

**GRADE 2**

**TERM 1 2019**

**MATHEMATICS  
ENGLISH / ISIXHOSA**

**RESOURCE PACK**

# PRINTABLE RESOURCES

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The following printable resources are included in this section:

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

## 1. Resource Sheets

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

1. Flard cards (several lessons)
2. 1–100 number board (several lessons)
3. Base ten blocks (several lessons)
4. Number lines (several lessons)
5. Money cut-outs (coins) (Lessons 32 and 33)
6. Money cut-outs (notes) (Lessons 32 and 33)
7. Analogue clock (Lesson 40)

### ***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. Oonotsheluzza (izifundo ezahlukeneyo)

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

2. Ibhodi yamanani (izifundo eziliqela)

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

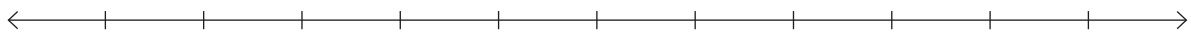
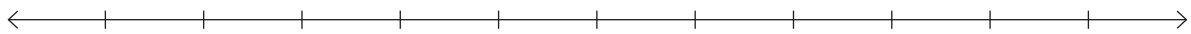
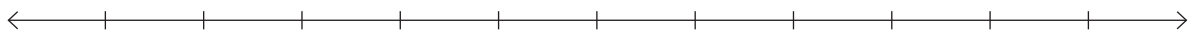
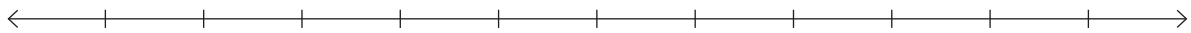
### 3. libhloko ezilishumi ezisisiseko (izifundo eziliqela)

Ukwenza ikiti yebhloko ezilishumi ezisisiseko udinga eli phepha ulibeke ngaphezu kwebhokisi wakugqiba usike iibhloko

- libhloko ezincinane zenzelwe ukumela iyunithsi/oononye
- libhloko ezinde zimele amashumi
- libhloko ezimbaca zimele amakhulu




#### 4. Imigca manani (izifundo eziliqela)



5. Imali eyingqekembe esikiweyo (isifundo 32 kunye 33)





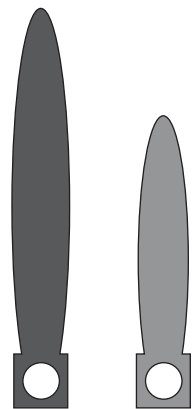
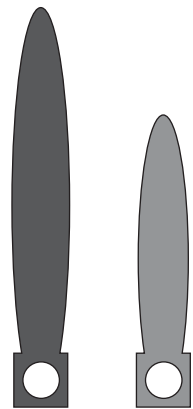
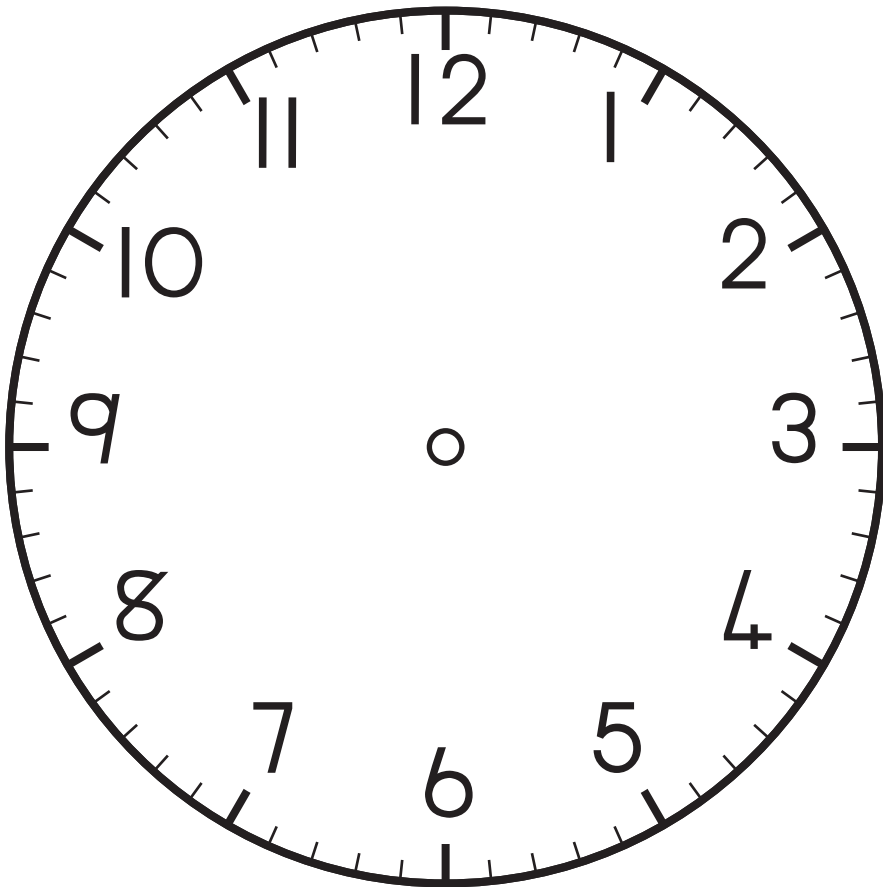
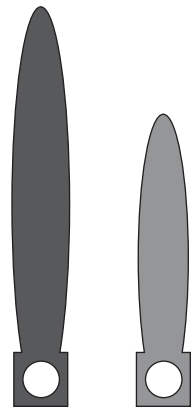
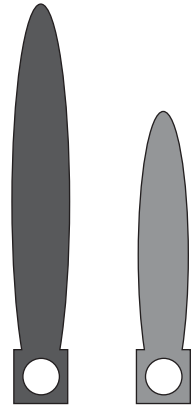
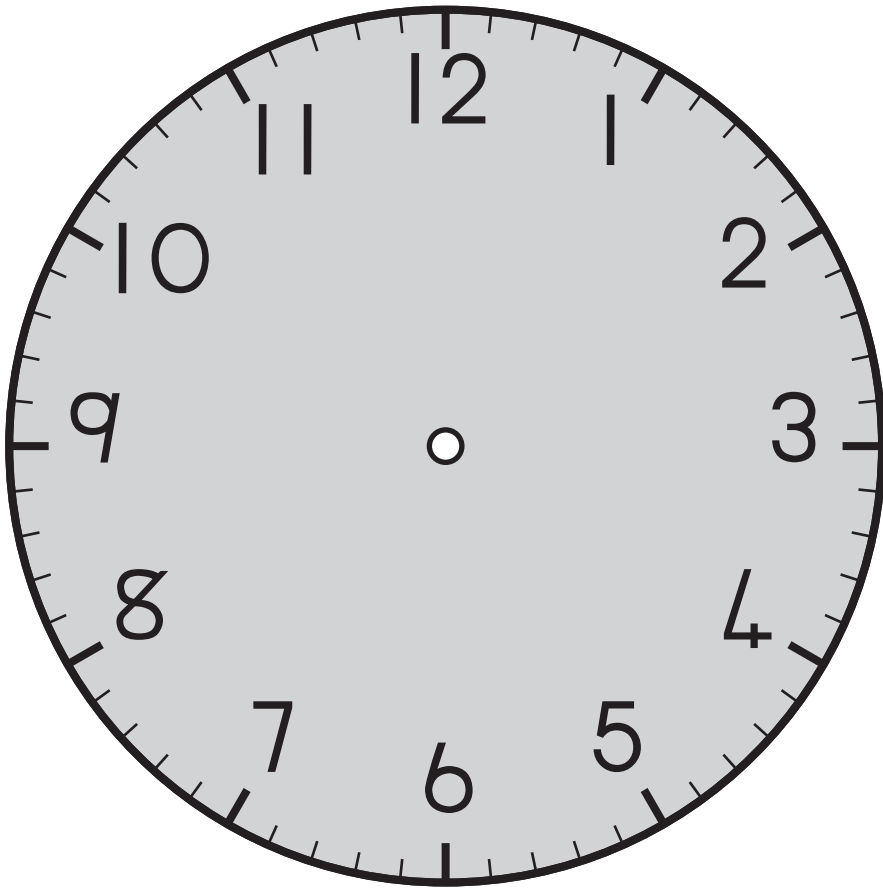
6. Imali engamaphepha (isifundo 32 kunye 33)



Imali engamaphepha (isifundo 33 kunye 34)



7. Iwotshi yamasiba (izifundo 40)





## 2. Mental Mathematics Challenge Cards: Bilingual Version

*Each term there will be a set of eight mental mathematics challenge cards. If you make them into cards and collect them over the course of this 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 0-10

**Ikhadi Lomcelimngeni Loku 1**

Ukudibanisa amanani ukusuka 0- 10

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

**Maths Challenge Card 2**

Addition number range 0-50

**Ikhadi Lomcelimngeni Lesi 2**

Ukudibanisa amanani ukusuka 0- 50

1.  $\square + 4 = 20$
2.  $\square + 10 = 20$
3.  $20 + \square = 30$
4.  $40 + \square = 50$
5.  $50 + \square = 50$
6.  $24 + \square = 30$
7.  $\square + 31 = 40$
8.  $\square + 18 = 40$
9.  $\square + 29 = 50$
10.  $15 + \square = 30$

**Maths Challenge Card 3**

Doubling

**Ikhadi Lomcelimngeni Lesi 3**

Lokuphindaphinda kabini

1.  $2 + 2 =$
2.  $4 + 4 =$
3.  $10 + 10 =$
4.  $6 + 6 =$
5.  $11 + 11 =$
6.  $5 + 5 =$
7.  $15 + 15 =$
8.  $14 + 14 =$
9.  $18 + 18 =$
10.  $19 + 19 =$

**Maths Challenge Card 4**

Subtraction

**Ikhadi Lomcelimngeni Lesi 4**

Thabatha

1.  $3 - 1 =$
2.  $6 - 4 =$
3.  $10 - 5 =$
4.  $8 - 7 =$
5.  $13 - 2 =$
6.  $15 - 5 =$
7.  $16 - 3 =$
8.  $19 - 9 =$
9.  $18 - 5 =$
10.  $20 - 17 =$

