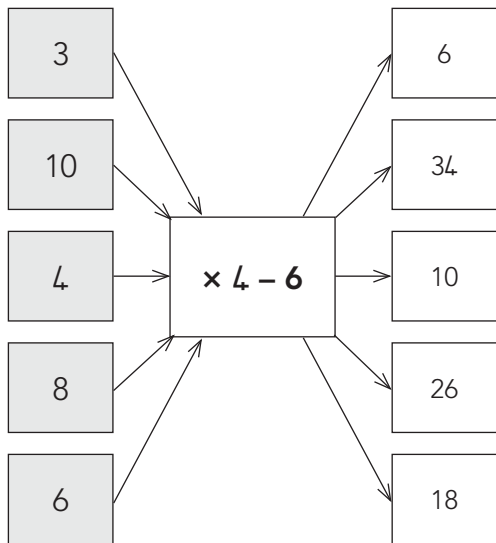
**Enrichment Activity 2.17: Answers**



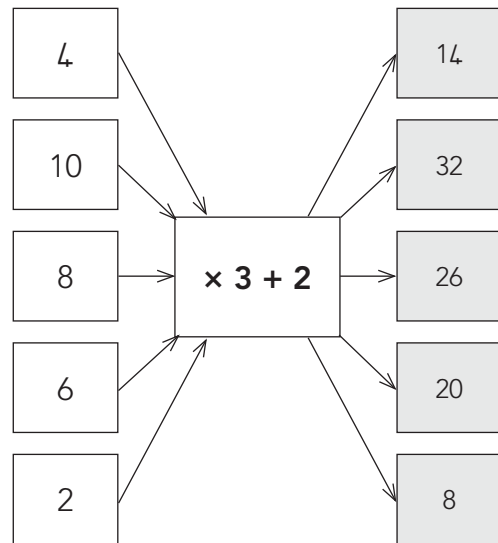
**Enrichment Activity 2.18: Answers**



**Enrichment Activity 2.19: Answers**



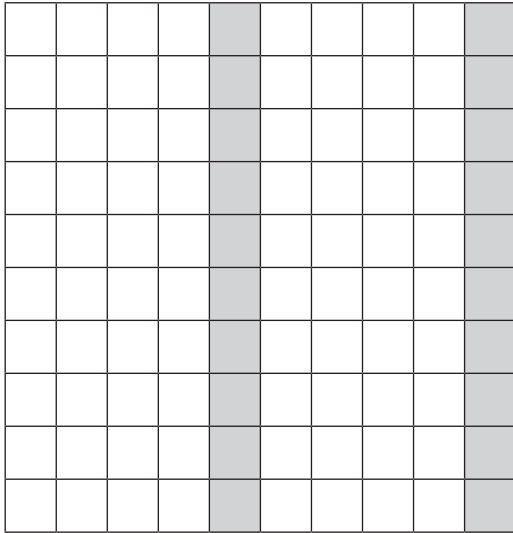
**Enrichment Activity 2.20: Answers**



**Enrichment Activity 2.21**

Write the numbers from 1–100 into the number board.

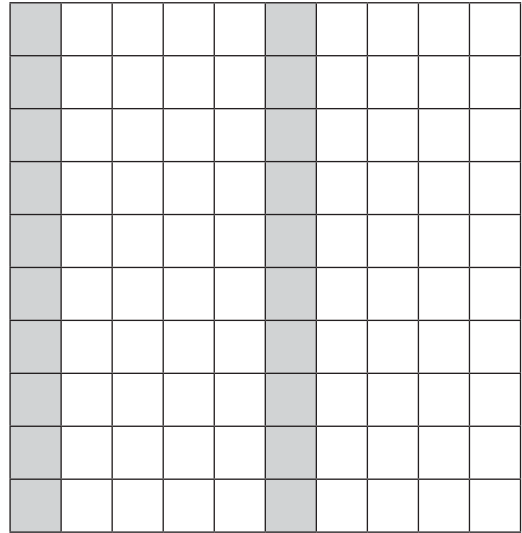
What pattern has been shaded?



**Enrichment Activity 2.22**

Write the numbers from 1–100 into the number board.

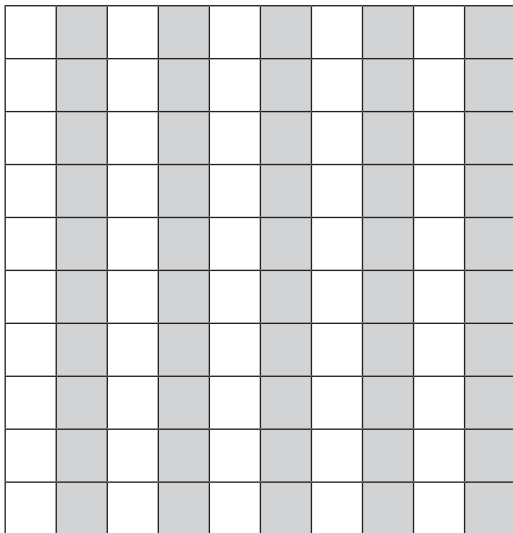
What pattern has been shaded?



**Enrichment Activity 2.23**

Write the numbers from 1–100 into the number board.

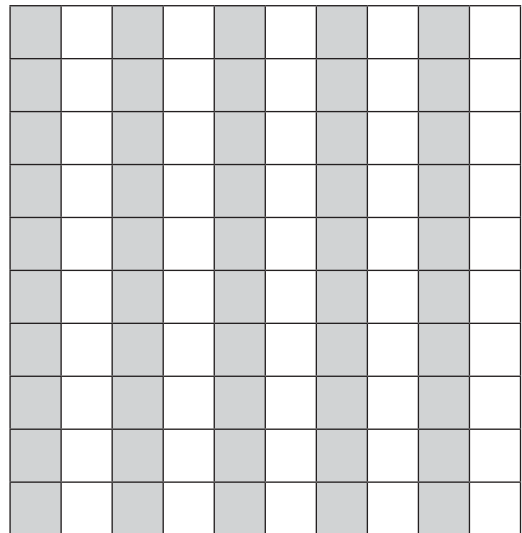
What pattern has been shaded?



**Enrichment Activity 2.24**

Write the numbers from 1–100 into the number board.

What pattern has been shaded?



**Enrichment Activity 2.21: Answers**

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

The pattern shows the multiples of 5 starting with 5.

**Enrichment Activity 2.22: Answers**

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

The pattern shows the multiples of 5 starting with 1.

**Enrichment Activity 2.23: Answers**

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

The pattern shows the multiples of 2 starting with 2.

**Enrichment Activity 2.24: Answers**

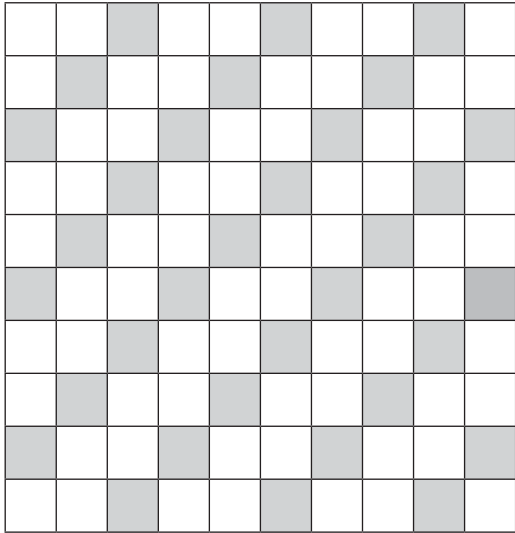
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

The pattern shows the multiples of 2 starting with 1.

**Enrichment Activity 2.25**

Write the numbers from 1–100 into the number board.

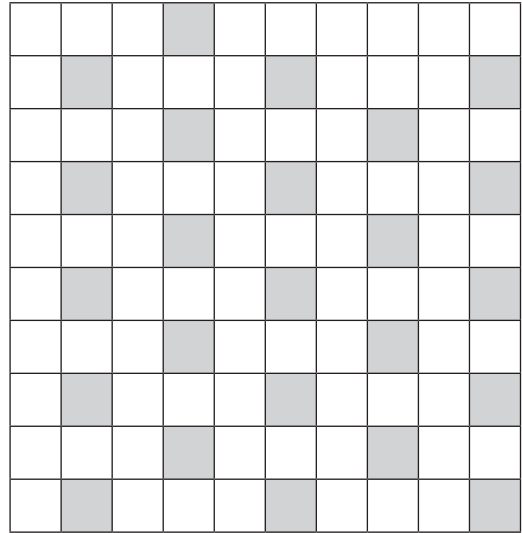
What pattern has been shaded?



**Enrichment Activity 2.26**

Write the numbers from 1–100 into the number board.

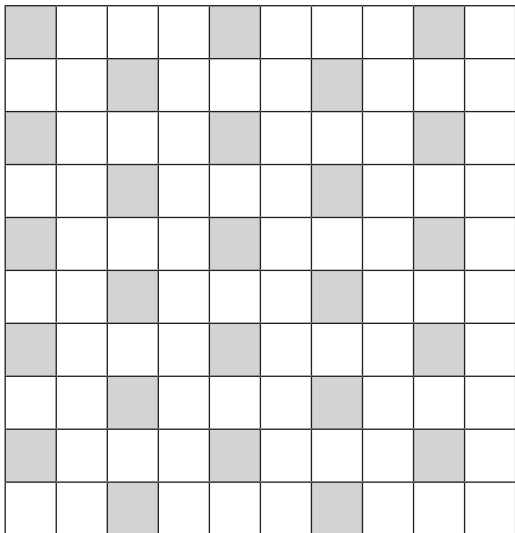
What pattern has been shaded?



**Enrichment Activity 2.27**

Write the numbers from 1–100 into the number board.

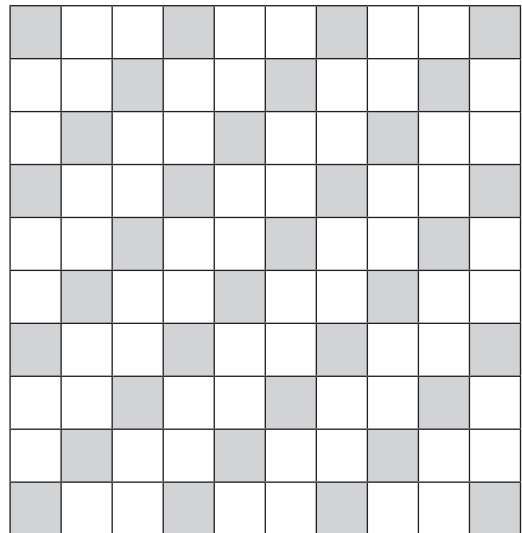
What pattern has been shaded?



**Enrichment Activity 2.28**

Write the numbers from 1–100 into the number board.

