



Incwadi yomsebenzi wasekhaya (2)

Igoma:

Unyaka:

Isikolo:

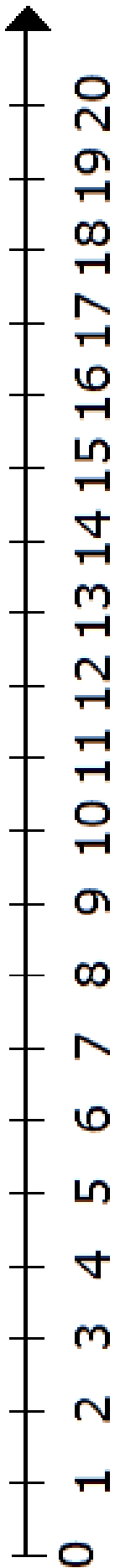
Acknowledgment

We wish to thank the following websites for their resources:

<http://www.math-drills.com/addition.shtml>
<http://www.mathworksheetwizard.com/grade1/grade1arithmetic.html>
<http://www.tes.co.uk>

Declaration

This booklet is not sold or used for profit making. It is used solely for educational purposes. You may photocopy pages if you wish.



Number Ladders

What number do you get at the end?

A	B
Qala 9	Qala 10
Phinda ngokulinganayo	Phinda ngokulinganayo
Dibanisa 2	Dibanisa 15
Thabatha 5	Thabatha 3
Dibanisa 10	Yenza ihafu
Thabatha 13	Dibanisa 2
Yenza ihafu	Thabatha 8
Ithini impendulo yakho?	Ithini impendulo yakho?
C	D
Qala 4	Qala 8
Phinda ngokulinganayo	Phinda ngokulinganayo
Dibanisa 1	Dibanisa 2
Thabatha 3	Susa 4
Dibanisa 10	Yenza ihafu
Thabatha 12	Dibanisa 2
Yenza ihafu	Thabatha 8
Ithini impendulo yakho?	Ithini impendulo yakho?

Yenza

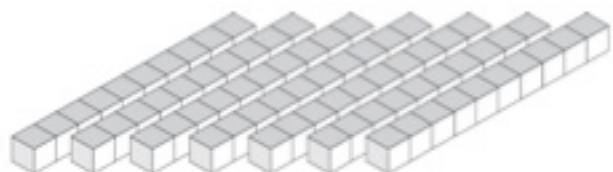
+	2	3	5	10	8	9	1	4	7	6
8										
5										
7										
1										
2										
6										
4										
9										
10										
3										

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

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

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

Leliphi inani elibonisiweyo kwezi bloko?



Leliphi inani elilandelayo?

59, 53, 47, 41, _____, _____, _____.

68, 67, 66, 65, _____, _____, _____.

51, 46, 41, 36, _____, _____, _____.

54, 46, 38, 30, _____, _____, _____.

8, 13, 18, 23, _____, _____, _____.

13, 14, 15, 16, _____, _____, _____.

14, 21, 28, 35, _____, _____, _____.

16, 22, 28, 34, _____, _____, _____.

10, 16, 22, 28, _____, _____, _____.

52, 47, 42, 37, _____, _____, _____.

53, 51, 49, 47, _____, _____, _____.

5, 9, 13, 17, _____, _____, _____.

24, 31, 38, 45, _____, _____, _____.

25, 33, 41, 49, _____, _____, _____.

63, 60, 57, 54, _____, _____, _____.

67, 63, 59, 55, _____, _____, _____.

73, 65, 57, 49, _____, _____, _____.

56, 49, 42, 35, _____, _____, _____.

58, 56, 54, 52, _____, _____, _____.

7, 10, 13, 16, _____, _____, _____.

61, 59, 57, 55, _____, _____, _____.

2, 3, 4, 5, _____, _____, _____.

66, 63, 60, 57, _____, _____, _____.

19, 20, 21, 22, _____, _____, _____.

6, 8, 10, 12, _____, _____, _____.

17, 21, 25, 29, _____, _____, _____.