### Maths Challenge Card 1: Answers

Addition number range 0-10

#### Ikhadi Lomcelimngeni Loku 1: Iimpendulo

Ukudibanisa amanani ukusuka 0- 10

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

### Maths Challenge Card 2: Answers

Addition number range 0-50

#### Ikhadi Lomcelimngeni Lesi 2: Iimpendulo

Ukudibanisa amanani ukusuka 0- 50

1. 16
2. 10
3. 10
4. 10
5. 0
6. 6
7. 9
8. 22
9. 21
10. 15

### Maths Challenge Card 3: Answers

Doubling

#### Ikhadi Lomcelimngeni Lesi 3: Iimpendulo

Lokuphindaphinda kabini

1. 4
2. 8
3. 20
4. 12
5. 22
6. 10
7. 30
8. 28
9. 36
10. 38

### Maths Challenge Card 4: Answers

Subtraction

#### Ikhadi Lomcelimngeni Lesi 4: Iimpendulo

Thabatha

1. 2
2. 2
3. 5
4. 1
5. 11
6. 10
7. 13
8. 10
9. 13
10. 3

### Maths Challenge Card 5

1 more than or 1 less than

#### Ikhadi Lomcelimngeni Lesi 5

Okungaphezulu ngo 1 kuno or  
okungaphantsi ka 1 kuno

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

### Maths Challenge Card 6

Add and subtract number range 0-20

#### Ikhadi Lomcelimngeni Lesi 6

Dibanisa kwaye uthabathe amanani ukusuka  
0-20

1.  $15 + \square = 20$
2.  $8 + \square = 20$
3.  $7 + \square = 20$
4.  $16 + \square = 20$
5.  $14 + \square = 20$
6.  $20 - \square = 13$
7.  $20 - \square = 12$
8.  $20 - \square = 10$
9.  $20 - \square = 1$
10.  $20 - \square = 17$

### Maths Challenge Card 7

Add

#### Ikhadi Lomcelimngeni Lesi 7

Dibanisa

1.  $10 + 10 =$
2.  $10 + 1 =$
3.  $10 + 9 =$
4.  $20 + 10 =$
5.  $20 + 1 =$
6.  $20 + 0 =$
7.  $20 + 10 =$
8.  $20 + 9 =$
9.  $20 + 11 =$
10.  $10 + 10 - 10 =$

### Maths Challenge Card 8

Counting in 2s, 5s and 10s

#### Ikhadi Lomcelimngeni Lesi 8

Ukubala ngoono 2, 5 kunye nama 10

1. 0, 2, 4, \_\_, \_\_, \_\_
2. \_\_, \_\_, \_\_, 12, 14, 16
3. 10, 20, 30, \_\_, \_\_, \_\_
4. \_\_, \_\_, \_\_, 40, 50, 60
5. 5, 10, 15, \_\_, \_\_, \_\_.
6. \_\_, \_\_, \_\_, 20, 15, 10
7. 30, \_\_, \_\_, \_\_, 70
8. 50, \_\_, \_\_, \_\_, 10
9. 22, 24, 26, \_\_, \_\_, \_\_
10. \_\_, \_\_, \_\_, 35, 30, 25



### Maths Challenge Card 5: Answers

1 more than or 1 less than

#### Ikhadi Lomcelimngeni Lesi 5: limpendulo

Okungaphezulu ngo 1 kuno or  
okungaphantsi ka 1 kuno

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

### Maths Challenge Card 6: Answers

Add and subtract number range 0-20

#### Ikhadi Lomcelimngeni Lesi 6: limpendulo

Dibanisa kwaye uthabathe amanani ukusuka  
0-20

1. 5
2. 12
3. 13
4. 4
5. 6
6. 7
7. 8
8. 10
9. 19
10. 3

### Maths Challenge Card 7: Answers

Add

#### Ikhadi Lomcelimngeni Lesi 7: limpendulo

Dibanisa

1. 20
2. 11
3. 19
4. 30
5. 21
6. 20
7. 30
8. 29
9. 31
10. 10

### Maths Challenge Card 8: Answers

Counting in 2s, 5s and 10s

#### Ikhadi Lomcelimngeni Lesi 8: limpendulo

Ukubala ngoono 2, 5 kunye nama 10

1. 6, 8, 10
2. 6, 8, 10
3. 40, 50, 60
4. 10, 20, 30
5. 20, 25, 30
6. 35, 30, 25
7. 40, 50, 60
8. 40, 30, 20
9. 28, 30, 32
10. 50, 45, 40



### 3. Enrichment Activity Cards: English version

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

#### ***Use of the enrichment activity cards***

Optional as required.

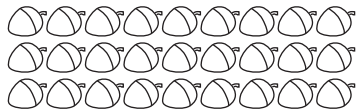
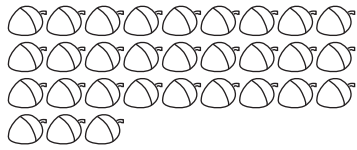
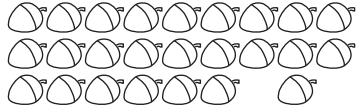
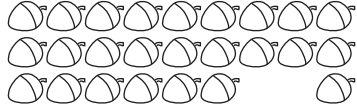
These cards include activities that you can use for enrichment opportunities for learners who have completed the lesson activities ahead of the rest of the class. Learners should work on these cards independently or with their peers who have also completed the classwork. You may need to explain some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

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

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

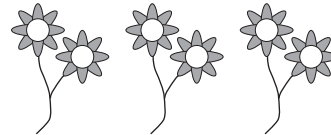
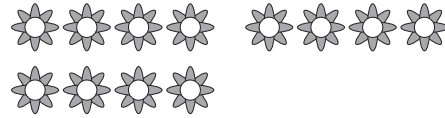
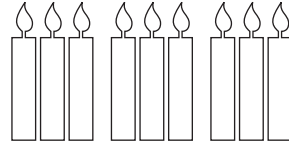
### Enrichment Activity 1.1

Help the squirrel to collect 20 nuts from each group. Circle the nuts.



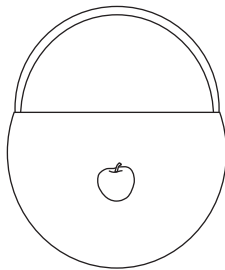
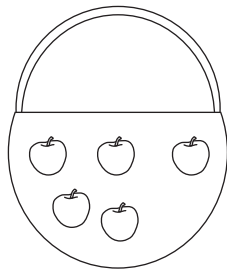
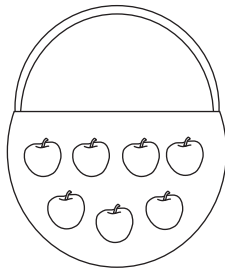
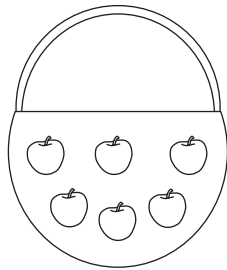
### Enrichment Activity 1.2

How many twos are there in each line?



### Enrichment Activity 1.3

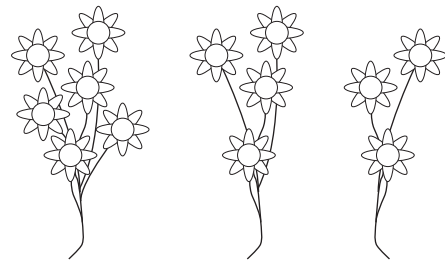
There should be 10 apples in each basket.  
Draw the missing ones, and colour all of them.



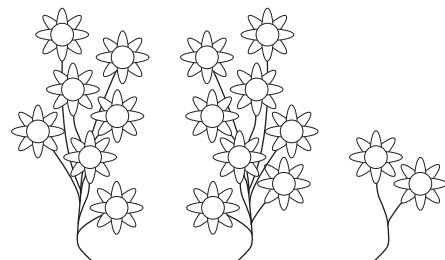
### Enrichment Activity 1.4

Colour the flowers.

Colour the plant with 6 flowers yellow.

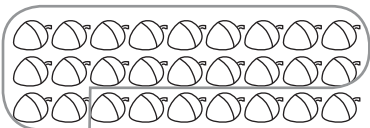
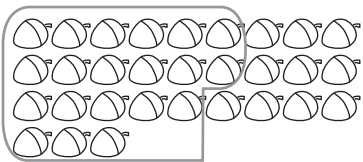
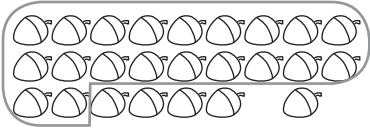
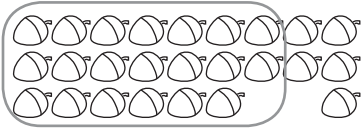


Colour the plant with 7 flowers red.



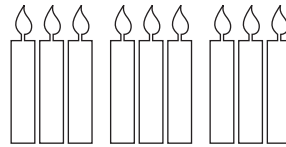
**Enrichment Activity 1.1: Answers**

Help the squirrel to collect 20 nuts from each group. Circle the nuts.

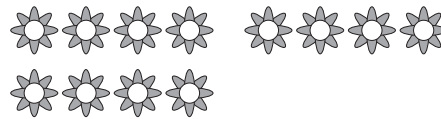


**Enrichment Activity 1.2: Answers**

How many twos are there in each line?



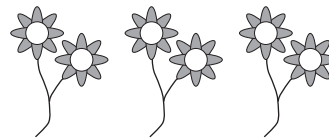
3



6



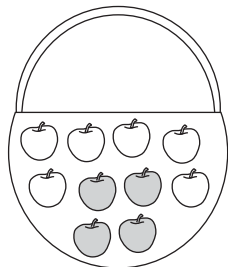
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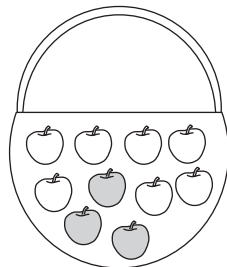
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**Enrichment Activity 1.3: Answers**

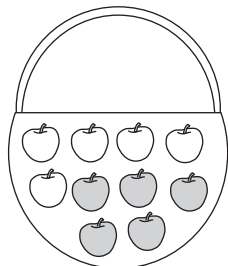
There should be 10 apples in each basket.  
Draw the missing ones, and colour all of them.



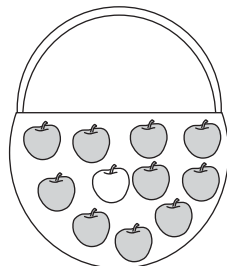
4 more apples



3 more apples



5 more apples

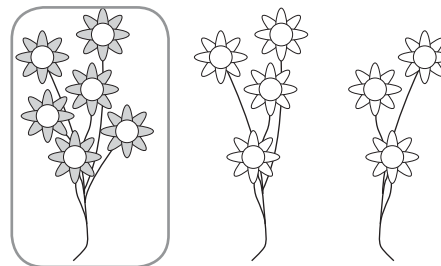


9 more apples

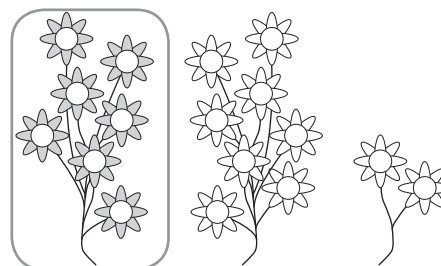
**Enrichment Activity 1.4: Answers**

Colour the flowers.