What pattern has been shaded?



**Enrichment Activity 2.25: Answers**

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

The pattern shows the multiples of 3 starting with 3.

**Enrichment Activity 2.26: Answers**

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

The pattern shows the multiples of 4 starting with 4.

**Enrichment Activity 2.27: Answers**

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

The pattern shows the multiples of 4 starting with 1.

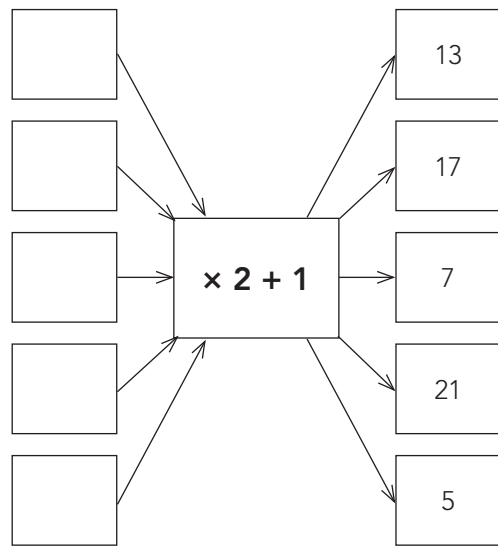
**Enrichment Activity 2.28: Answers**

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

The pattern shows the multiples of 3 starting with 1.

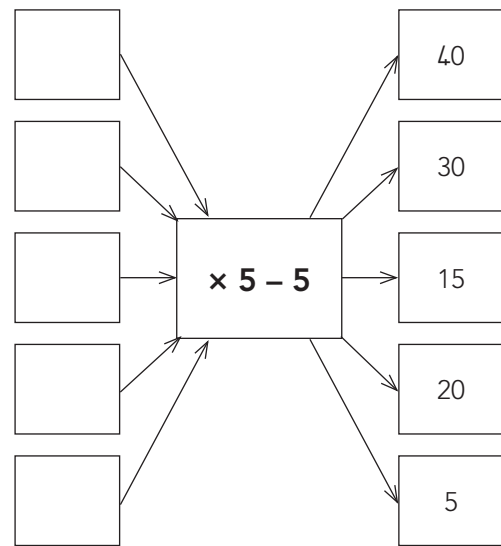
**Enrichment Activity 2.29**

Fill in the input numbers.



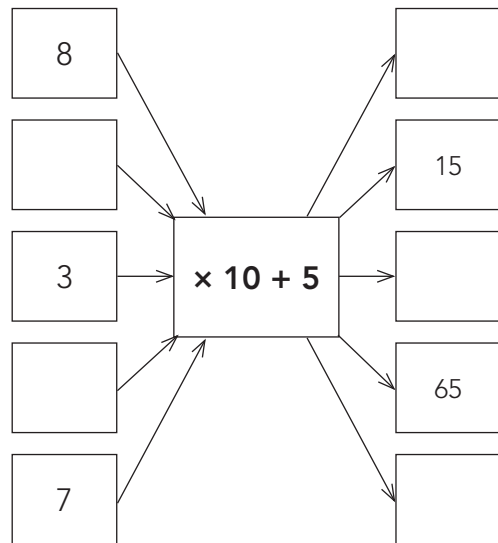
**Enrichment Activity 2.30**

Fill in the input numbers.



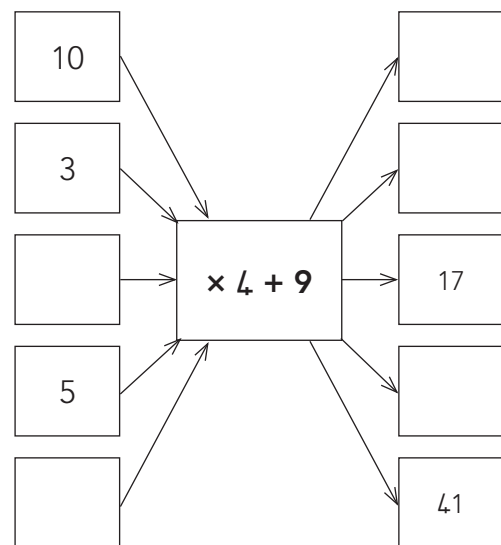
**Enrichment Activity 2.31**

Fill in the missing numbers.



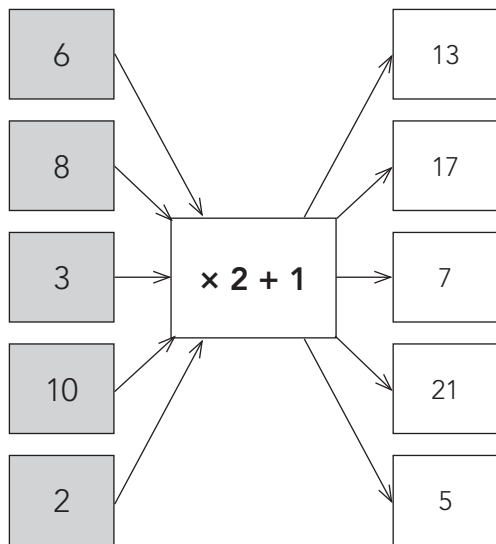
**Enrichment Activity 2.32**

Fill in the missing numbers.

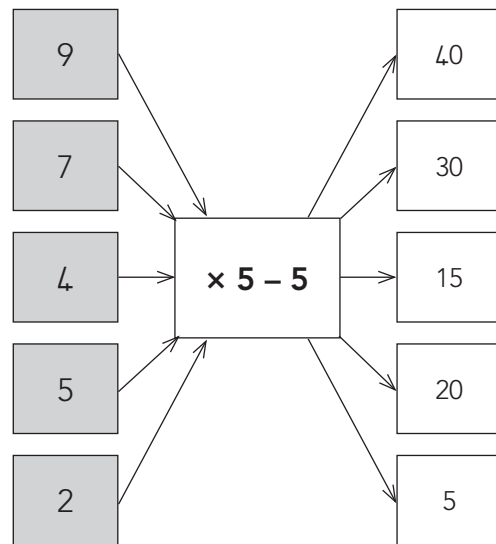




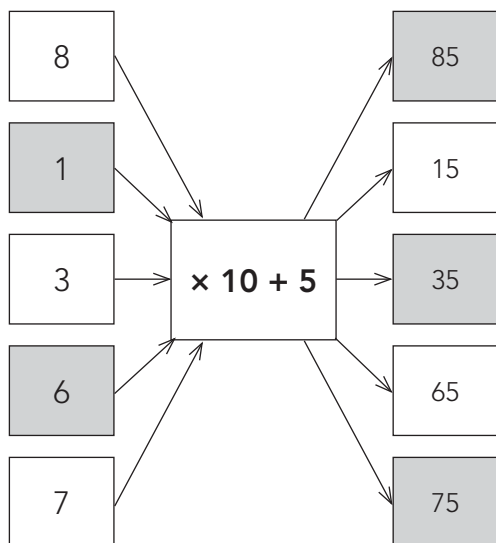
**Enrichment Activity 2.29: Answers**



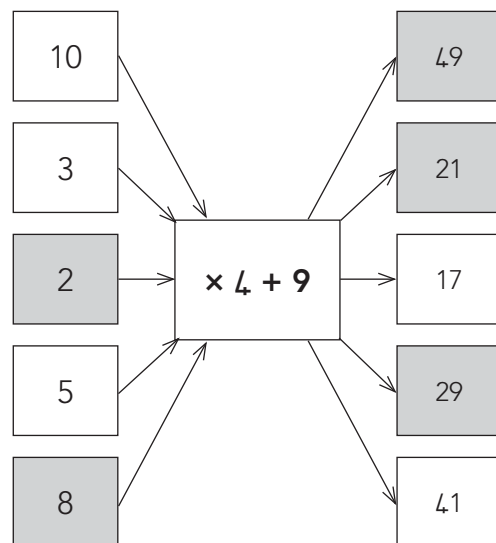
**Enrichment Activity 2.30: Answers**



**Enrichment Activity 2.31: Answers**

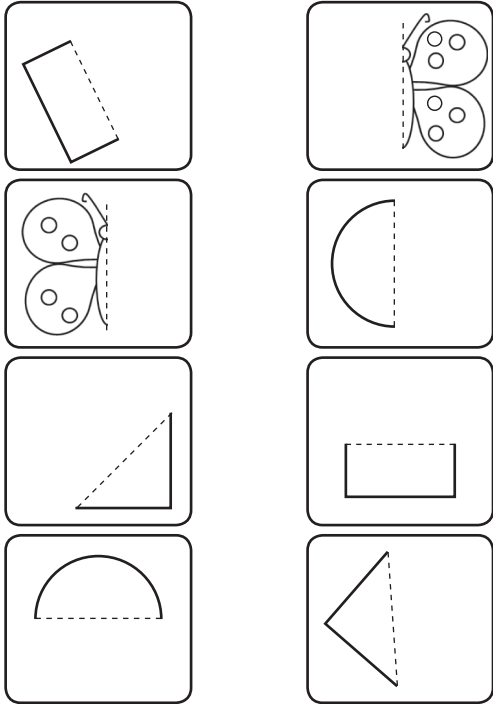


**Enrichment Activity 2.32: Answers**



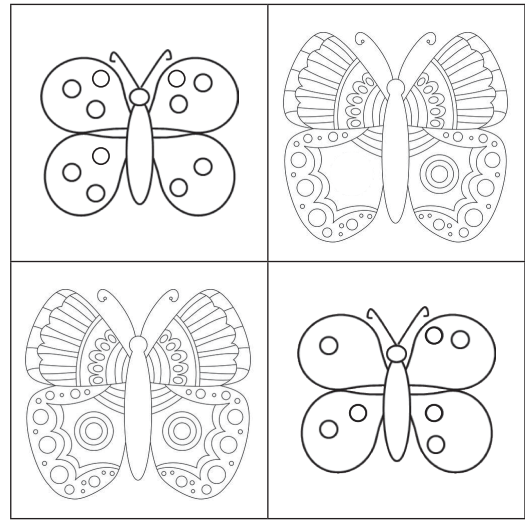
**Enrichment Activity 2.33**

Find the other part.



**Enrichment Activity 2.34**

Which picture is symmetrical?



**Enrichment Activity 2.35**

Find the path by counting in fifties.