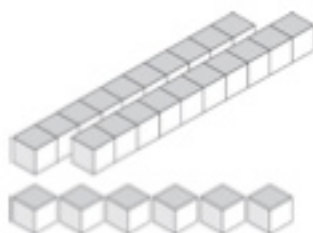
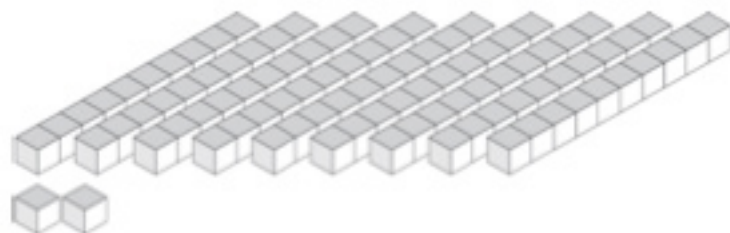
9, 17, 25, 33, _____, _____, _____.

22, 26, 30, 34, _____, _____, _____.

21, 28, 35, 42, _____, _____, _____.

64, 61, 58, 55, _____, _____, _____.

Leliphi eli nani liboniswe apha:



Yenza

$5 + 3 =$

$8 + 7 =$

$9 + 5 =$

$5 + 9 =$

$4 + 8 =$

$6 + 5 =$

$5 + 7 =$

$9 + 3 =$

$7 + 3 =$

$6 + 9 =$

$2 + 7 =$

$8 + 4 =$

$2 + 5 =$

$7 + 7 =$

$8 + 3 =$

$9 + 7 =$

$5 + 2 =$

$7 + 2 =$

$7 + 9 =$

$4 + 5 =$

$8 + 6 =$

$8 + 5 =$

$7 + 8 =$

$9 + 2 =$

$4 + 7 =$

$7 + 4 =$

$9 + 9 =$

$2 + 2 =$

$4 + 4 =$

$4 + 2 =$

$4 + 6 =$

$3 + 5 =$

$3 + 6 =$

$4 + 9 =$

$9 + 4 =$

$6 + 3 =$

$6 + 4 =$

$6 + 7 =$

$6 + 2 =$

$3 + 3 =$

$5 + 8 =$

$9 + 6 =$

$5 + 6 =$

$3 + 7 =$

$8 + 8 =$

$6 + 6 =$

$2 + 9 =$

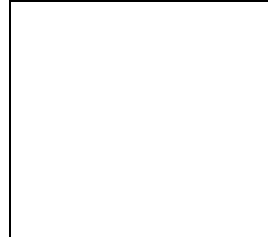
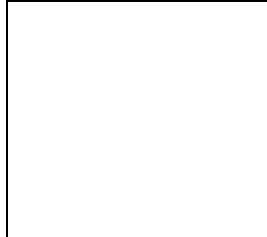
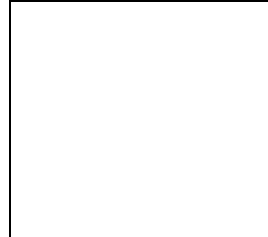
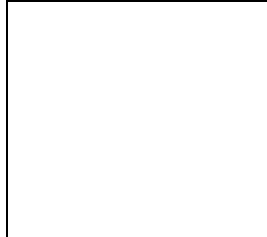
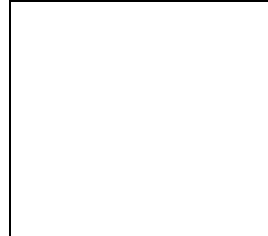
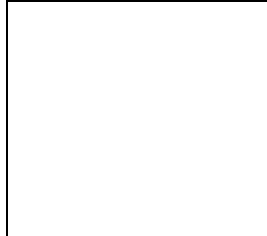
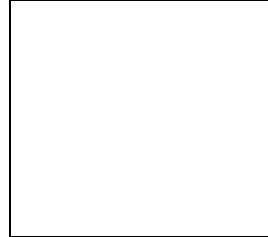
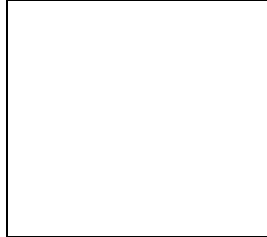
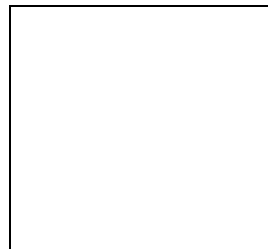
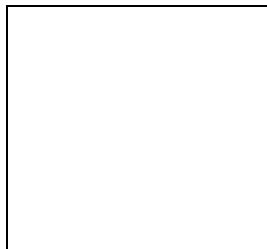
$2 + 8 =$

Yenza isangqa kwinani elikhulu

29 9 92 19	75 57 7 27	100 110 101	99 101 100
11 10 12 21	6 65 56 66	79 77 99 66	14 34 74 24
elesihlanu	ihafu	elesine	elesithathu

Amakhasi

Dibanisa la makhasi. Wakugqiba uphinde impendulo kabini. Jack, Queen & King = 10. Ace = 1.