Colour the plant with 6 flowers yellow.

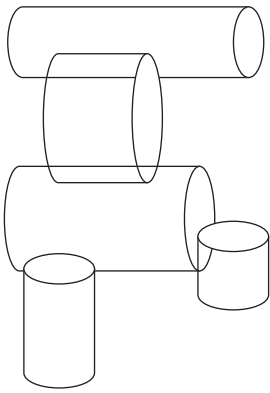
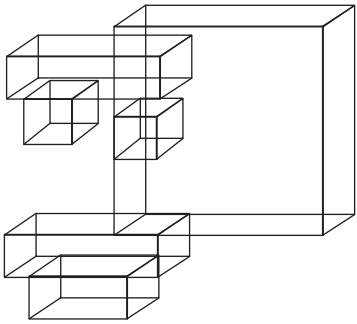


Colour the plant with 7 flowers red.



**Enrichment Activity 1.5**

How many boxes and cylinders can you see?



**Enrichment Activity 1.6**

Circle the number in each row that does not fit.

51 52 45 53 54

66 77 68 69 70 71

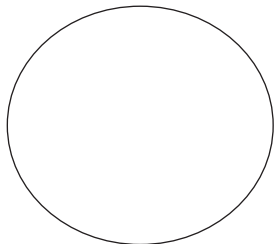
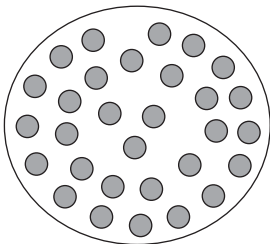
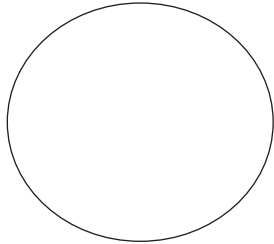
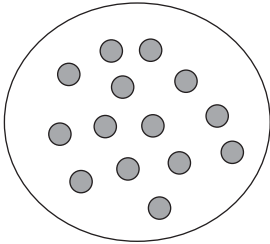
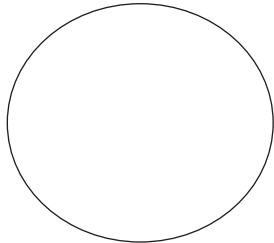
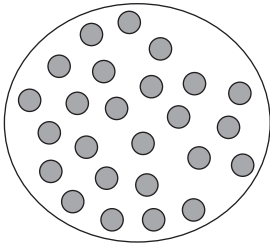
98 89 90 91 92 93

26 25 24 32 23

3 6 9 10 12 15

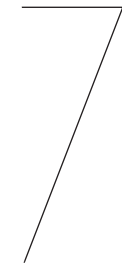
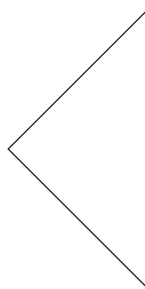
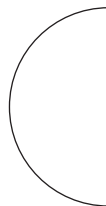
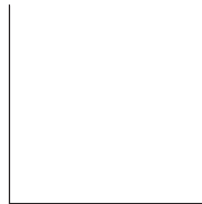
**Enrichment Activity 7**

Draw a group with one less.



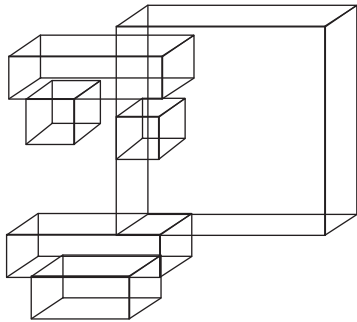
**Enrichment Activity 8**

Complete the shapes.

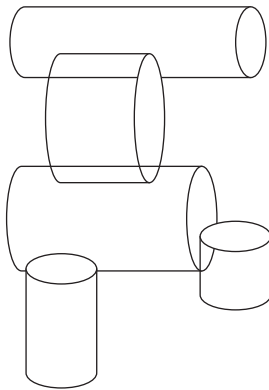


### Enrichment Activity 1.5: Answers

How many boxes and cylinders can you see?



6



5

### Enrichment Activity 1.6: Answers

Circle the number in each row that does not fit.

51 52 (45) 53 54

66 (77) 68 69 70 71

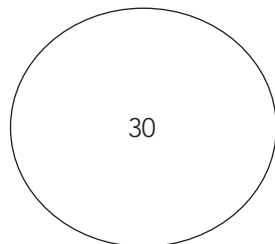
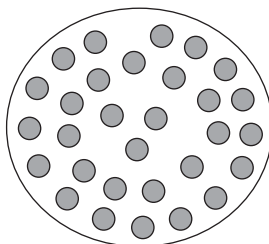
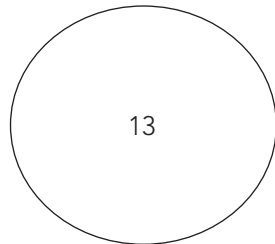
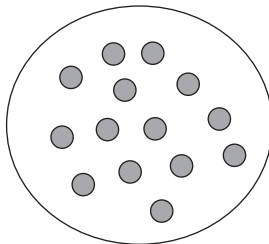
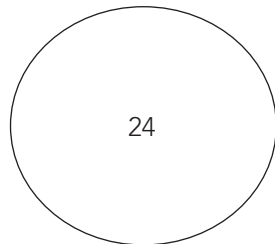
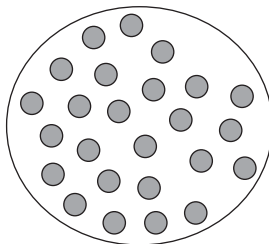
(98) 89 90 91 92 93

26 25 24 (32) 23

3 6 9 (10) 12 15

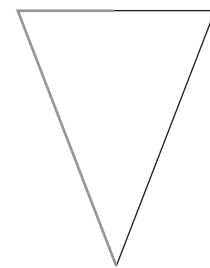
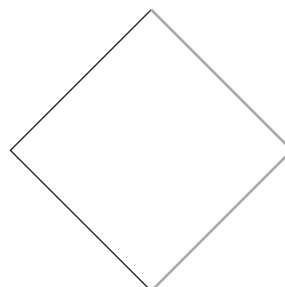
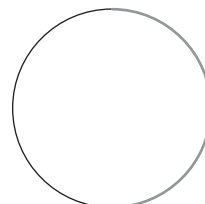
### Enrichment Activity 1.7: Answers

Draw a group with one less.



### Enrichment Activity 1.8: Answers

Complete the shapes.



**Enrichment Activity 1.9**

Complete the following.

Double 4 plus 3 is \_\_\_\_\_

Double 6 plus 2 is \_\_\_\_\_

Double 5 plus 5 is \_\_\_\_\_

Double 7 plus 3 is \_\_\_\_\_

Double 9 plus 1 is \_\_\_\_\_

**Enrichment Activity 1.10**

Colour two numbers in each row that add up to 15:

7	5	10	3	9	1	2	0	4	7
---	---	----	---	---	---	---	---	---	---

6	2	1	9	0	5	5	7	4	8
---	---	---	---	---	---	---	---	---	---

6	5	2	3	9	1	9	0	4	8
---	---	---	---	---	---	---	---	---	---

1	5	9	3	9	11	2	0	4	8
---	---	---	---	---	----	---	---	---	---

**Enrichment Activity 1.11**

Continue the pattern.

3	5	7				
---	---	---	--	--	--	--

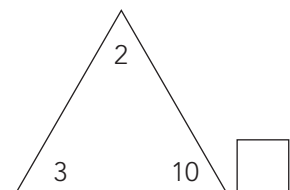
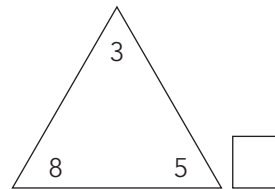
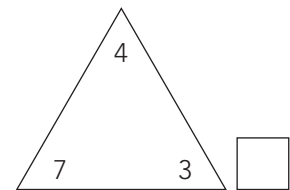
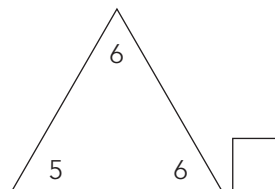
9	12	15				
---	----	----	--	--	--	--

1	5	9				
---	---	---	--	--	--	--

5	10	15				
---	----	----	--	--	--	--

**Enrichment Activity 1.12**

What is the value of each triangle? Write the answer in the square.





**Enrichment Activity 1.9: Answers**

Complete the following.

Double 4 plus 3 is 11

Double 6 plus 2 is 14

Double 5 plus 5 is 15

Double 7 plus 3 is 17

Double 9 plus 1 is 18

**Enrichment Activity 1.10: Answers**

Colour two numbers in each row that add up to 15:

7	5	10	3	9	1	2	0	4	7
---	---	----	---	---	---	---	---	---	---

6	2	1	9	0	5	5	7	4	8
---	---	---	---	---	---	---	---	---	---

6	5	2	3	9	1	9	0	4	8
---	---	---	---	---	---	---	---	---	---

1	5	9	3	9	11	2	0	4	8
---	---	---	---	---	----	---	---	---	---

**Enrichment Activity 1.11: Answers**

Continue the pattern.

3	5	7	9	11	13	15	17
---	---	---	---	----	----	----	----

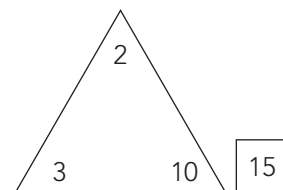
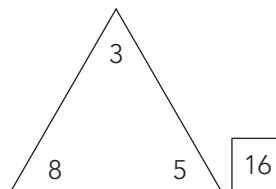
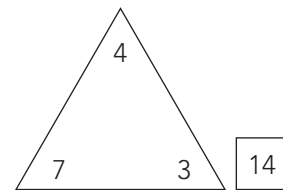
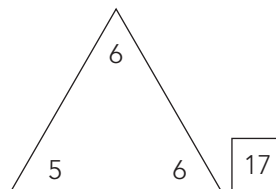
9	12	15	18	21	24	27	30
---	----	----	----	----	----	----	----

1	5	9	13	17	21	25	29
---	---	---	----	----	----	----	----

5	10	15	20	25	30	35	40
---	----	----	----	----	----	----	----

**Enrichment Activity 1.12: Answers**

What is the value of each triangle? Write the answer in the square.