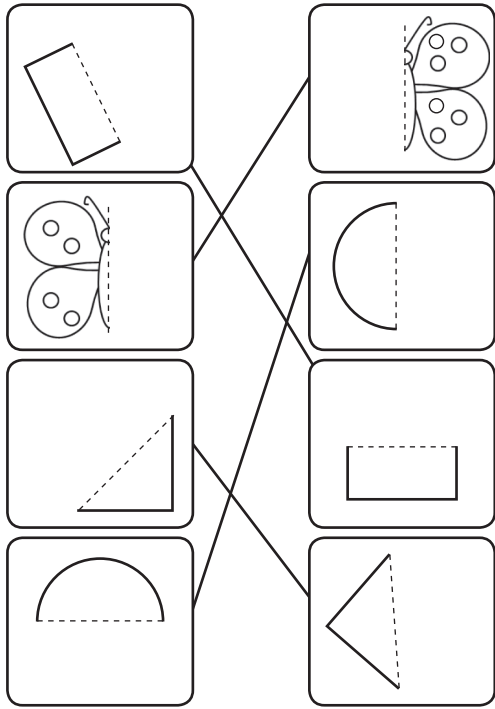
start	50	100	150	157
510	150	200	250	170
185	359	350	300	210
405	219	400	252	5
305	354	450	500	end

**Enrichment Activity 2.36**

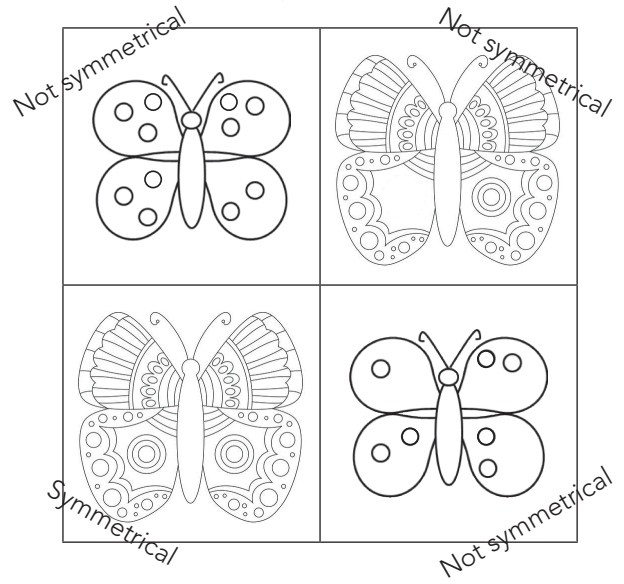
Find the path by counting in 100s.

50	120	60	20	start
70	600	500	90	100
30	700	400	300	200
40	800	140	10	110
50	900	150	80	40
end	1000	130	170	160

Enrichment Activity 2.33: Answers



Enrichment Activity 2.34: Answers



Enrichment Activity 2.35: Answers

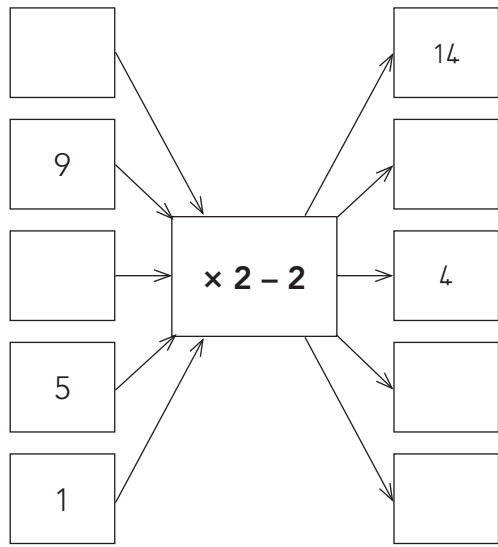
start	50	100	150	157
510	150	200	250	170
185	359	350	300	210
405	219	400	252	5
305	354	450	500	end

Enrichment Activity 2.36: Answers

50	120	60	20	start
70	600	500	90	100
30	700	400	300	200
40	800	140	10	110
50	900	150	80	40
end	1000	130	170	160

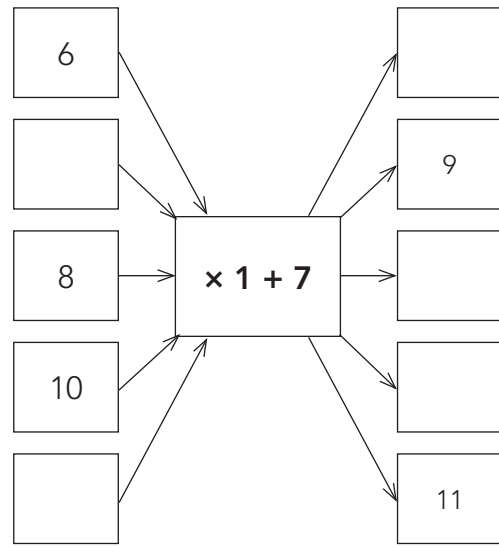
**Enrichment Activity 2.37**

Fill in the missing numbers.



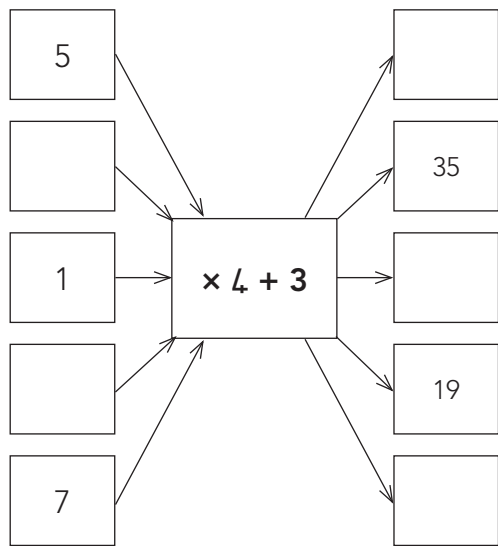
**Enrichment Activity 2.38**

Fill in the missing numbers.



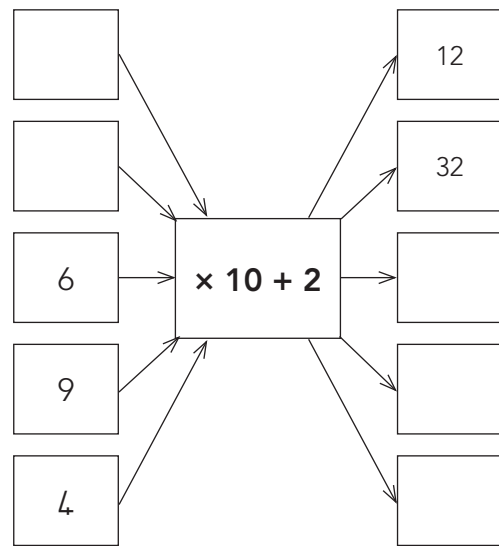
**Enrichment Activity 2.39**

Fill in the missing numbers.

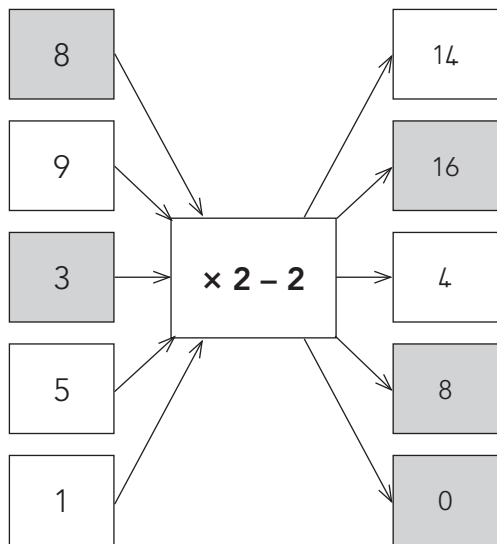


**Enrichment Activity 2.40**

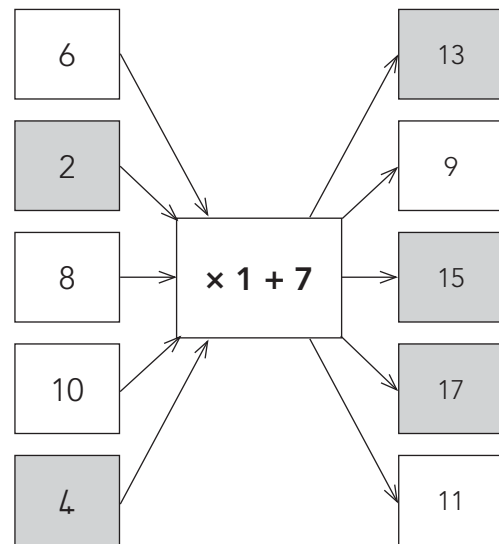
Fill in the missing numbers.



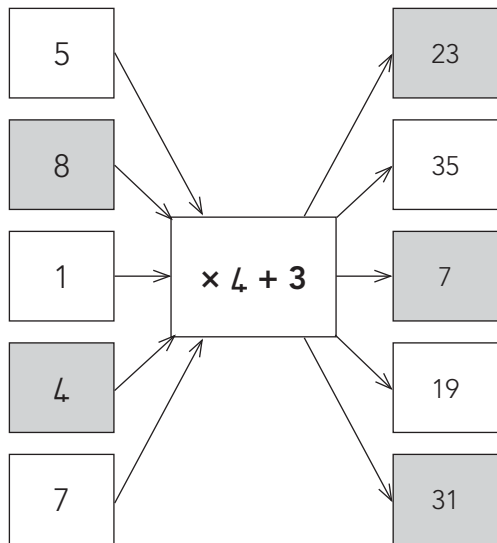
**Enrichment Activity 2.37: Answers**



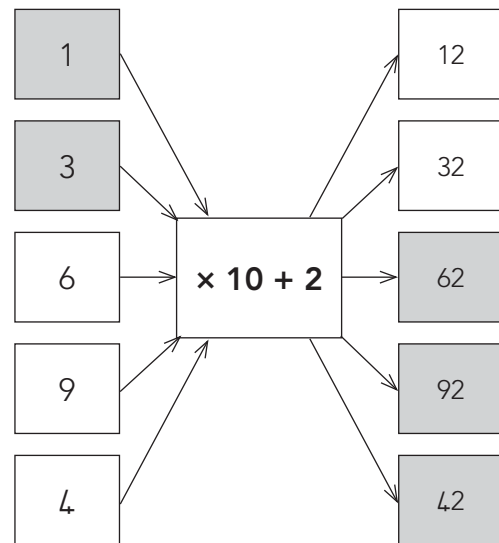
**Enrichment Activity 2.38: Answers**



**Enrichment Activity 2.39: Answers**



**Enrichment Activity 2.40: Answers**





## Enrichment Activity Cards: isiXhosa 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.

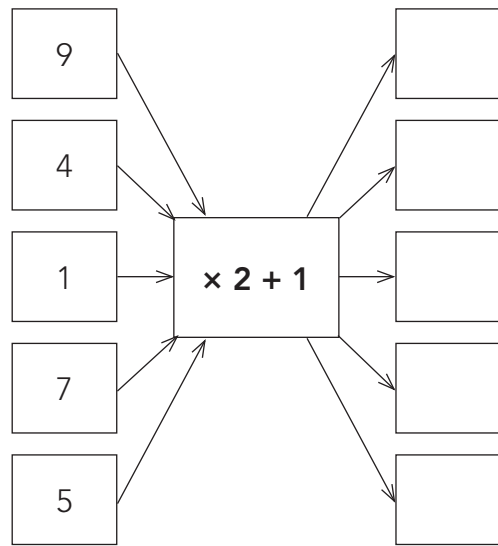
These cards include activities that you can use for enrichment opportunities for learners who have completed the lesson activities ahead of the rest of the class. Learners should work on these cards independently or with their peers who have also completed the classwork. You may need to explain some 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.