Yenza

$15 - 7 =$

$12 - 9 =$

$3 - 2 =$

$6 - 3 =$

$5 - 2 =$

$8 - 7 =$

$7 - 6 =$

$12 - 3 =$

$4 - 1 =$

$12 - 8 =$

$6 - 5 =$

$8 - 2 =$

$11 - 2 =$

$15 - 9 =$

$7 - 5 =$

$14 - 7 =$

$6 - 3 =$

$8 - 5 =$

$4 - 3 =$

$10 - 4 =$

$14 - 6 =$

$8 - 1 =$

$15 - 6 =$

$13 - 9 =$

$10 - 2 =$

$9 - 3 =$

$8 - 6 =$

$4 - 3 =$

$8 - 3 =$

$13 - 4 =$

$12 - 7 =$

$11 - 7 =$

$9 - 4 =$

$10 - 8 =$

$10 - 9 =$

$14 - 5 =$

$9 - 5 =$

$6 - 1 =$

$7 - 5 =$

$9 - 6 =$

$9 - 8 =$

$11 - 6 =$

$10 - 6 =$

$7 - 3 =$

$6 - 2 =$

$17 - 8 =$

$18 - 9 =$

$13 - 5 =$

$11 - 4 =$

$16 - 9 =$

$13 - 8 =$

$10 - 1 =$

$6 - 4 =$

$11 - 5 =$

$11 - 8 =$

$9 - 8 =$

$16 - 7 =$

$9 - 7 =$

$5 - 3 =$

$11 - 5 =$

$13 - 7 =$

$18 - 9 =$

$12 - 3 =$

$7 - 1 =$

$14 - 8 =$

$5 - 1 =$

$9 - 6 =$

$13 - 6 =$

$7 - 2 =$

$10 - 7 =$

$14 - 9 =$

$9 - 2 =$

$11 - 9 =$

$8 - 5 =$

$13 - 7 =$

$17 - 9 =$

$10 - 5 =$

$9 - 7 =$

$13 - 4 =$

$7 - 1 =$

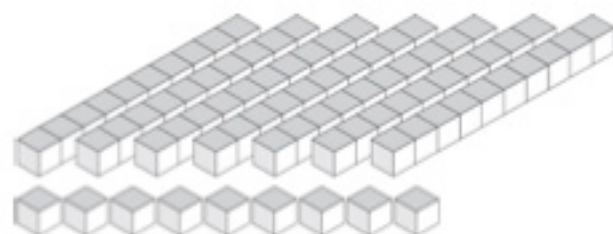
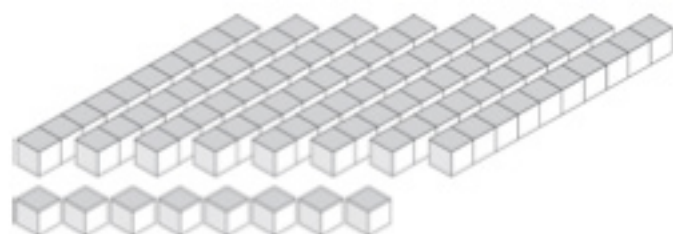
$8 - 7 =$

$11 - 4 =$

$9 - 2 =$

$11 - 3 =$

Leliphi eli nani liboniswe apha:



Yenza

$2 + 2 =$

$12 + 12 =$

$9 + 9 =$

$3 + 3 =$

$8 + 8 =$

$1 + 1 =$

$6 + 6 =$

$11 + 11 =$

$10 + 10 =$

$7 + 7 =$

$4 + 4 =$

$13 + 13 =$

$5 + 5 =$

$13 + 13 =$

$7 + 7 =$

$10 + 10 =$

$8 + 8 =$

$12 + 12 =$

$5 + 5 =$

$0 + 0 =$

$2 + 2 =$

$9 + 9 =$

$3 + 3 =$

$1 + 1 =$

$6 + 6 =$

$4 + 4 =$

$8 + 8 =$

$4 + 4 =$

$11 + 11 =$

$9 + 9 =$

$1 + 1 =$

$6 + 6 =$

$3 + 3 =$

$12 + 12 =$

$10 + 10 =$

$2 + 2 =$

$13 + 13 =$

$5 + 5 =$

$2 + 2 =$

$4 + 4 =$

$9 + 9 =$

$10 + 10 =$

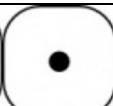
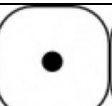
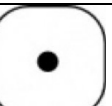
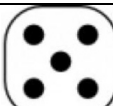
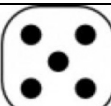
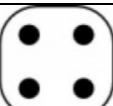
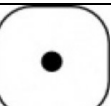
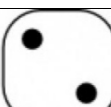
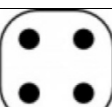
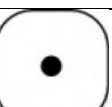
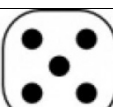
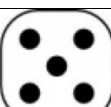
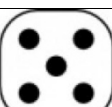
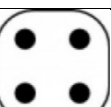
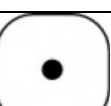
$12 + 12 =$

$13 + 13 =$

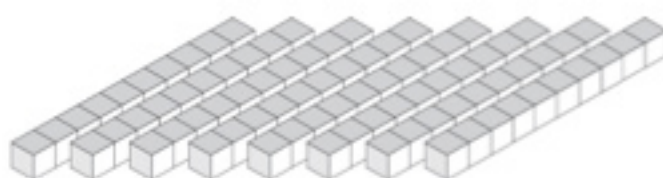
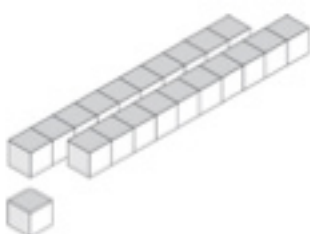
Yenza isangqa kwelona nani lincinci kwelo qela:

39 19 93 29	54 45 94 44	100 110 101	99 101 100
9 90 99 39	44 54 24 104	33 22 11 3	300 100 200
ihafu		elesithathu	
elesihlanu		elesine	

Dibanisa onke la madayisi. Bhala iimpendulo ngamagama.

									
umzekelo : amashumi amabini									
									
									
									
									

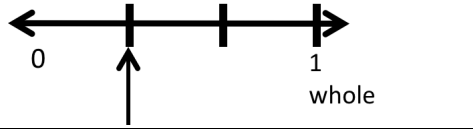
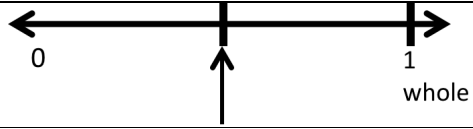
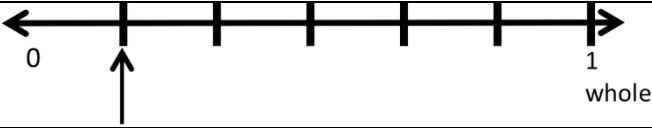
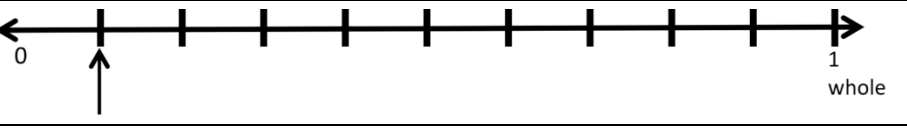
Leliphi inani elibonisiweyo kwezi bloko?



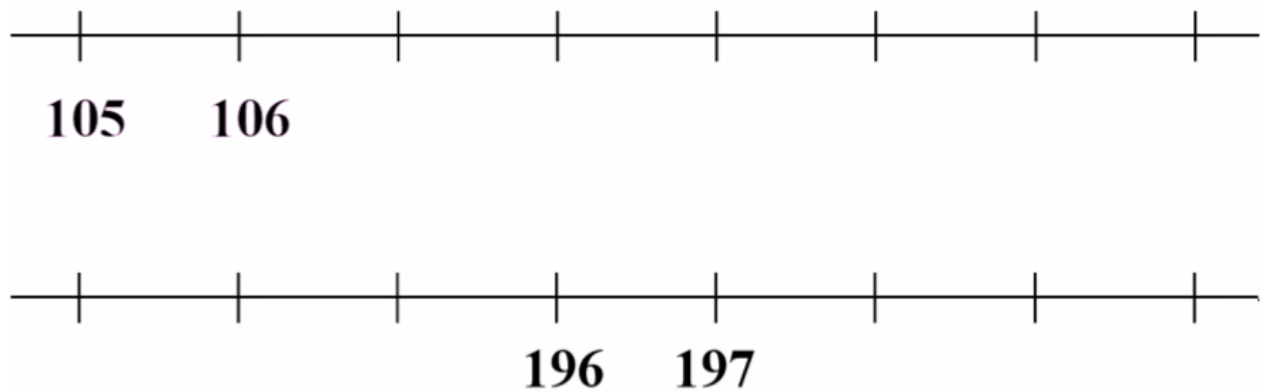
Fumani iimpendulo ezingaphantsi ngeshumi (10). Ufane nombala.