**Enrichment Activity 1.13**

Colour all the blocks that have an answer of ten.

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

**Enrichment Activity 1.14**

Complete the Sudoku.

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

**Enrichment Activity 1.15**

Can you find the number names?  
Colour them in using different colours.

o	n	e	t	o	w	s
f	e	f	i	v	e	e
o	e	t	t	w	o	v
u	i	h	s	s	i	e
r	g	r	s	i	x	n
w	h	e	x	t	e	n
z	t	e	n	i	n	e

**Enrichment Activity 1.16**

Who has the most money?

- Tom has two 20c coins.
- Pam has three 10c coins.
- Naledi has two 10c coins and three 5c coins.

\_\_\_\_\_ has the most money.

**Enrichment Activity 1.13: Answers**

Colour all the blocks that have all answer of ten.

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

**Enrichment Activity 1.14: Answers**

Complete the Sudoku.

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

**Enrichment Activity 1.15: Answers**

Can you find the number names?  
Colour them in using different colours.

o	n	e	t	o	w	s
f	e	f	i	v	e	e
o	e	t	t	w	o	v
u	i	h	s	s	i	e
r	g	r	s	i	x	n
w	h	e	x	t	e	n
z	t	e	n	i	n	e

**Enrichment Activity 1.16: Answers**

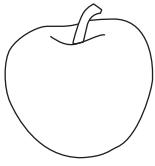
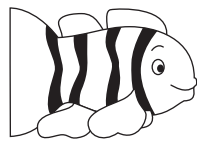

Who has the most money?

- Tom has two 20c coins.
- Pam has three 10c coins.
- Naledi has two 10c coins and three 5c coins.

Tom has the most money.

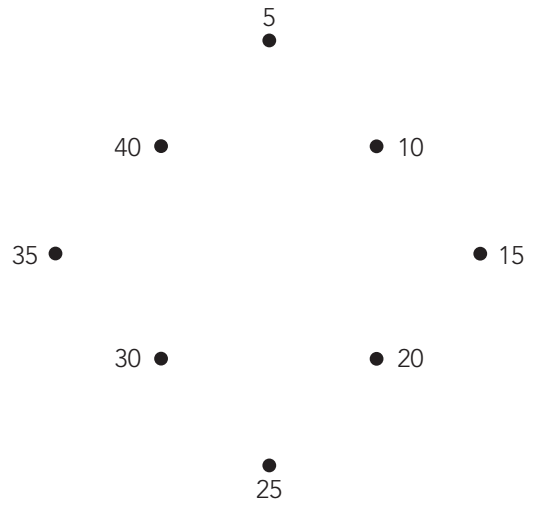
**Enrichment Activity 1.17**

Colour the coins or notes that you need to buy each item.

 5c	2c	2c
	1c	10c
	1c	10c
 R15	R20	R10
	R1	R10
	R2	R5
 R18	R20	R5
	R10	R2
	R2	R1

**Enrichment Activity 1.18**

What shape will you form if you join the dots?



A \_\_\_\_\_

**Enrichment Activity 1.19**

Complete the following.

Six plus nine equals \_\_\_\_\_

Four plus eight equals \_\_\_\_\_

Ten plus seven equals \_\_\_\_\_

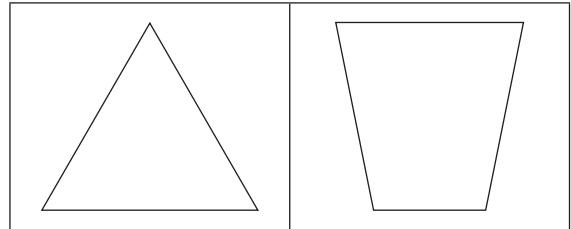
Five plus five plus five equals \_\_\_\_\_

Two plus five plus seven equals \_\_\_\_\_

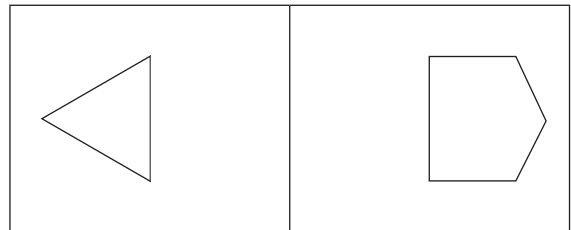
Three plus four plus five equals \_\_\_\_\_

**Enrichment Activity 1.20**

Colour half.

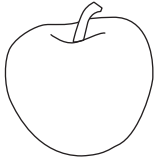




Draw the other half



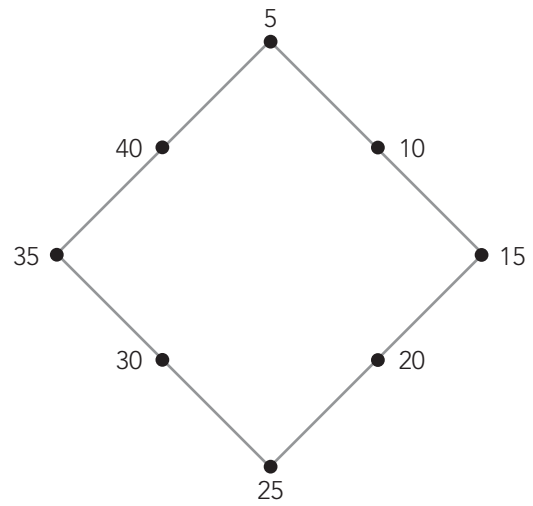
**Enrichment Activity 1.17: Answers**

Colour the coins or notes that you need to buy each item.

 <p>5c</p>	2c	2c
	1c	10c
	1c	10c
 <p>R15</p>	R20	R10
	R1	R10
	R2	R5
 <p>R18</p>	R20	R5
	R10	R2
	R2	R1

**Enrichment Activity 1.18: Answers**

What shape will you form if you join the dots?



A diamond.

**Enrichment Activity 1.19: Answers**

Complete the following.

Six plus nine equals 15

Four plus eight equals 12

Ten plus seven equals 17

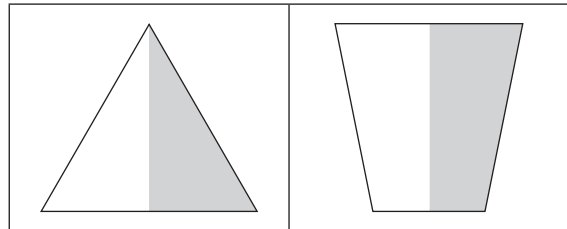
Five plus five plus five equals 15

Two plus five plus seven equals 14

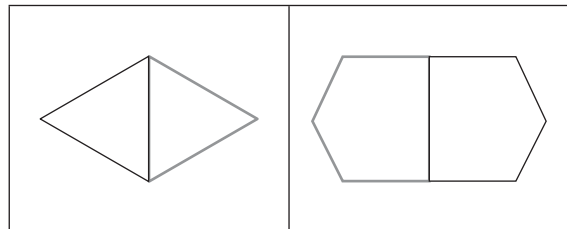
Three plus four plus five equals 12

**Enrichment Activity 1.20: Answers**

Colour half.



Draw the other half



### Enrichment Activity 1.21

Number 20

$$\underline{\quad} + 5 = 20$$

$$\underline{\quad} + 7 = 20$$

$$\underline{\quad} + 9 = 20$$

$$\underline{\quad} + 1 = 20$$

$$\underline{\quad} + 4 = 20$$

$$\underline{\quad} + 8 = 20$$

$$\underline{\quad} + 10 = 20$$

### Enrichment Activity 1.22

Complete the following:

1 more than 18 is \_\_\_\_\_

2 less than 20 is \_\_\_\_\_

1 less than 19 is \_\_\_\_\_

1 more than 16 is \_\_\_\_\_

2 more than 17 is \_\_\_\_\_

3 more than 15 is \_\_\_\_\_

3 less than 18 is \_\_\_\_\_

3 less than 20 is \_\_\_\_\_

3 more than 13 is \_\_\_\_\_

### Enrichment Activity 1.23

Number 20

$$3 + \underline{\quad} = 20$$

$$6 + \underline{\quad} = 20$$

$$9 + \underline{\quad} = 20$$

$$10 + \underline{\quad} = 20$$

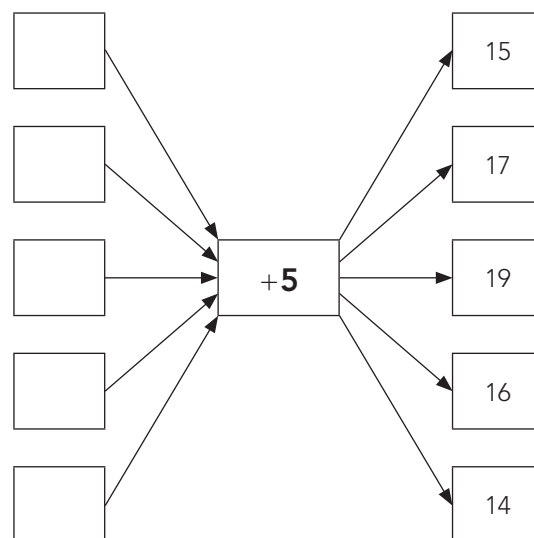
$$5 + \underline{\quad} = 20$$

$$4 + \underline{\quad} = 20$$

$$1 + \underline{\quad} = 20$$

### Enrichment Activity 1.24

Complete the following:



**Enrichment Activity 1.21: Answers**

Number 20

$$15 + 5 = 20$$

$$13 + 7 = 20$$

$$11 + 9 = 20$$

$$19 + 1 = 20$$

$$16 + 4 = 20$$

$$12 + 8 = 20$$

$$10 + 10 = 20$$

**Enrichment Activity 1.22: Answers**

Complete the following:

1 more than 18 is 19

2 less than 20 is 18

1 less than 19 is 18

1 more than 16 is 17

2 more than 17 is 19

3 more than 15 is 18

3 less than 18 is 15

3 less than 20 is 17

3 more than 13 is 16

**Enrichment Activity 1.23: Answers**

Number 20

$$3 + 17 = 20$$

$$6 + 14 = 20$$

$$9 + 11 = 20$$

$$10 + 10 = 20$$

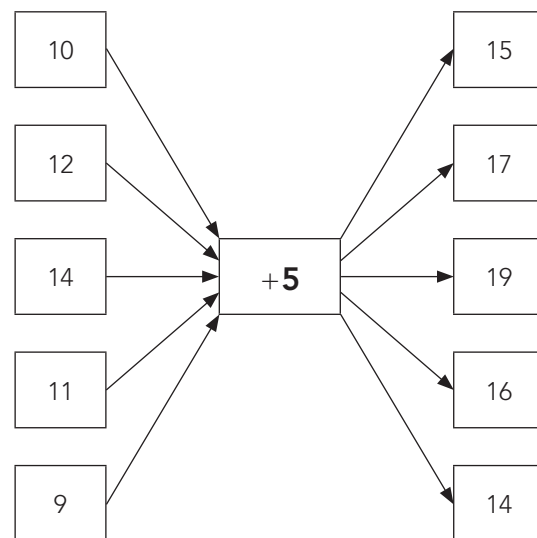
$$5 + 15 = 20$$

$$4 + 16 = 20$$

$$1 + 19 = 20$$

**Enrichment Activity 1.24: Answers**

Complete the following:



**Enrichment Activity 1.25**

Who am I?