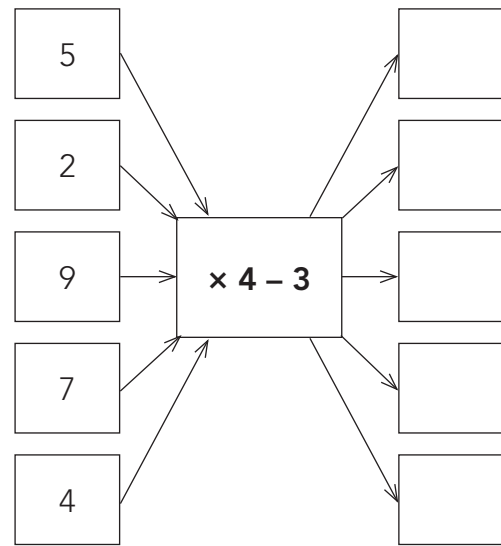
**Umsebenzi Wophuculo 2.1**

Fakela amanani ashinyiweyo.



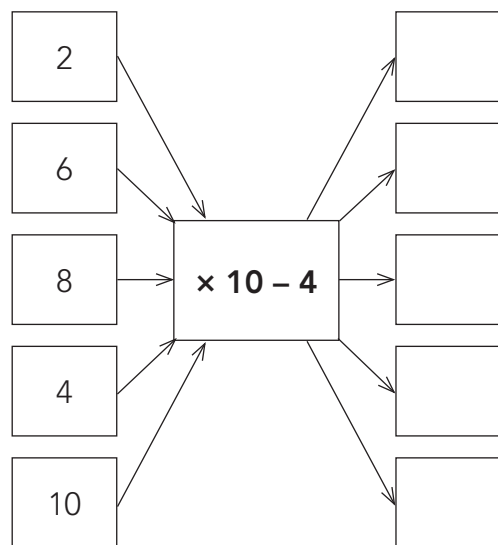
**Umsebenzi Wophuculo 2.2**

Fakela amanani ashinyiweyo.



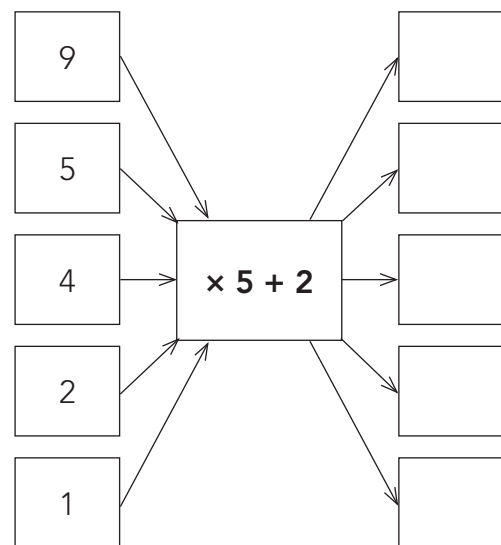
**Umsebenzi Wophuculo 2.3**

Fakela amanani ashinyiweyo.



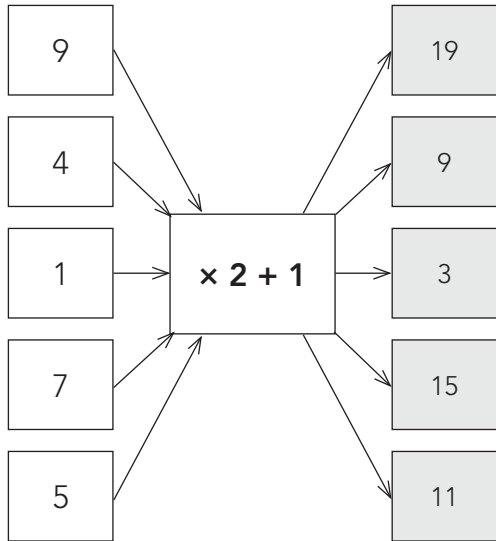
**Umsebenzi Wophuculo 2.4**

Fakela amanani ashinyiweyo.

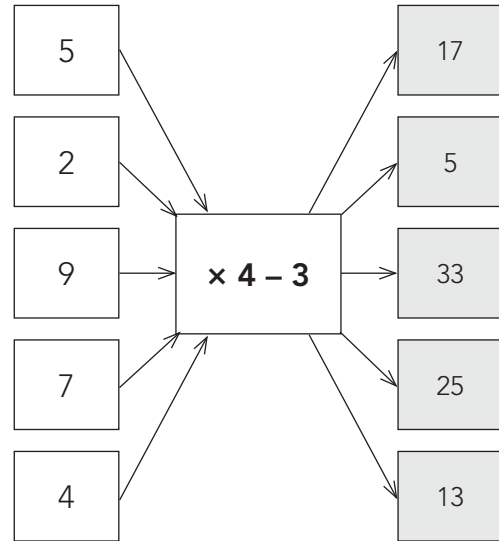




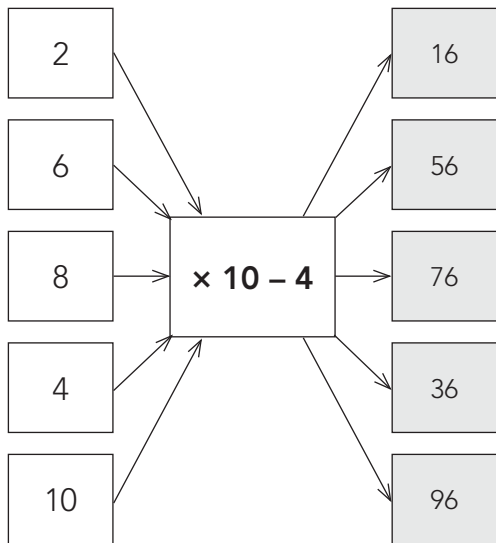
Umsebenzi Wophuculo 2.1: limpendulo



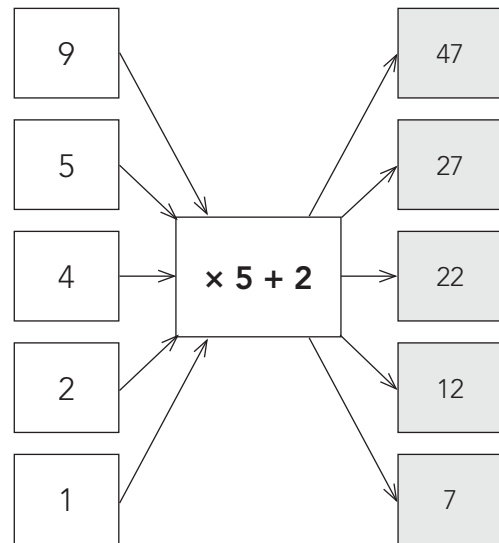
Umsebenzi Wophuculo 2.2: limpendulo



Umsebenzi Wophuculo 2.3: limpendulo



Umsebenzi Wophuculo 2.4: limpendulo



### Umsebenzi Wophuculo 2.5

Kufuneka ndenze ntoni ukutshintsha oku kulandelayo?

- i-124 libe li-104
- i-176 libe li-170
- i-135 libe li-100
- i-192 libe ngama-92
- i-141 libe sisi-1

### Umsebenzi Wophuculo 2.6

Sebenzisa ilitye elincinane, khangela indlela esuka ekuqaleni ukuya esiphelweni ngokuhambisa ilitye elincinci kwiibhloko apho ixabiso lamakhulu isisi-2.

qala	amakhulu amabini anesine	208	400	321
103	ikhulu elinamashumi amathathu	214	223	406
amakhulu amane	327	104	amakhulu amabini anamashumi amane	151
412	48	amashumi amathathu anesixhenxe	253	isiphelo

### Umsebenzi Wophuculo 2.7

Sebenzisa ilitye elincinane, khangela indlela esuka ekuqaleni ukuya esiphelweni ngokuhambisa ilitye elincinci kwiibhloko apho ixabiso lamashumi isisi-2.

qala	amakhulu amabini anesine	319	470	392
129	ikhulu elinamashumi amathathu	214	253	336
amakhulu amabini anamashumi amabini	307	104	amakhulu amabini anamashumi amane	257
325	328	421	429	isiphelo

### Umsebenzi Wophuculo 2.8

Sebenzisa ilitye elincinane, khangela indlela esuka ekuqaleni ukuya esiphelweni ngokuhambisa ilitye elincinci kwiibhloko apho ixabiso lamakhulu isisi-3

qala	amakhulu amathathu anesine	319	351	282
129	ikhulu elinamashumi amathathu	214	353	148
amakhulu amabini anamashumi amabini	273	134	amakhulu amathathu anamashumi amathandathu	370
401	148	431	439	isiphelo

**Umsebenzi Wophuculo 2.5: Iimpendulo**

- $124 - 20 = 104$   
Kufuneka ndithabathe ama-20
- $176 - 6 = 170$   
Kufuneka ndithabathe ama-6
- $135 - 35 = 100$   
Kufuneka ndithabathe ama-35
- $192 - 100 = 92$   
Kufuneka ndithabathe i-100
- $141 - 140 = 1$   
Kufuneka ndithabathe i-140

**Umsebenzi Wophuculo 2.6: Iimpendulo**

qala	amakhulu amabini anesine	208	400	321
103	ikhulu elinamashumi amathathu	214	223	406
amakhulu amane	327	104	amakhulu amabini anamashumi amane	151
412	48	amashumi amathathu anesixhenxe	253	isiphelo

**Umsebenzi Wophuculo 2.7: Iimpendulo**

qala	amakhulu amabini anesine	319	470	392
129	ikhulu elinamashumi amathathu	214	253	336
amakhulu amabini anamashumi amabini	307	104	amakhulu amabini anamashumi amane	257
325	328	421	429	isiphelo

**Umsebenzi Wophuculo 2.8: Iimpendulo**

qala	amakhulu amathathu anesine	319	351	282
129	ikhulu elinamashumi amathathu	214	353	148
amakhulu amabini anamashumi amabini	273	134	amakhulu amathathu anamashumi amathandathu	370
401	148	431	439	isiphelo