15-4	12-1	12-6	14-7	19-2	18-7	13-1
15-9	18-10	17-6	16-5	14-6	13-5	14-3

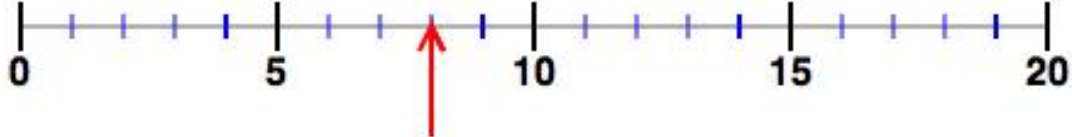
Bhala ihafu, elesithathu, elesine, elesihlanu, sixth and tenth under then correct arrows.

Fakela amanani ashiyiweyo



Leliphi inani eliboniswa leli tolo

A		
B		

Amakhasi

Dibanisa la makhasi. Jack = 11, Queen = 12, King = 13 & Ace = 1.



Sebenza umgca-manoni

2 ngaphezulu 27		10 ngaphezulu 26	
2 ngaphezulu 34		10 ngaphezulu 28	
2 ngaphantsi 39		10 ngaphantsi 35	
2 ngaphantsi 30		10 ngaphantsi 25	

5 ngaphezulu 85		10 ngaphezulu 85	
5 ngaphezulu 95		10 ngaphezulu 95	
5 ngaphantsi 105		10 ngaphantsi 105	
5 ngaphantsi 90		10 ngaphantsi 90	

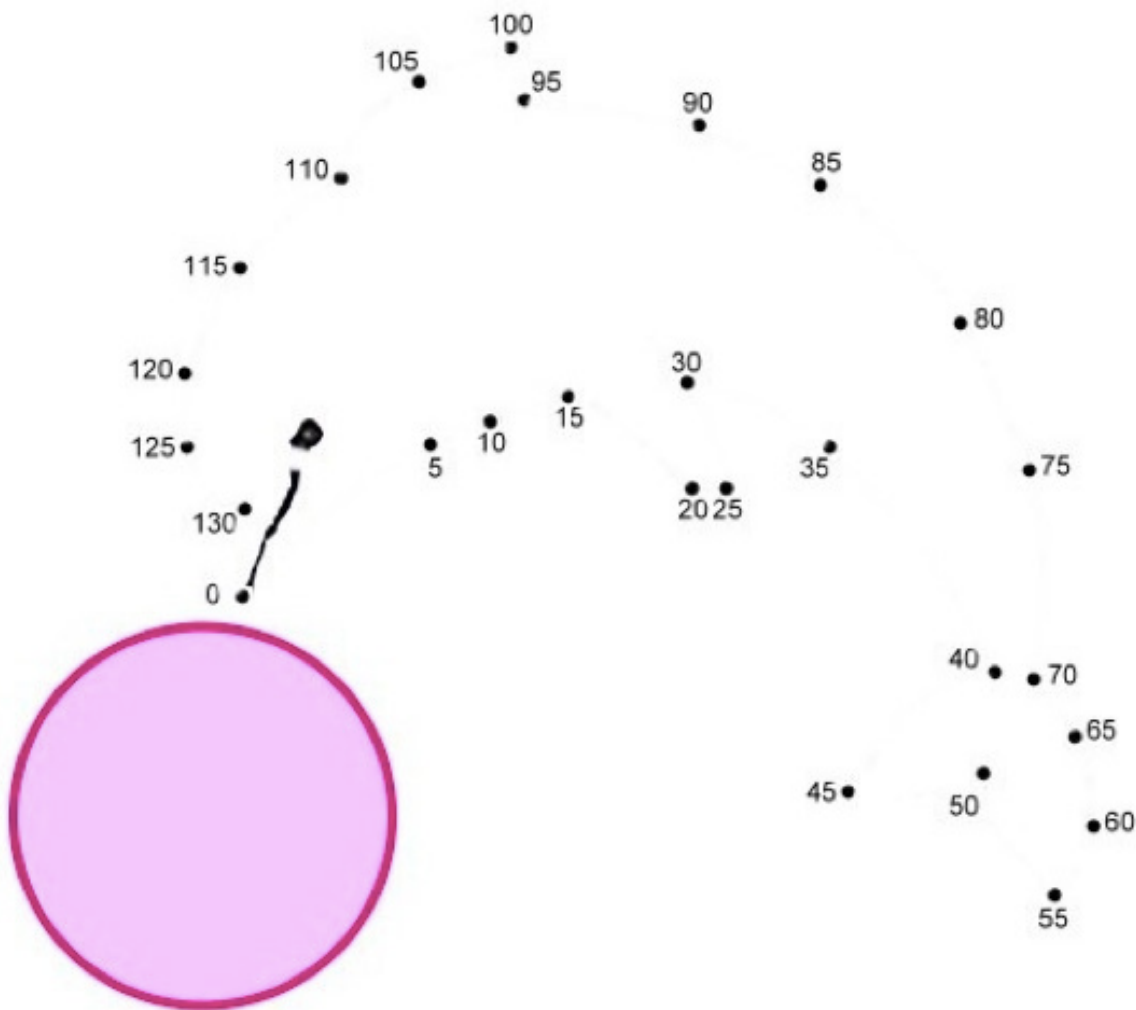
Bhala la manoni ukusuka kwelikhulu ukuya kwelincinci