I am the day before Monday.

\_\_\_\_\_

I am the day after Tuesday.

\_\_\_\_\_

I am the day between Friday and Sunday.

\_\_\_\_\_

**Enrichment Activity 1.26**

Who am I?

I am the month before May.

\_\_\_\_\_

I am the month after June.

\_\_\_\_\_

I am the month between November and January.

\_\_\_\_\_

**Enrichment Activity 1.27**

Number sentences

Use the numbers in the boxes to make the sums.

12
4      16

_____ + _____ = _____
-----------------------

8
17      9

_____ + _____ = _____
-----------------------

12      5
5      2

_____ + _____ + _____ = _____
-------------------------------

**Enrichment Activity 1.28**

Number sentences

Use the numbers in the boxes to make the sums.

18
9      9

_____ - _____ = _____
-----------------------

6
17      11

_____ - _____ = _____
-----------------------

20      5
8      7

_____ - _____ - _____ = _____
-------------------------------



**Enrichment Activity 1.25: Answers**

Who am I?

I am the day before Monday.

Sunday

I am the day after Tuesday.

Wednesday

I am the day between Friday and Sunday.

Saturday

**Enrichment Activity 1.26: Answers**

Who am I?

I am the month before May.

April

I am the month after June.

July

I am the month between November and January.

December

**Enrichment Activity 1.27: Answers**

Number sentences

Use the numbers in the boxes to make the sums.

12
4      16

$4 + 12 = 16$
$12 + 4 = 16$

8
17      9

$8 + 9 = 17$
$9 + 8 = 16$

12	5
5	2

$5 + 2 + 5 = 12$
$5 + 5 + 2 = 12$
$2 + 5 + 5 = 12$

**Enrichment Activity 1.28: Answers**

Number sentences

Use the numbers in the boxes to make the sums.

18
9      9

$18 - 9 = 9$
--------------

6
17      11

$17 - 11 = 6$
$17 - 6 = 11$

20	5
8	7

$20 - 7 - 8 = 5$
$20 - 8 - 7 = 5$
$20 - 8 - 5 = 7$

**Enrichment Activity 1.29**

How smart are you?

Write three numbers in the blocks that will add up to the numbers at the end.

			20
--	--	--	----

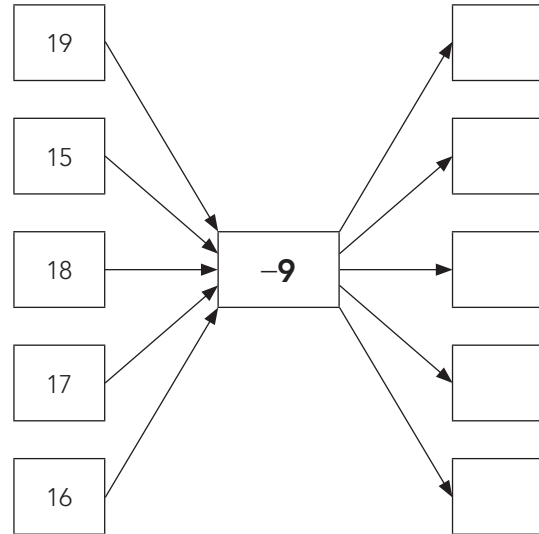
			24
--	--	--	----

			23
--	--	--	----

			25
--	--	--	----

**Enrichment Activity 1.30**

Complete the following:



**Enrichment Activity 1.31**

How many tens and ones?

	Tens	Ones	=
○○○○○○○○○○ ○			
○○○○○○○○○○ ○○○○○○			
○○○○○○○○○○ ○○○			
○○○○○○○○○○ ○○○○○○○○			
○○○○○○○○○○ ○○○○○○○○			

**Enrichment Activity 1.32**

Can you solve these problems?

- Mom baked 12 cupcakes.  
Tom ate some.  
Now there are only 6 left.  
How many did Tom eat?
- Thandi had 15 balloons.  
Some popped.  
Now she only has 5 left.  
How many popped?

**Enrichment Activity 1.29: Answers**

How smart are you?

Write three numbers in the blocks that will add up to the numbers at the end.

10	5	5	20
----	---	---	----

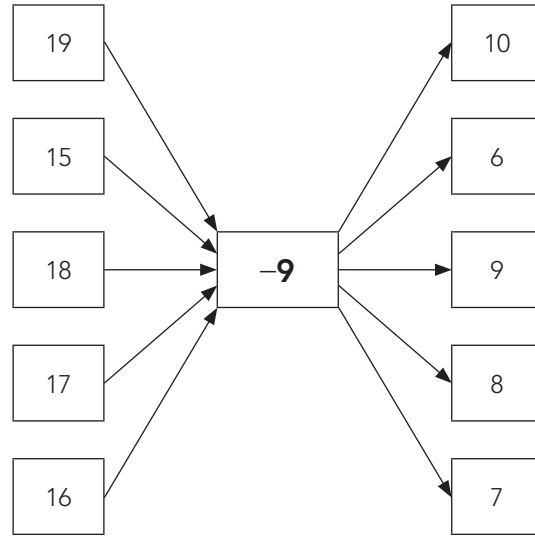
8	8	8	24
---	---	---	----

3	10	10	23
---	----	----	----

10	10	5	25
----	----	---	----

**Enrichment Activity 1.30: Answers**

Complete the following:



**Enrichment Activity 1.31: Answers**

How many tens and ones?

	Tens	Ones	=
○○○○○○○○○○○○ ○	1	1	11
○○○○○○○○○○○○ ○○○○○○	1	6	16
○○○○○○○○○○○○ ○○○	1	3	13
○○○○○○○○○○○○ ○○○○○○○○	1	8	18
○○○○○○○○○○○○ ○○○○○○○○	1	7	17

**Enrichment Activity 1.32: Answers**

Can you solve these problems?

- Mom baked 12 cupcakes.  
Tom ate some.  
Now there are only 6 left.  
How many did Tom eat?  
6 cupcakes
- Thandi had 15 balloons.  
Some popped.  
Now she only has 5 left.  
How many popped?  
10 popped



#### 4. 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.

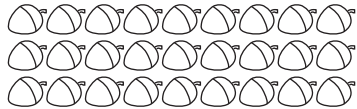
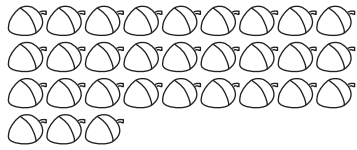
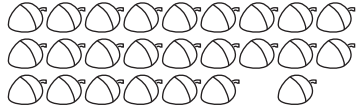
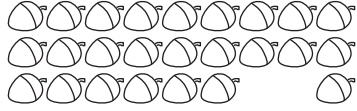
These cards include activities that you can use for enrichment opportunities for learners who have completed the lesson activities ahead of the rest of the class. Learners should work on these cards independently or with their peers who have also completed the classwork. You may need to explain some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

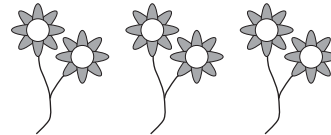
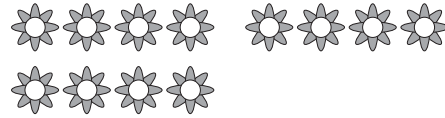
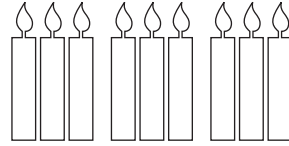
### Umsebenzi Wophuculo 1.1

Ncedisa isikwireli ukuqongulela amandongomane kwiqela ngalinye. Biyela amandongomane?



### Umsebenzi Wophuculo 1.2

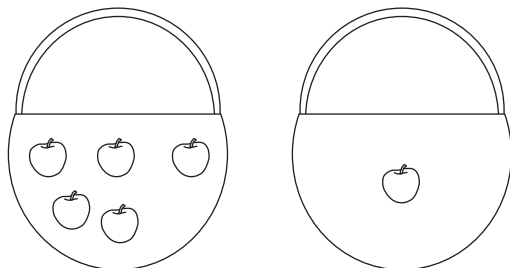
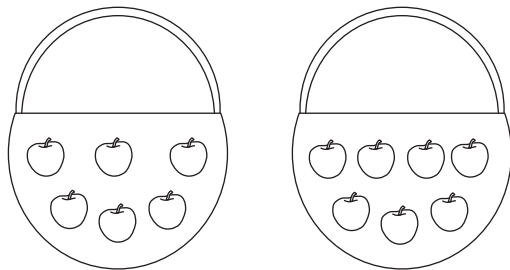
Bangaphi onoombini abakumgca ngamnye?



### Umsebenzi Wophuculo 1.3

Kufanelengu ukuba kubekho ii-apile ezili 10 kwibhaskithi nganye.

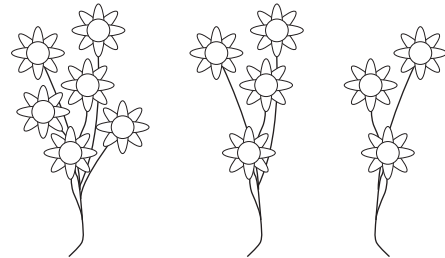
Zoba ezilahlekileyo, ufangule umbala kuwo zonngu.



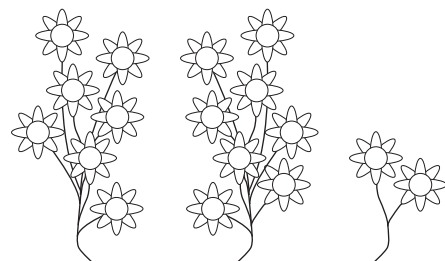
### Umsebenzi Wophuculo 1.4

Fakela umbala kwiintyantyambo.

Fakela umbala kwisityalo esineentyantyambo ezi 6 zibe mthubi.