**Umsebenzi Wophuculo 2.9**

Sebenzisa ilitye elincinane, khangela indlela esuka ekuqaleni ukuya esiphelweni ngokuhambisa ilitye elincinci kwiibhloko apho ixabiso lamashumi isisi-3.

amakhulu amathathu anamashumi amabini	amakhulu amathathu anesine	319	232	qala
113	amakhulu amabini aneshumi elinesihlanu	214	237	339
amakhulu amathathu anamashumi amabini	273	134	amakhulu amane anamashumi amathathu	433
321	148	amakhulu amathathu anesine	439	isiphelo

**Umsebenzi Wophuculo 2.10**

Sebenzisa ilitye elincinane, khangela indlela esuka ekuqaleni ukuya esiphelweni ngokuhambisa ilitye elincinci kwiibhloko apho ixabiso lamakhulu isisi-4 .

qala	amakhulu amane anesine	412	434	451
140	amakhulu amabini anesine	214	374	477
amakhulu amabini anesine	298	134	ikhulu eline-sixhenxe	490
145	259	351	439	isiphelo

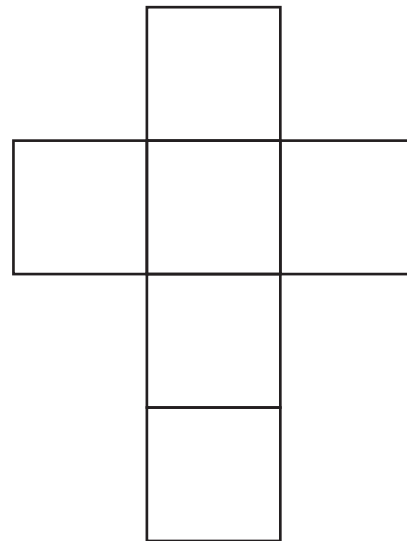
**Umsebenzi Wophuculo 2.11**

Sebenzisa ilitye elincinane, khangela indlela esuka ekuqaleni ukuya esiphelweni ngokuhambisa ilitye elincinci kwiibhloko apho ixabiso lamashumi isisi-4.

qala	146	312	424	401
135	244	221	157	289
287	248	134	207	490
124	341	345	449	isiphelo

**Umsebenzi Wophuculo 2.12**

Khuphela lo mfanekiso, uze wenze eyakho ibhokisi encinci.



Wenza eyiphi imilo lo mfanekiso

Umsebenzi Wophuculo 2.9: Iimpendulo

amakhulu amatathu anamashumi amabini	amakhulu amatathu anesine	319	232	qala
113	amakhulu amabini aneshumi elinesihlanu	214	237	339
amakhulu amatathu anamashumi amabini	273	134	amakhulu amane anamashumi amatathu	433
321	148	amakhulu amatathu anesine	439	isiphelo

Umsebenzi Wophuculo 2.10: Iimpendulo

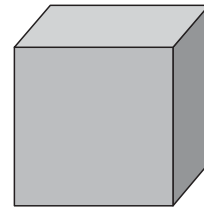
qala	amakhulu amane anesine	412	434	451
140	amakhulu amabini anesine	214	374	477
amakhulu amabini anesine	298	134	ikhulu eline- sixhenxe	490
145	259	351	439	isiphelo

Umsebenzi Wophuculo 2.11: Iimpendulo

qala	146	312	424	401
135	244	221	157	289
287	248	134	207	490
124	341	345	449	isiphelo

Umsebenzi Wophuculo 2.12: Iimpendulo

Yenza ityhubhu.



### Umsebenzi Wophuculo 2.13

Fakela amanani ashinyiweyo eSudoku.

	4				3
			5		2
	1		2		
		2		3	
4		6			
1				5	

### Umsebenzi Wophuculo 2.14

Fakela amanani ashinyiweyo eSudoku.

1		3	4		
4		6			3
2		1		6	
5		4	2		
3		2		4	
6		5			2

### Umsebenzi Wophuculo 2.15

Fakela amanani ashinyiweyo eSudoku.

3					4
	2	6	5	1	
2	6	4	3	5	1
1					2
	4	1	2	3	
6					5

### Umsebenzi Wophuculo 2.16

Fakela amanani ashinyiweyo eSudoku.

	4				3
			5		2
	1		2		
		2		3	
4		6			
1				5	

Umsebenzi Wophuculo 2.13: limpendulo

2	4	5	6	1	3
6	3	1	5	4	2
3	1	4	2	6	5
5	6	2	1	3	4
4	5	6	3	2	1
1	2	3	4	5	6

Umsebenzi Wophuculo 2.14: limpendulo

1	2	3	4	5	6
4	5	6	1	2	3
2	3	1	5	6	4
5	6	4	2	3	1
3	1	2	6	4	5
6	4	5	3	1	2

Umsebenzi Wophuculo 2.15: limpendulo

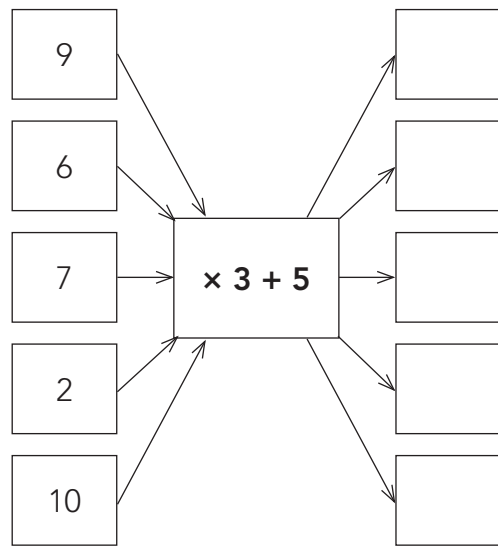
3	1	5	6	2	4
	2	6	5	1	3
2	6	4	3	5	1
1	5	3	4	6	2
5	4	1	2	3	6
6	3	2	1	4	5

Umsebenzi Wophuculo 2.16: limpendulo

2	4	5	6	1	3
6	3	1	5	4	2
3	1	4	2	6	5
5	6	2	1	3	4
4	5	6	3	2	1
1	2	3	4	5	6

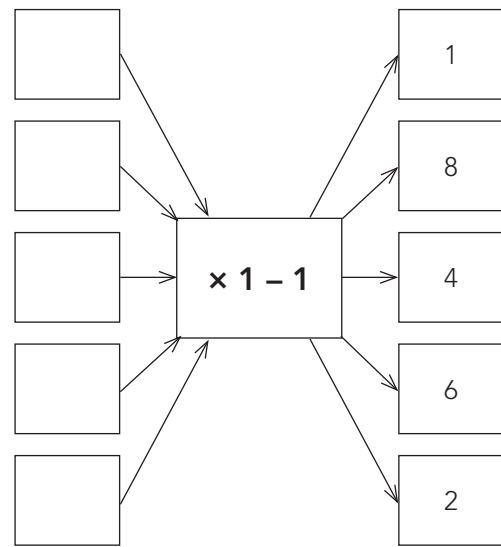
**Umsebenzi Wophuculo 2.17**

Fakela amanani ashinyiweyo.



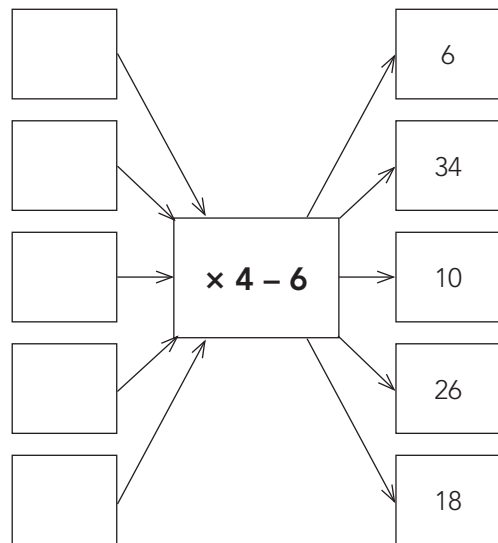
**Umsebenzi Wophuculo 2.18**

Fakela amanani ashinyiweyo.



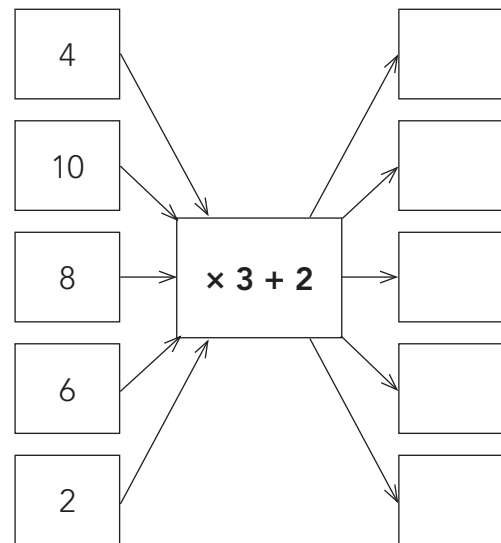
**Umsebenzi Wophuculo 2.19**

Fakela amanani ashinyiweyo.



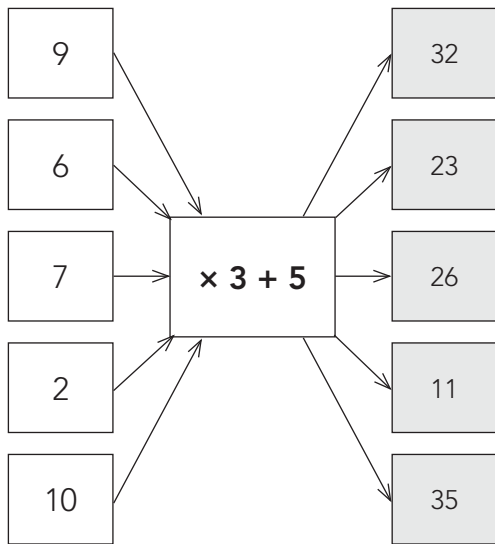
**Umsebenzi Wophuculo 2.20**

Fakela amanani ashinyiweyo.