11	5	2	28	2	5	11	28
30	30	9	22				
11	17	21	9				
20	19	2	31				
300	450	500	350				
61	43	67	88				

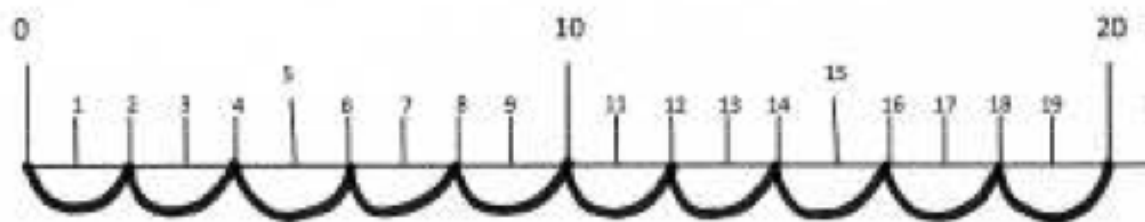
Bonisa inani ngalinye kumgca-manani

17 3 24	
33 49 6	
64 94 72	

Qala 5, ubale ngezihlanu. Uhlanganisa amachaphaza.



Sebenzisa umgca-manani ukubala ngamaqela. Bonisa kumgca-manani ukuba utsibe njan



Bala 2



Bala 3



Bala 4



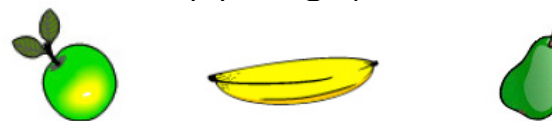
Bala la manani ukusuko kwelincinci ukuya kwelikhulu

30	4	5	25	4	5	25	30
27	22	25	4				
21	15	27	1				
28	13	27	7				
40	20	50	30				
35	65	85	25				

Abantwana bayi amashumi quabini
anesithandathu (26) eklasini, abayi sibhozo (8)
bamkile. Zingaphi ibhotile zobisi ezifunekayo?



Kukho amanapile ayi ishumi elinesibhozo (18)
amopere ati ishumi elinanye (11), iibhanana
ezintlanu (5). Zingaphi zizonke?



Ndithenge ikeyiki ezingamashumi amathathu (30).
uJacob utye ikeyiki ezilishumi elinethoba (19).
Zingaphi ikeyiki ezishiyekileyo?



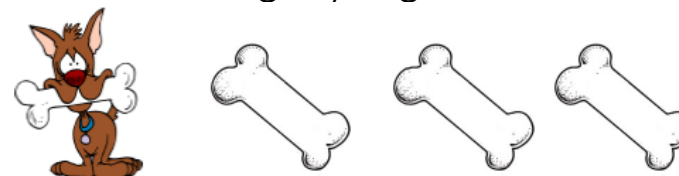
Mangaphi amavili kwimoto sibhozo?