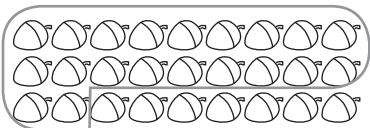
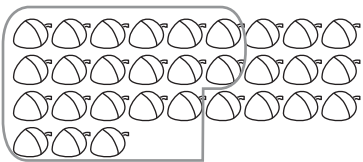
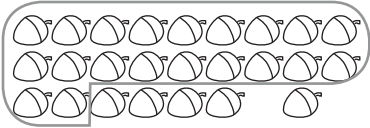
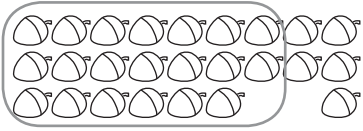


Fakela umbala kwisityalo esinentyantyambo ezisi 7 ngombala obomvu.



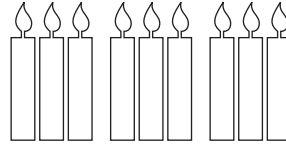
**Umsebenzi Wophuculo 1.1: Iimpindulo**

Ncedisa isikwireli ukuqongulela amandongomane kwiqela ngalinye. Biyela amandongomane?

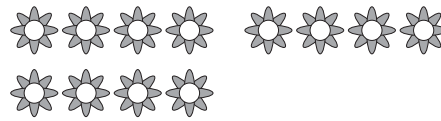


**Umsebenzi Wophuculo 1.2: Iimpindulo**

Bangaphi onoombini abakumgca ngamnye?



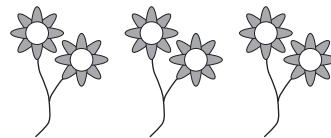
3



6



7

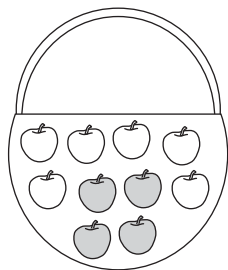


3

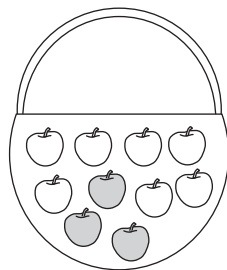
**Umsebenzi Wophuculo 1.3: Iimpindulo**

Kufanelengu ukuba kubekho ii-apile ezili 10 kwibhaskithi nganye.

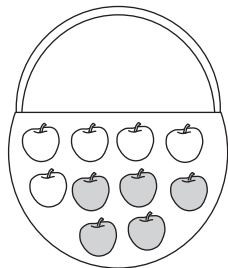
Zoba ezilahlekileyo, ufangule umbala kuwo zonngu.



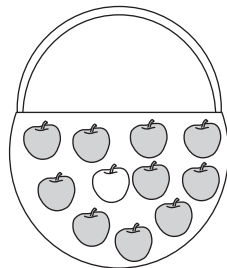
ii apile e 4 ngaphezulu



ii apile e 3 ngaphezulu



ii apile e 5 ngaphezulu

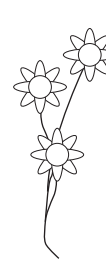
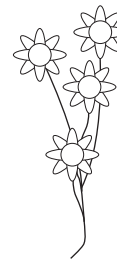
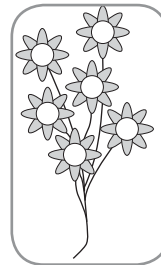


ii apile e 9 ngaphezulu

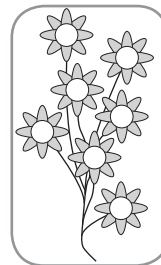
**Umsebenzi Wophuculo 1.4: Iimpindulo**

Fakela umbala kwiintyantyambo.

Fakela umbala kwisityalo esineentyantyambo ezi 6 zibe mthubi.

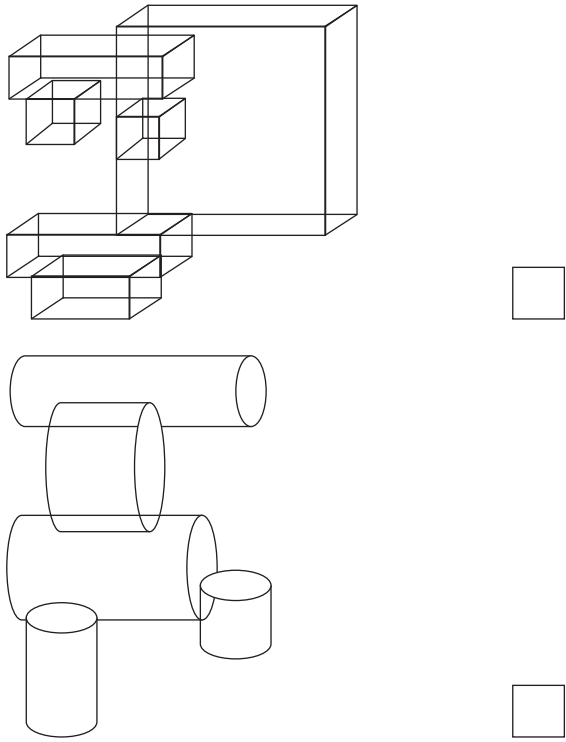


Fakela umbala kwisityalo esinentyantyambo ezisi 7 ngombala obomvu-.



**Umsebenzi Wophuculo 1.5**

Zingaphi iibhokisi kunye neesilinda ozibonayo?



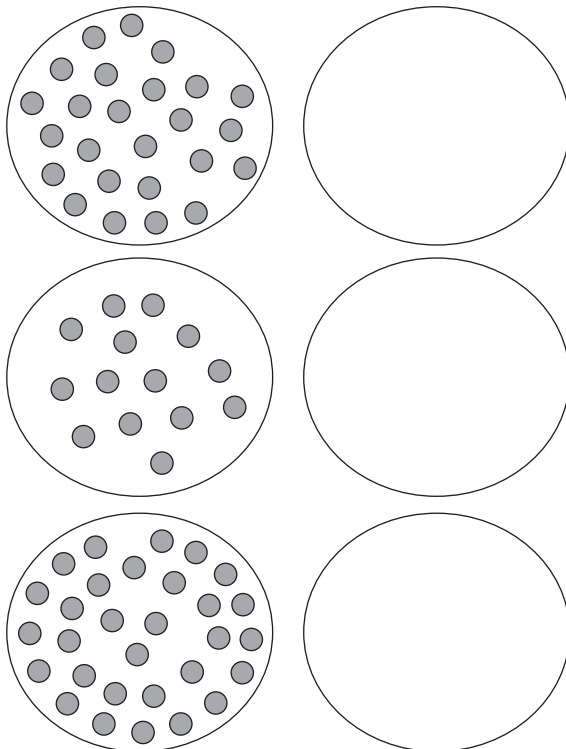
**Umsebenzi Wophuculo 1.6**

Biyela ngesangqa kumqolo ngamnye inani elingelolapho/elingafanelungu.

- |    |    |    |    |    |    |
|----|----|----|----|----|----|
| 51 | 52 | 45 | 53 | 54 |    |
| 66 | 77 | 68 | 69 | 70 | 71 |
| 98 | 89 | 90 | 91 | 92 | 93 |
| 26 | 25 | 24 | 32 | 23 |    |
| 3  | 6  | 9  | 10 | 12 | 15 |

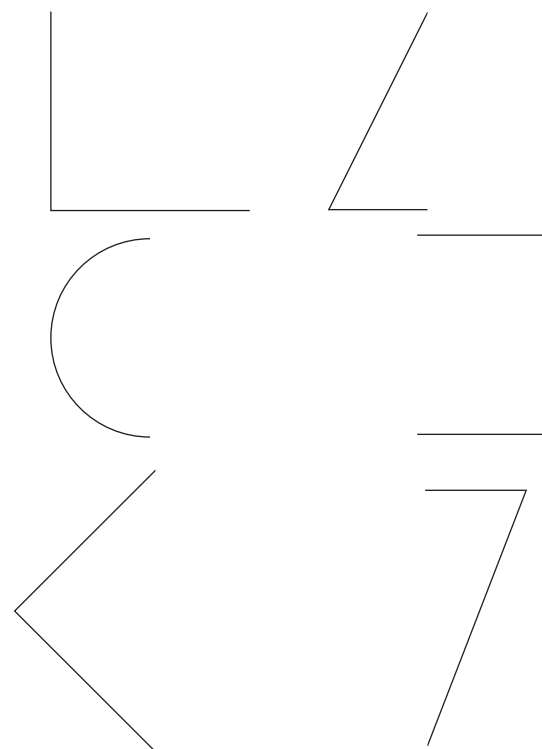
**Umsebenzi Wophuculo 1.7**

Zoba iqela elizakuba ngaphantsi ngo 1.



**Umsebenzi Wophuculo 1.8**

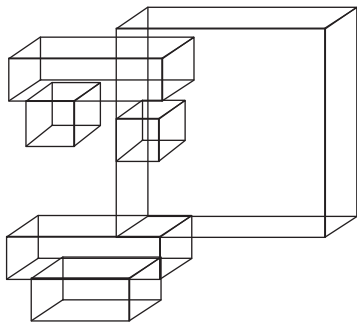
Gqibezela iimilo.



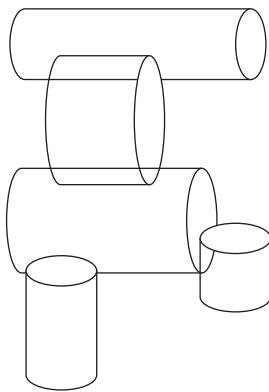


**Umsebenzi Wophuculo 1.5: Iimpendulo**

Zingaphi iibhokisi kunye neesilinda ozibonayo?



6



5

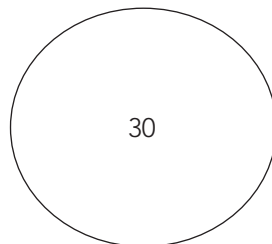
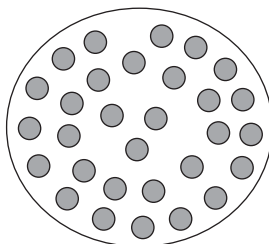
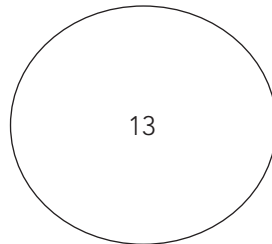
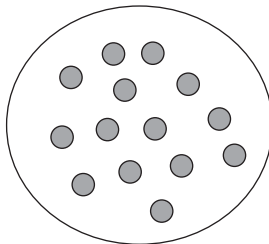
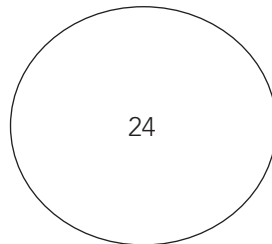
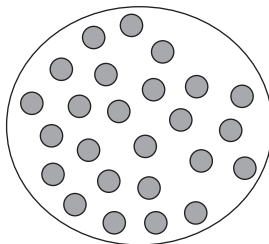
**Umsebenzi Wophuculo 1.6: Iimpendulo**

Biyela ngesangqa kumqolo ngamnye inani elingelolapho/elingafanelunganga.