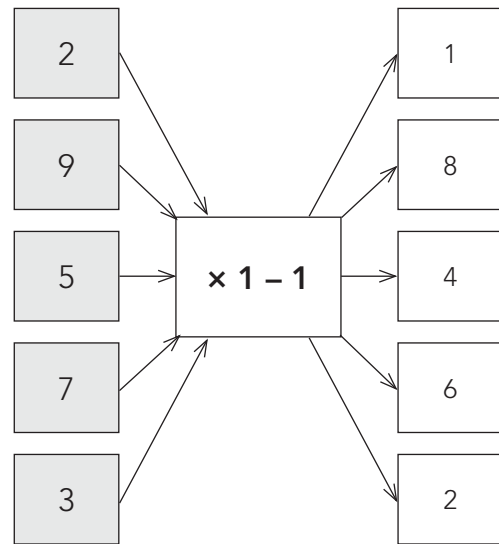




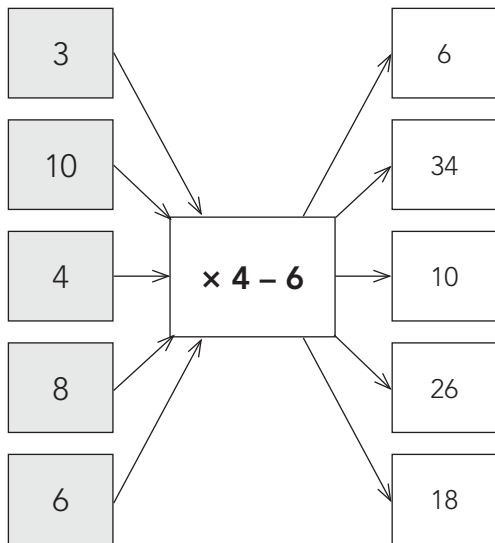
Umsebenzi Wophuculo 2.17: limpendulo



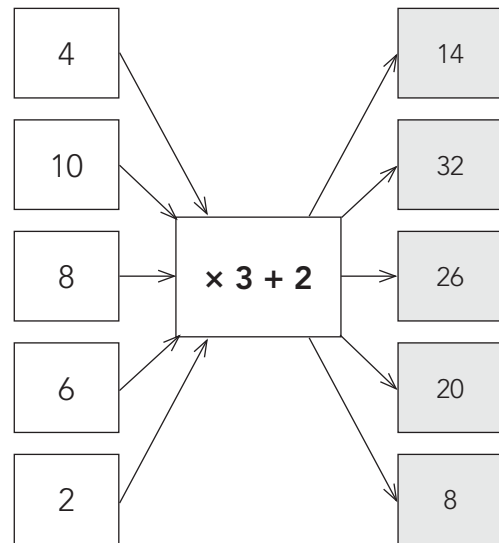
Umsebenzi Wophuculo 2.18: limpendulo



Umsebenzi Wophuculo 2.19: limpendulo



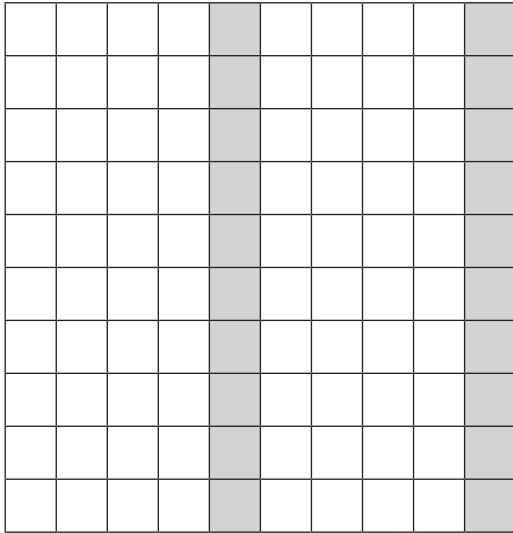
Umsebenzi Wophuculo 2.20: limpendulo



**Umsebenzi Wophuculo 2.21**

Bhala amanani ukusuka kwisi-1-100 kwibhodi yamanani.

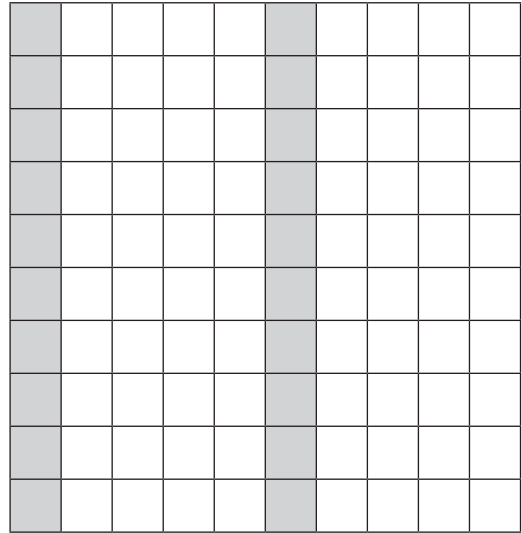
Yeyiphi ipatheni enombala ohlikihliweyo?



**Umsebenzi Wophuculo 2.22**

Bhala amanani ukusuka kwisi-1-100 kwibhodi yamanani.

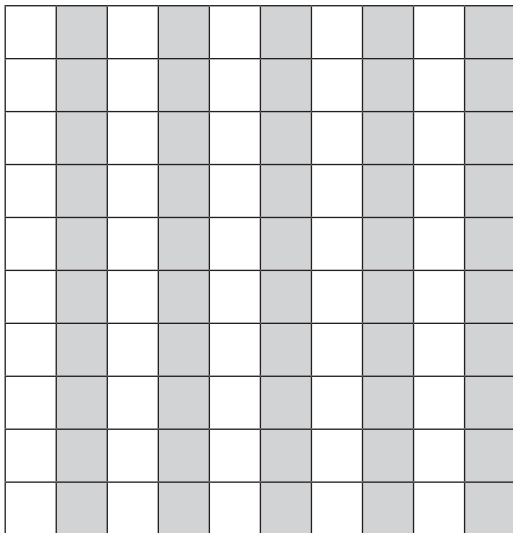
Yeyiphi ipatheni enombala ohlikihliweyo?



**Umsebenzi Wophuculo 2.23**

Bhala amanani ukusuka kwisi-1-100 kwibhodi yamanani.

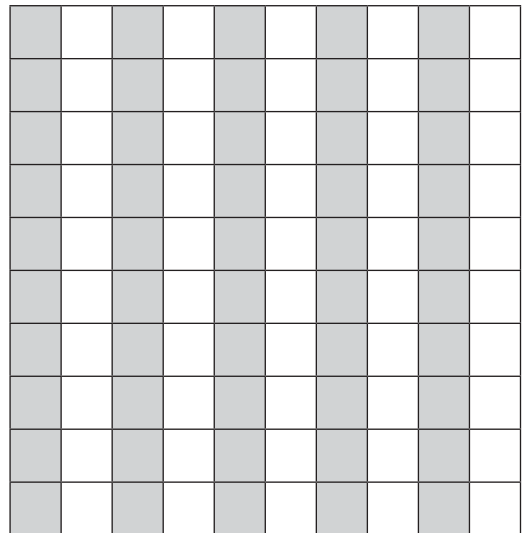
Yeyiphi ipatheni enombala ohlikihliweyo?



**Umsebenzi Wophuculo 2.24**

Bhala amanani ukusuka kwisi-1-100 kwibhodi yamanani.

Yeyiphi ipatheni enombala ohlikihliweyo?



**Umsebenzi Wophuculo 2.21: limpendulo**

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Ipatheni ibonisa iziphindwa zesi-5 eziqala ngesi-5.

**Umsebenzi Wophuculo 2.22: limpendulo**

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Ipatheni ibonisa iziphindwa zesi-5 eziqala ngesi-1.

**Umsebenzi Wophuculo 2.23: limpendulo**

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Ipatheni ibonisa iziphindwa zesi-2 eziqala ngesi-2.

**Umsebenzi Wophuculo 2.24: limpendulo**

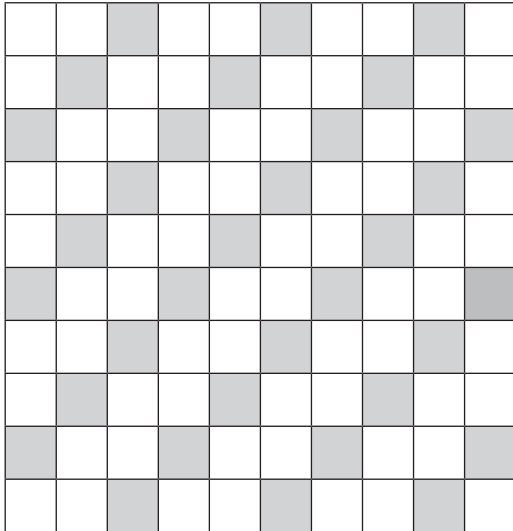
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Ipatheni ibonisa iziphindwa zesi-2 eziqala ngesi-1.

**Umsebenzi Wophuculo 2.25**

Bhala amanani ukusuka kwisi-1-100 kwibhodi yamanani.

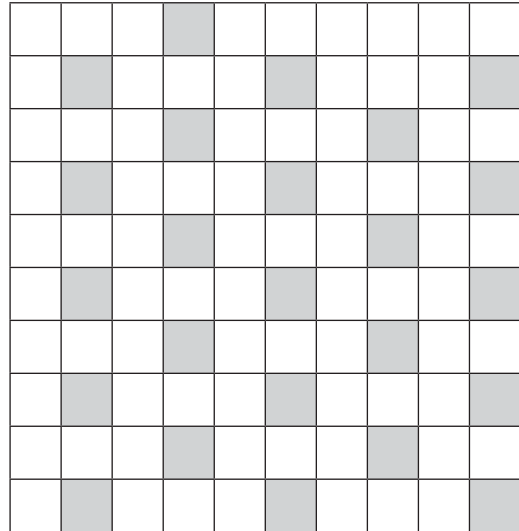
Yeyiphi ipatheni enombala ohlikihliweyo?



**Umsebenzi Wophuculo 2.26**

Bhala amanani ukusuka kwisi-1-100 kwibhodi yamanani.

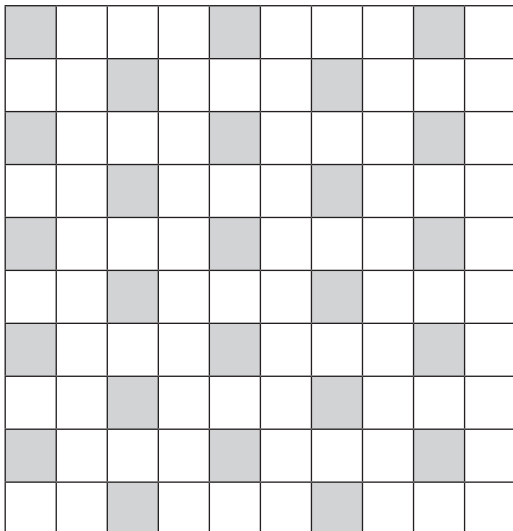
Yeyiphi ipatheni enombala ohlikihliweyo?



**Umsebenzi Wophuculo 2.27**

Bhala amanani ukusuka kwisi-1-100 kwibhodi yamanani.