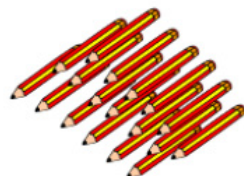
Utata ucebe imidlalo isithandathu (6). Umnye
kuwo imidlalo kufuneka kuphumetele isibini (2).
Mangaphi amabhaso utata ekufuneka
ewakhuphile?



Inja yam itya amatha mbo amathathu (3)
ngereki? Mangaphi emathambo atyiweyilenja
ngenyanga?



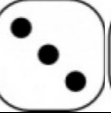
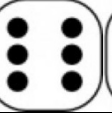
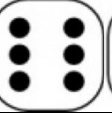
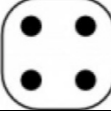
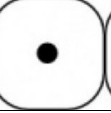
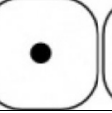
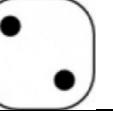
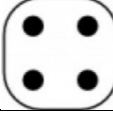
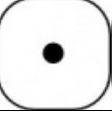
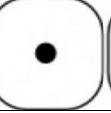
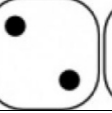
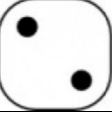
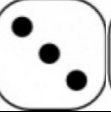
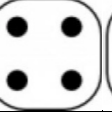
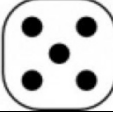
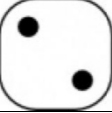
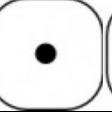
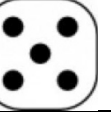
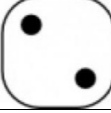
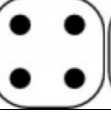
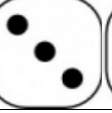
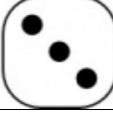
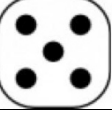
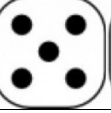
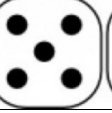
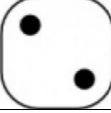
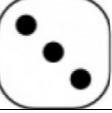
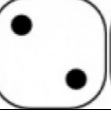
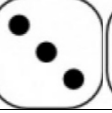
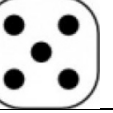
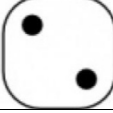
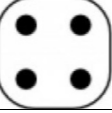
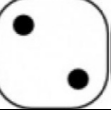
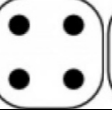
u-Abby uneepensile ezilishumi elinesibhozo (18).
Waphisa ngezi ntlanu (5). Zingaphi ezishiyekikyo?



Ephepheni kukho izincamathelisi ezi amashumi
amabini (20). Mna ndinezincomathelisi ezilikhulu
(100). Mangaphi amaphepha esiwafunayo?



Dibanisa amachaphaza asedayisini wakugqiba ubhale impendulo ngamagama.

Ukuba xa edityanisiwe lamanani enza ishumi (10), faka umblala ebhokisini.

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

Dibanisa omanani kumqolo ngamye nakwi kholom. Ubale iimpendulo kwizangqa udibanise amanani akwizangqa kumqolo nakwi kholom ngonye. Impendulo uyibhale kwibhokisi.

Umzekelo

2	2	4
3	2	5
5	4	9

5	3	○
8	6	○
○	○	□

4	9	○
7	2	○
○	○	□

8	3	○
7	10	○
○	○	□

10	7	○
9	12	○
○	○	□

13	15	○
16	11	○
○	○	□

24	31	○
52	43	○
○	○	□

Ungasifumano njani isiphumo

	7	⑩
4		○
○	⑫	□

		⑪
3	6	○
⑫	○	□

15		⑰
20		○
○	⑳	□

Challenge Page

Bala ngoo - 10. Lithini inani lokugqibela etshatini? Zama ukusebenza ngaphandle kokugcwalisa itshati ngokupheleleyo.