- 51 52 (45) 53 54  
66 (77) 68 69 70 71  
(98) 89 90 91 92 93  
26 25 24 (32) 23  
3 6 9 (10) 12 15

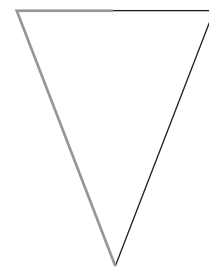
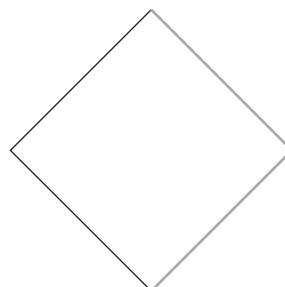
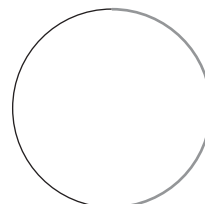
**Umsebenzi Wophuculo 1.7: Iimpendulo**

Zoba iqela elizakuba ngaphantsi ngo 1.



**Umsebenzi Wophuculo 1.8: Iimpendulo**

Gqibezela iimilo.



### Umsebenzi Wophuculo 1.9

Gqibezela okulandelayo:

Phinda kabini u 4 udibanise no 3 ngu \_\_\_\_

Phinda u 6 kabini udibanise no 2 \_\_\_\_

Phinda u 5 kabini udibanise no 5 ngu \_\_\_\_

Phinda u 7 kabini udibanise no 3 ngu \_\_\_\_

Phinda kabini u 9 udibanise no 1 ngu \_\_\_\_

### Umsebenzi Wophuculo 1.10

Fakela umbala kumanani amabini kumqolo ngamnye ethi xa idatyaniswa yenze i 15.

7	5	10	3	9	1	2	0	4	7
---	---	----	---	---	---	---	---	---	---

6	2	1	9	0	5	5	7	4	8
---	---	---	---	---	---	---	---	---	---

6	5	2	3	9	1	9	0	4	8
---	---	---	---	---	---	---	---	---	---

1	5	9	3	9	11	2	0	4	8
---	---	---	---	---	----	---	---	---	---

### Umsebenzi Wophuculo 1.11

Gqibezela ipateni.

3	5	7				
---	---	---	--	--	--	--

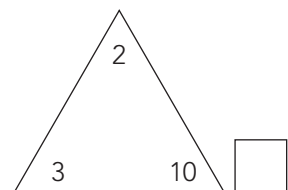
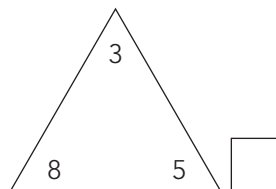
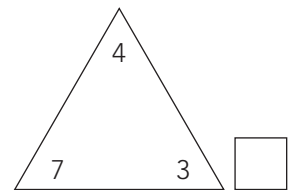
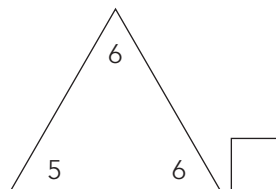
9	12	15				
---	----	----	--	--	--	--

1	5	9				
---	---	---	--	--	--	--

5	10	15				
---	----	----	--	--	--	--

### Umsebenzi Wophuculo 1.12

Liyintoni ixabiso lonxantathu ngamnye? Bhala impendulo kwisikwere.



**Umsebenzi Wophuculo 1.9: Iimpendulo**

Gqibezela okulandelayo:

Phinda kabini u 4 udibanise no 3 ngu 11

Phinda u 6 kabini udibanise no 2 14

Phinda u 5 kabini udibanise no 5 ngu 15

Phinda u 7 kabini udibanise no 3 ngu 17

Phinda kabini u 9 udibanise no 1 ngu 18

**Umsebenzi Wophuculo 1.10: Iimpendulo**

Fakela umbala kumanani amabini kumqolo ngamnye ethi xa idatyaniswa yenze i 15:

7	5	10	3	9	1	2	0	4	7
---	---	----	---	---	---	---	---	---	---

6	2	1	9	0	5	5	7	4	8
---	---	---	---	---	---	---	---	---	---

6	5	2	3	9	1	9	0	4	8
---	---	---	---	---	---	---	---	---	---

1	5	9	3	9	11	2	0	4	8
---	---	---	---	---	----	---	---	---	---

**Umsebenzi Wophuculo 1.11: Iimpendulo**

Gqibezela ipateni.

3	5	7	9	11	13	15	17
---	---	---	---	----	----	----	----

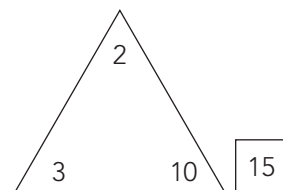
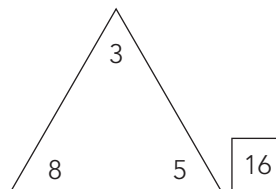
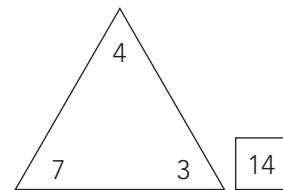
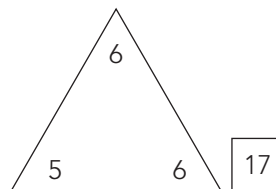
9	12	15	18	21	24	27	30
---	----	----	----	----	----	----	----

1	5	9	13	17	21	25	29
---	---	---	----	----	----	----	----

5	10	15	20	25	30	35	40
---	----	----	----	----	----	----	----

**Umsebenzi Wophuculo 1.12: Iimpendulo**

Liyintoni ixabiso lonxantathu ngamnye? Bhala impendulo kwisikwere.



**Umsebenzi Wophuculo 1.13**

Faka umbala kwiibhloko ezinempendulo ezenza ishumi.

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

**Umsebenzi Wophuculo 1.14**

Gqibezela iSudoku.

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

**Umsebenzi Wophuculo 1.15**

Fakela umbala kumagama mali?  
Fakela imibala eyahlukahlukaneyo.

o	n	e	t	o	w	s
f	e	f	i	v	e	e
o	e	t	t	w	o	v
u	i	h	s	s	i	e
r	g	r	s	i	x	n
w	h	e	x	t	e	n
z	t	e	n	i	n	e

**Umsebenzi Wophuculo 1.16**

Ngubani onemali eninzi?

- UTom uneengqekembe yesenti ezinga 20.
- UPam uneengqekembe zesenti ezili 10 ezintathu
- UNaledi uneengqekembe zesenti ezili 10 ezimbini kunye uneengqekembe ezintathu zesenti ezi 5.

\_\_\_\_\_ ngoyena onemali eninzi.

**Umsebenzi Wophuculo 1.13: Iimpendulo**

Faka umbala kwiibhloko ezinempendulo ezenza ishumi.

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

**Umsebenzi Wophuculo 1.14: Iimpendulo**

Gqibezela iSudoku.

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

**Umsebenzi Wophuculo 1.15: Iimpendulo**

Fakela umbala kumagama mali?

Fakela imibala eyahlukahlukaneyo.

o	n	e	t	o	w	s
f	e	f	i	v	e	e
o	e	t	t	w	o	v
u	i	h	s	s	i	e
r	g	r	s	i	x	n
w	h	e	x	t	e	n
z	t	e	n	i	n	e

**Umsebenzi Wophuculo 1.16: Iimpendulo**

Ngubani onemali eninzi?

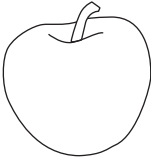


- UTom uneengqekembe zesenti ezinga 20.
- UPam uneengqekembe zesenti ezili 10 ezintathu
- UNaledi uneengqekembe zesenti ezili 10 ezimbini kunye uneengqekembe ezintathu zesenti ezi 5.

UTom ngoyena onemali eninzi.



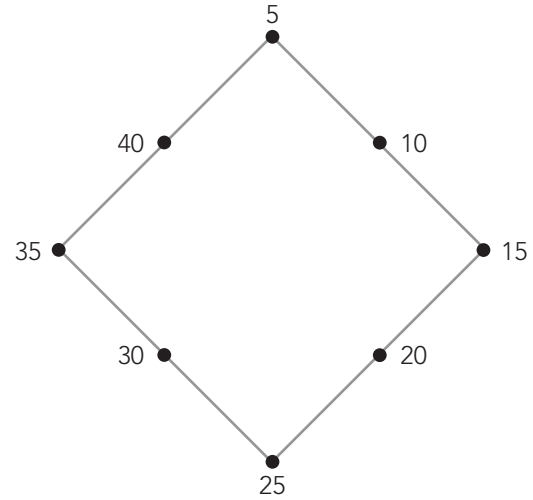
**Umsebenzi Wophuculo 1.17: Iimpendulo**

Faka umbala uneengqekembe okanye kwiphepha mali olifunayo ukuthenga into nganye.

 <p>5c</p>	2c	2c
	1c	10c
	1c	10c
 <p>R15</p>	R20	R10
	R1	R10
	R2	R5
 <p>R18</p>	R20	R5
	R10	R2
	R2	R1

**Umsebenzi Wophuculo 1.18: Iimpendulo**

Yeyiphi imilo ezakwenzeka xa udibanisa la machokoza?



Taemane.

**Umsebenzi Wophuculo 1.19: Iimpendulo**

Gqibezela okulandelayo.