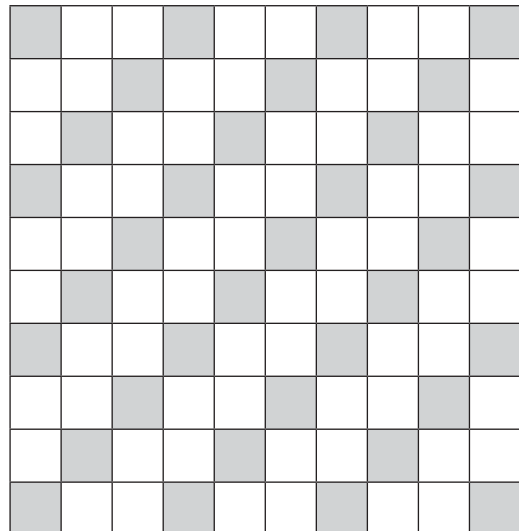
Yeyiphi ipatheni enombala ohlikihliweyo?



**Umsebenzi Wophuculo 2.28**

Bhala amanani ukusuka kwisi-1-100 kwibhodi yamanani.

Yeyiphi ipatheni enombala ohlikihliweyo?



**Umsebenzi Wophuculo 2.25: limpendulo**

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Ipatheni ibonisa iziphindwa zesi-3 eziqala ngesi-3.

**Umsebenzi Wophuculo 2.26: limpendulo**

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Ipatheni ibonisa iziphindwa zesi-4 eziqala ngesi-4.

**Umsebenzi Wophuculo 2.27: limpendulo**

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Ipatheni ibonisa iziphindwa zesi-4 eziqala ngesi-1.

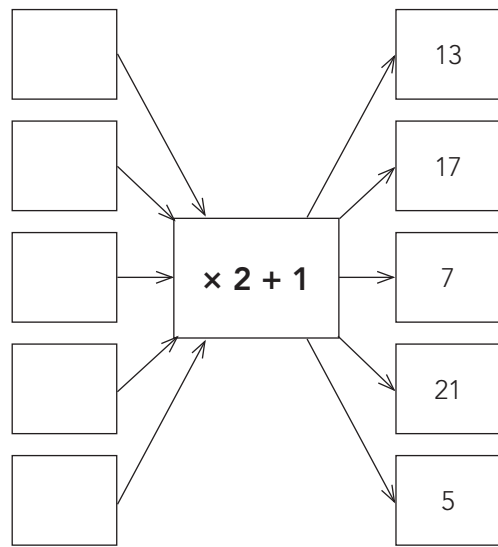
**Umsebenzi Wophuculo 2.28: limpendulo**

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Ipatheni ibonisa iziphindwa zesi-3 eziqala ngesi-1.

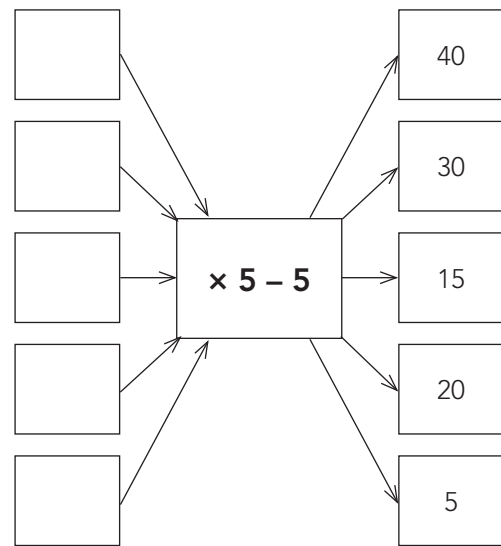
**Umsebenzi Wophuculo 2.29**

Fakela amanani ashinyiweyo.



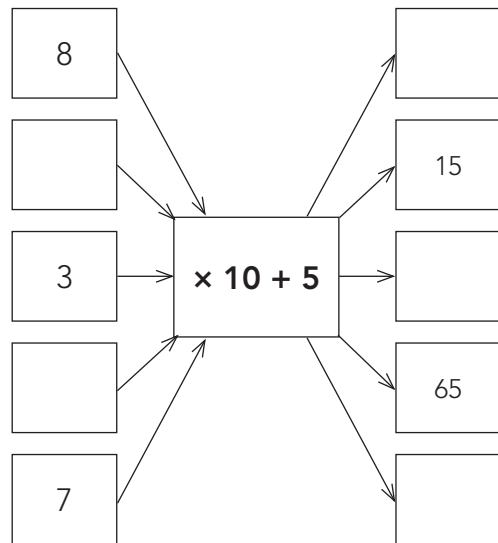
**Umsebenzi Wophuculo 2.30**

Fakela amanani ashinyiweyo.



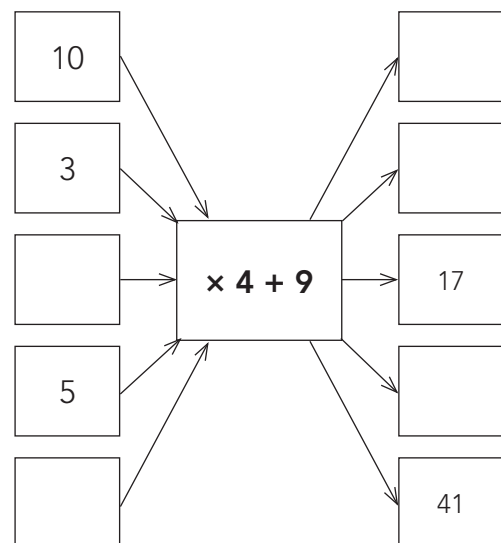
**Umsebenzi Wophuculo 2.31**

Fakela amanani ashinyiweyo.

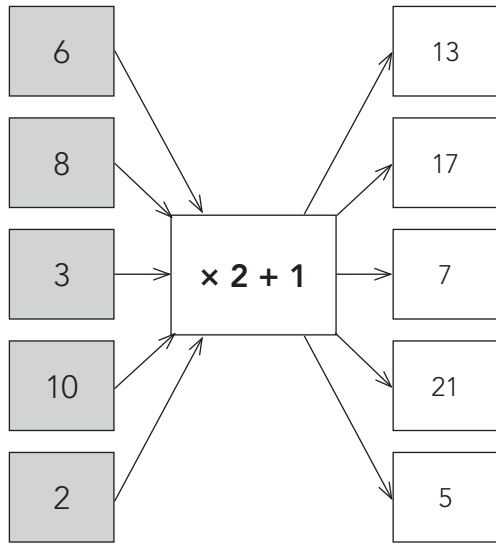


**Umsebenzi Wophuculo 2.32**

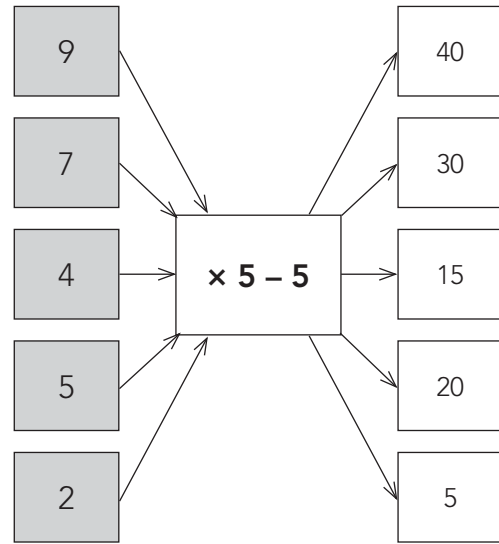
Fakela amanani ashinyiweyo.



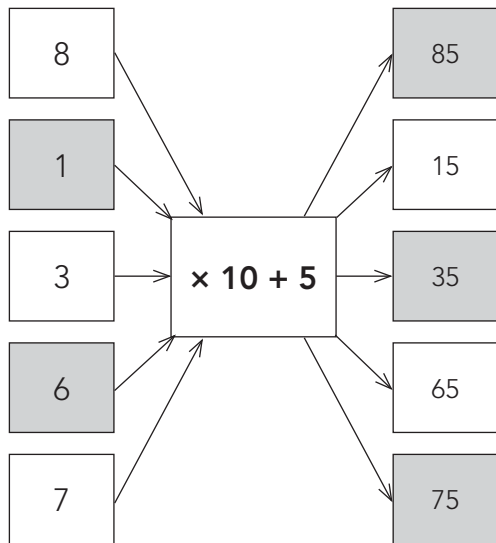
Umsebenzi Wophuculo 2.29: limpendulo



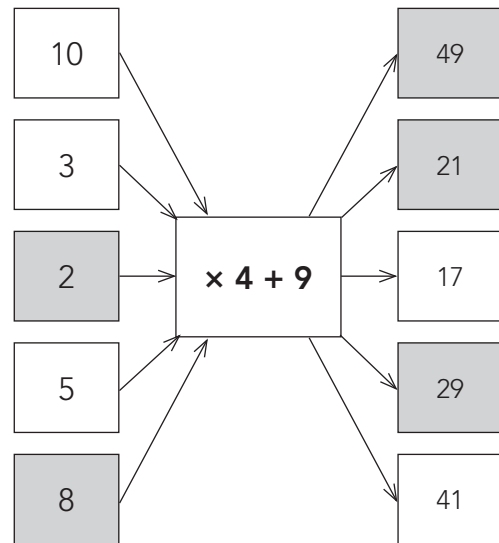
Umsebenzi Wophuculo 2.30: limpendulo



Umsebenzi Wophuculo 2.31: limpendulo

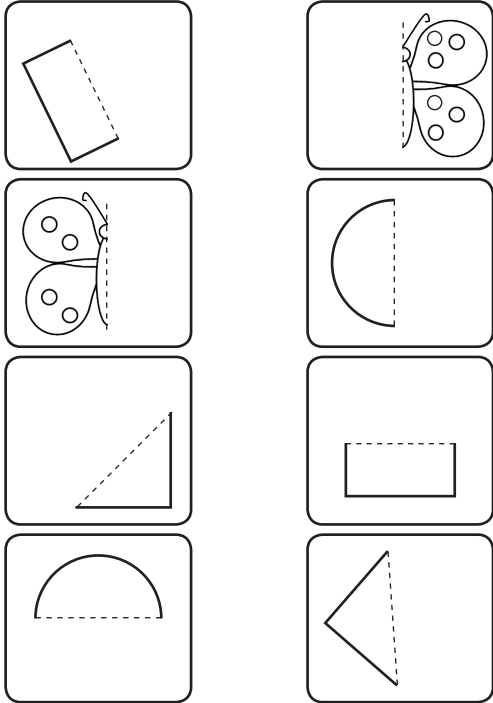


Umsebenzi Wophuculo 2.32: limpendulo



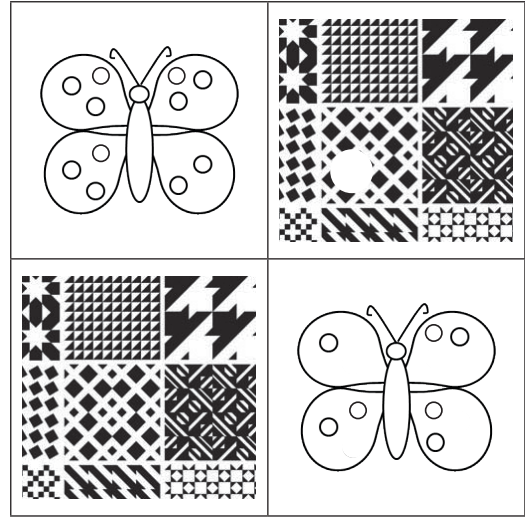
**Umsebenzi Wophuculo 2.33**

Khangela elinye icala elifana nelingasekhohlo.