Untandathu udibanise nethoba zilingana 11

Une umdibanise nesibhozo zilingana 12

Ishumi ulidibanise nesixhenxe zilingana 17

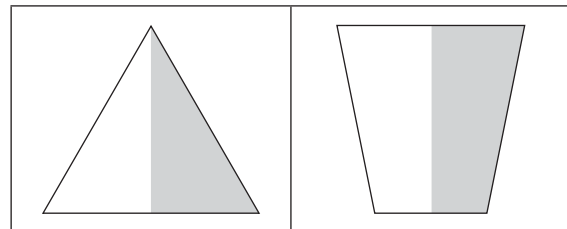
Untlanu kunye nontlanu kunye nontlanu zilingana 15

Umbini kunye nontlanu kunye nesixhenxe zilingana 14

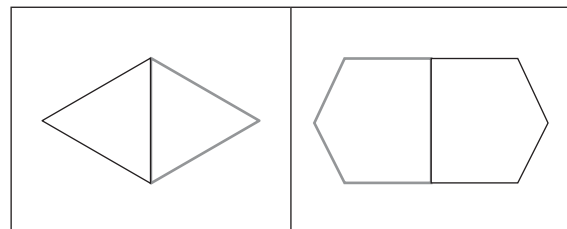
Untathu kunye none kunye nontlanu zilingana 12

**Umsebenzi Wophuculo 1.20: Iimpendulo**

Faka umbala kwicala



Zoba elinye icala



### Umsebenzi Wophuculo 1.21

Inani 20

$$\underline{\quad} + 5 = 20$$

$$\underline{\quad} + 7 = 20$$

$$\underline{\quad} + 9 = 20$$

$$\underline{\quad} + 1 = 20$$

$$\underline{\quad} + 4 = 20$$

$$\underline{\quad} + 8 = 20$$

$$\underline{\quad} + 10 = 20$$

### Umsebenzi Wophuculo 1.22

Gqibezela okulandelayo

1 Okungapheulu kuno 18 ngu \_\_\_\_\_

2 Okungaphantsi kuno 20 ngu \_\_\_\_\_

1 Okungaphantsi kuno 19 ngu \_\_\_\_\_

1 Okungaphezulu kuno 16 ngu \_\_\_\_\_

2 Okungaphezulu kuno 17 ngu \_\_\_\_\_

3 Okungaphezulu kuno 15 ngu \_\_\_\_\_

3 Okungaphantsi kuno 18 ngu \_\_\_\_\_

3 Okungaphantsi kuno 20 ngu \_\_\_\_\_

3 Okungaphezulu kuno 13 ngu \_\_\_\_\_

### Umsebenzi Wophuculo 1.23

Inani 20

$$3 + \underline{\quad} = 20$$

$$6 + \underline{\quad} = 20$$

$$9 + \underline{\quad} = 20$$

$$10 + \underline{\quad} = 20$$

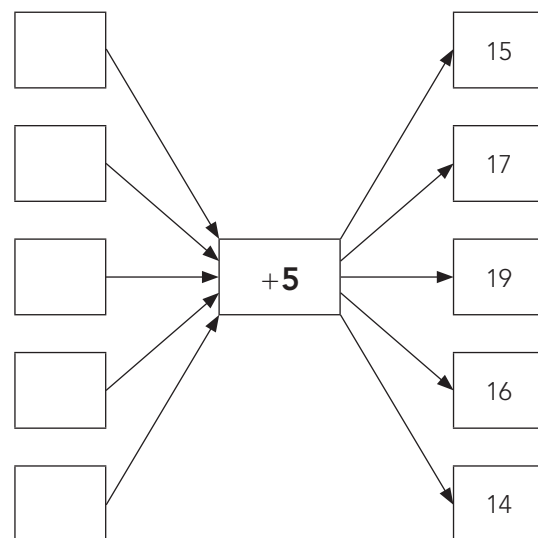
$$5 + \underline{\quad} = 20$$

$$4 + \underline{\quad} = 20$$

$$1 + \underline{\quad} = 20$$

### Umsebenzi Wophuculo 1.24

Gqibezela okulandelayo:





**Umsebenzi Wophuculo 1.21: Iimpendulo**

Inani 20

$15 + 5 = 20$

$13 + 7 = 20$

$11 + 9 = 20$

$19 + 1 = 20$

$16 + 4 = 20$

$12 + 8 = 20$

$10 + 10 = 20$

**Umsebenzi Wophuculo 1.22: Iimpendulo**

Gqibezela okulandelayo

1 Okungapheulu kuno 18 ngu 19

2 Okungaphantsi kuno 20 ngu 18

1 Okungaphantsi kuno 19 ngu 18

1 Okungaphezulu kuno 16 ngu 17

2 Okungaphezulu kuno 17 ngu 19

3 Okungaphezulu kuno 15 ngu 18

3 Okungaphantsi kuno 18 ngu 15

3 Okungaphantsi kuno 20 ngu 17

3 Okungaphezulu kuno 13 ngu 16

**Umsebenzi Wophuculo 1.23: Iimpendulo**

Inani 20

$3 + 17 = 20$

$6 + 14 = 20$

$9 + 11 = 20$

$10 + 10 = 20$

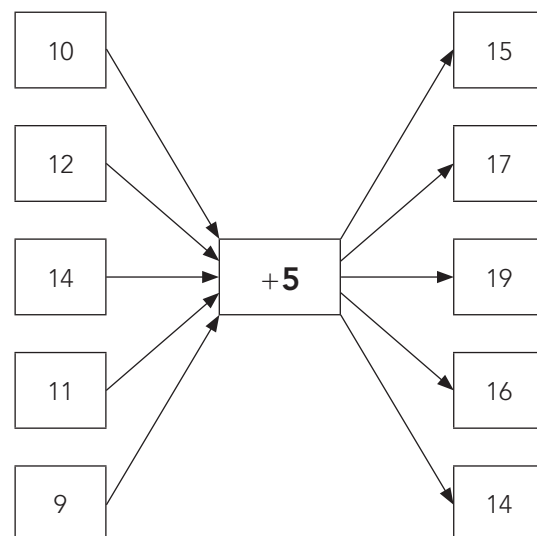
$5 + 15 = 20$

$4 + 16 = 20$

$1 + 19 = 20$

**Umsebenzi Wophuculo 1.24: Iimpendulo**

Gqibezela okulandelayo:



**Umsebenzi Wophuculo 1.25**

Ndingubani?

Ndingumhla oza ngaphambi koMvulo.

\_\_\_\_\_

Ndingumhla emva ngoLwesibini.

\_\_\_\_\_

Ndingumhla phakathi koLwesihlanu kunye neCawe.

\_\_\_\_\_

**Umsebenzi Wophuculo 1.26**

Ndingubani?

Ndiyinyanga eza ngaphambi koNcanzibe.

\_\_\_\_\_

Ndiyinyanga emva kweyeSilimela.

\_\_\_\_\_

Ndiyinyanga ephakathi kweyeNkanga neyoMqungu.

\_\_\_\_\_

**Umsebenzi Wophuculo 1.27**

Isivakalisi samanani

Sebenzisa amanani asebhokisini ukwenza izibalo.

12
4      16

_____ + _____ = _____
-----------------------

8
17      9

_____ + _____ = _____
-----------------------

12      5
5      2

_____ + _____ + _____ = _____
-------------------------------

**Umsebenzi Wophuculo 1.28**

Isivakalisi samanani

Sebenzisa amanani asebhokisini ukwenza izibalo.

18
9      9

_____ - _____ = _____
-----------------------

6
17      11

_____ - _____ = _____
-----------------------

20      5
8      7

_____ - _____ - _____ = _____
-------------------------------

**Umsebenzi Wophuculo 1.25: Iimpendulo**

Ndingubani?

Ndingumhla oza ngaphambi koMvulo.

Icawe

Ndingumhla emva ngoLwesibini.

Lwesithathu

Ndingumhla phakathi koLwesihlanu kunye neCawe.

Umgqibelo

**Umsebenzi Wophuculo 1.26: Iimpendulo**

Ndingubani?

Ndiyinyanga eza ngaphambi koNcenzibe.

UTshazimpunzi

Ndiyinyanga emva kweyeSilimela.

EyeKhala

Ndiyinyanga ephakathi kweyeNkanga neyoMqungu.

EyoMnga

**Umsebenzi Wophuculo 1.27: Iimpendulo**

Isivakalisi samanani

Sebenzisa amanani asebhokisini ukwenza izibalo.

12
4      16

$4 + 12 = 16$
$12 + 4 = 16$

8
17      9

$8 + 9 = 17$
$9 + 8 = 16$

12	5
5	2

$5 + 2 + 5 = 12$
$5 + 5 + 2 = 12$
$2 + 5 + 5 = 12$

**Umsebenzi Wophuculo 1.28: Iimpendulo**

Isivakalisi samanani

Sebenzisa amanani asebhokisini ukwenza izibalo.

18
9      9

$18 - 9 = 9$
--------------

6
17      11

$17 - 11 = 6$
$17 - 6 = 11$

20	5
8	7

$20 - 7 - 8 = 5$
$20 - 8 - 7 = 5$
$20 - 8 - 5 = 7$



**Umsebenzi Wophuculo 1.29**

O botlhale go le kae?

Kwala dipalo di le tharo mo dibolokong tse di tlaa tlhakanyetsa kwa dipalong tse di kwa bokhutlong.

10	5	5	20
----	---	---	----

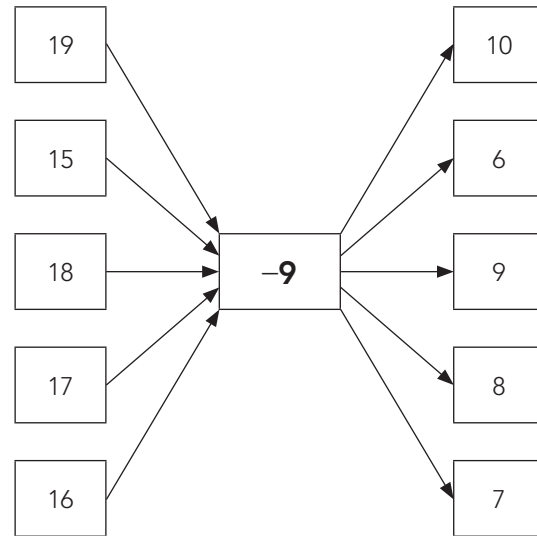
8	8	8	24
---	---	---	----

3	10	10	23
---	----	----	----

10	10	5	25
----	----	---	----

**Umsebenzi Wophuculo 1.30**

Feleletsa tse di latelang:



**Umsebenzi Wophuculo 1.31**

Go na le masome le metso e mekae?

	Masome	Metso	=
○○○○○○○○○○○ ○	1	1	11
○○○○○○○○○○○ ○○○○○○	1	6	16
○○○○○○○○○○○ ○○○	1	3	13
○○○○○○○○○○○ ○○○○○○○○	1	8	18
○○○○○○○○○○○ ○○○○○○	1	7	17

**Umsebenzi Wophuculo 1.32**

A o ka kgona go rarabolola mathata a?

1. Mme o bakile dikopikuku di le 12. Tom o jele tse dingwe. Jaanong go setse di le 6. Tom o jele di le kae.

Dikopikuku di le 6.

2. Thandi o ne a na le dibalune di le 15. Dingwe di thuntse. Jaanog o setse ka di le 5 fela. Go thutse di le kae?

Go thutse di le 10.