**Umsebenzi Wophuculo 2.34**

Ngowuphi umfanekiso onomgca obonisa ulingano macala.



**Umsebenzi Wophuculo 2.35**

Khangela ufumane indlela ngokubala ngama-50.

qala	50	100	150	157
510	150	200	250	170
185	359	350	300	210
405	219	400	252	5
305	354	450	500	isiphelo

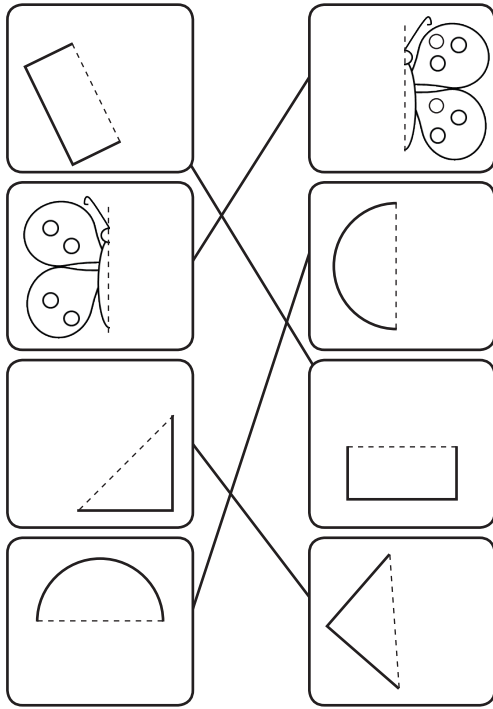
**Umsebenzi Wophuculo 2.36**

Khangela ufumane indlela ngokubala ngama-100.

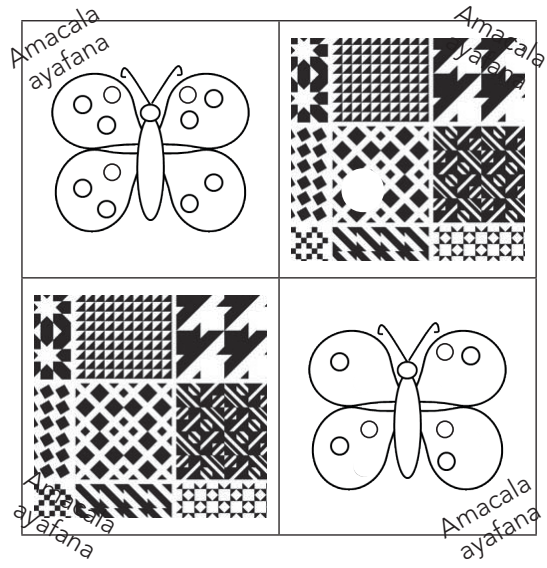
50	120	60	20	qala
70	600	500	90	100
30	700	400	300	200
40	800	140	10	110
50	900	150	80	40
isiphelo	1000	130	170	160



Umsebenzi Wophuculo 2.33: limpendulo



Umsebenzi Wophuculo 2.34: limpendulo



Umsebenzi Wophuculo 2.35: limpendulo

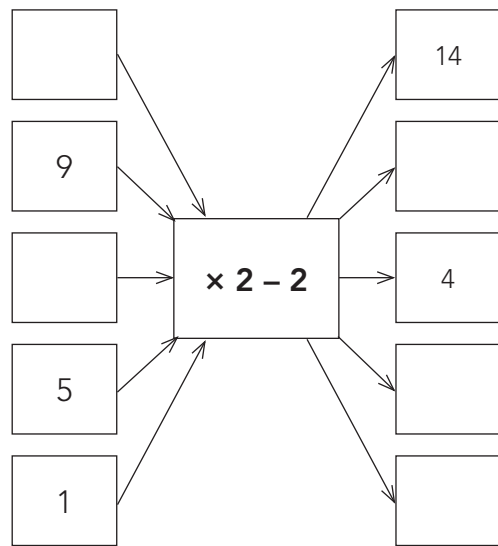
qala	50	100	150	157
510	150	200	250	170
185	359	350	300	210
405	219	400	252	5
305	354	450	500	isiphelo

Umsebenzi Wophuculo 2.36: limpendulo

50	120	60	20	qala
70	600	500	90	100
30	700	400	300	200
40	800	140	10	110
50	900	150	80	40
isiphelo	1000	130	170	160

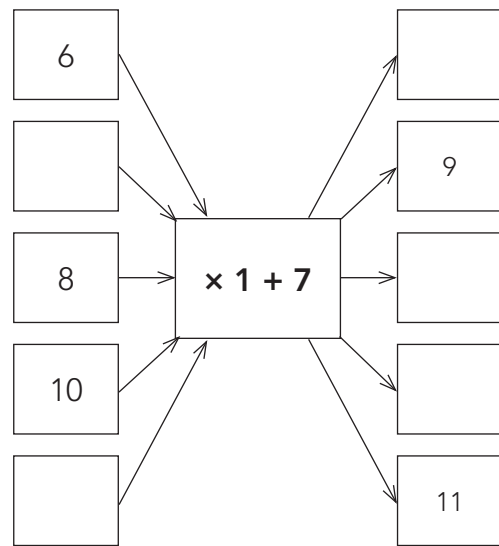
**Umsebenzi Wophuculo 2.37**

Fakela amanani ashinyiweyo.



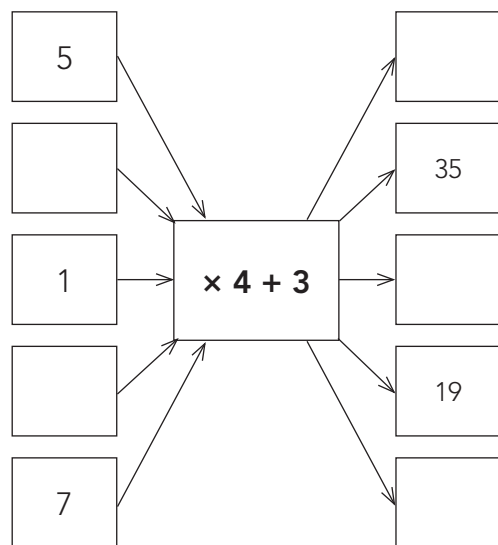
**Umsebenzi Wophuculo 2.38**

Fakela amanani ashinyiweyo.



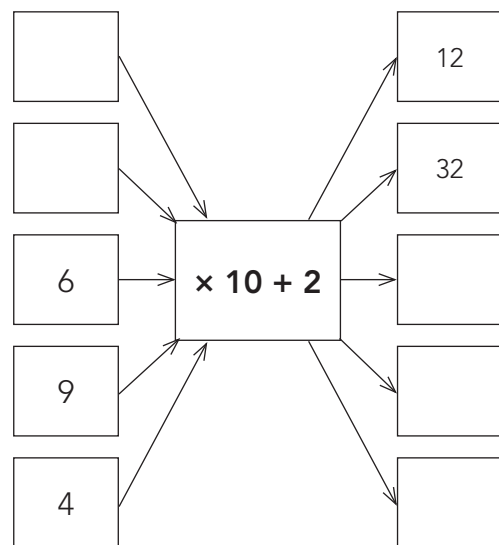
**Umsebenzi Wophuculo 2.39**

Fakela amanani ashinyiweyo.

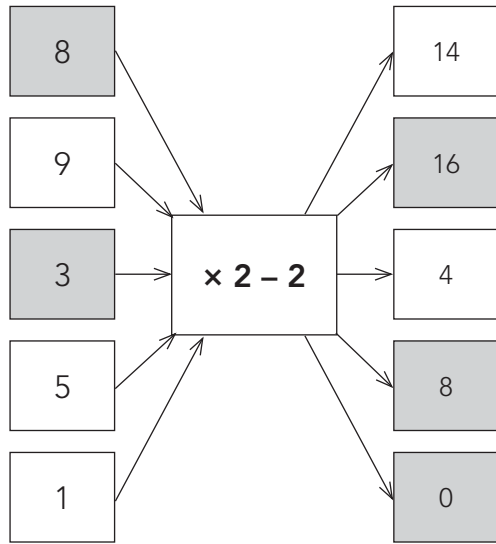


**Umsebenzi Wophuculo 2.40**

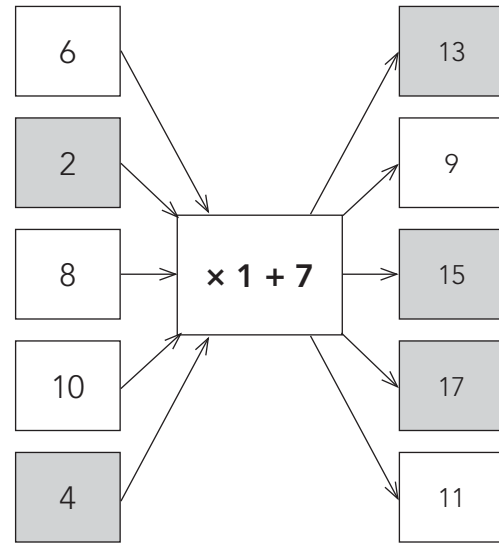
Fakela amanani ashinyiweyo.



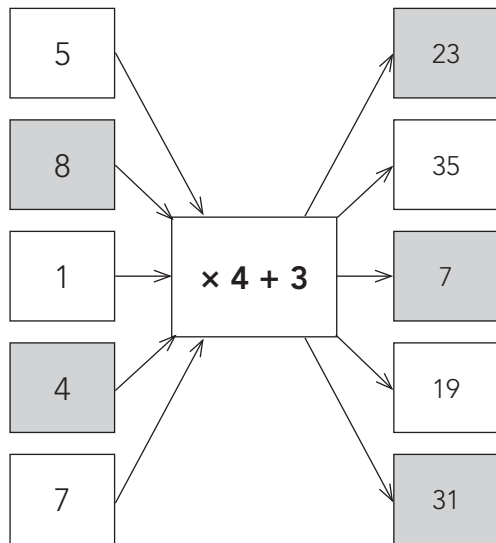
Umsebenzi Wophuculo 2.37: limpendulo



Umsebenzi Wophuculo 2.38: limpendulo



Umsebenzi Wophuculo 2.39: limpendulo



Umsebenzi Wophuculo 2.40: limpendulo