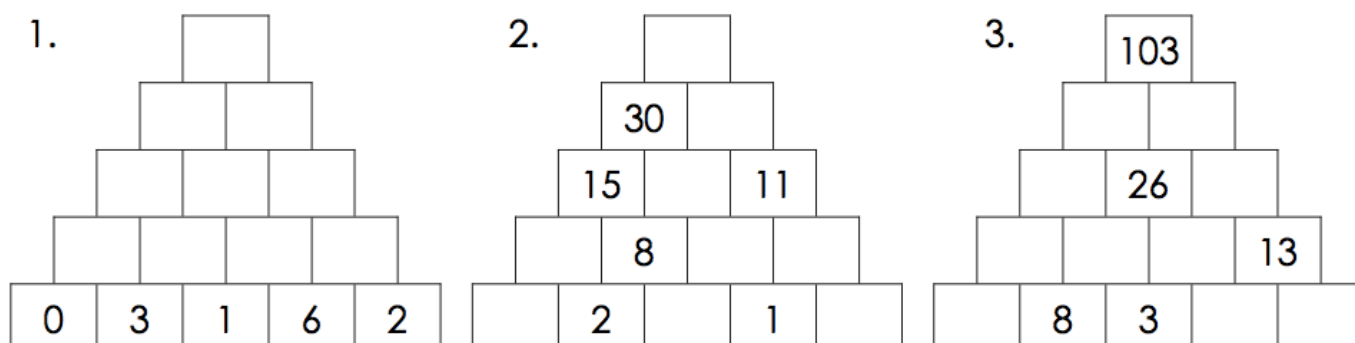
10	20	30							
110									

Fumana indela yakho ukusuka kwikhulu(100)ukuya kwiwaka (1000) ulandela imeyizi

IMIGAQO: ungaya ngasekunxele, ngasekunene okanye uhle ukuba inani elikulobloko likhulu kunelo likwibloko okuyo.

100	121	127	133	167	189	200	214	212	398
145	166	134	135	120	230	212	256	347	405
156	167	137	156	155	226	356	378	380	407
632	234	138	246	267	278	476	477	450	417
432	256	200	250	245	300	355	487	478	456
355	253	289	244	305	303	570	569	490	453
361	385	377	367	356	301	537	566	505	498
689	654	390	480	478	488	675	507	508	689
654	543	489	488	483	577	589	609	504	769
723	566	570	589	578	734	631	616	789	1000

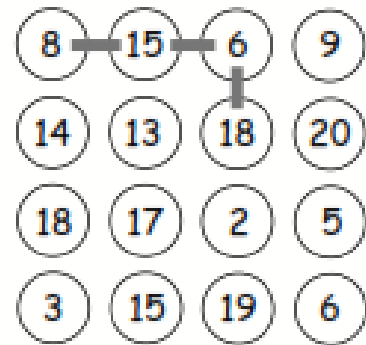
Izibalo zephiramidi



Challenge Page

Ukuhlanganisa Amanani

- Dibanisa nakuba ngawaphi manani amane.
- Ungawadibanisa unyoke, uhle, ubheke ecaleni, kodwa ungaxwesisi.
- Isiphumo salo mzekelo ngu $8+15+6+18=47$
- Fumana esona siphumo siphezulu.
- Fumana esona siphumo sisezantsi.
- Zama ukudibanisa amanani amahlanu. Fumana esona siphumo siphezulu. Fumana esona siphumo sisezantsi.
- Zama ukudibanisa amanani amahlanu usebenzisa imihlanganiso exwesiwoyo. Fumana esona siphumo siphezulu. Fumana esona siphumo sisezantsi.
- Ngoku aama ukudibanisa amanani amahlanu usebenzisa imihlanganiso exwesileyo. Fumana esona siphumo siphezulu. Fumana esona siphumo sisezantsi.



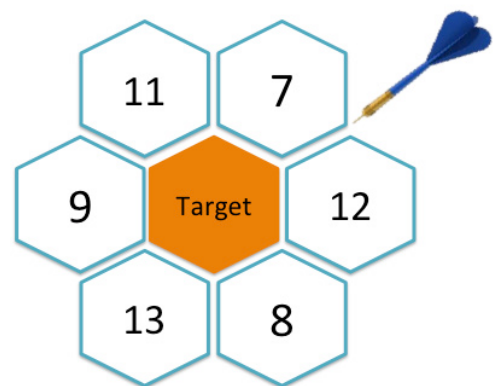
Ukwenza itshati

Ndinamaapile alishumi (10). Ndesebenzisa iapile isinye esinesiqingatha ($1\frac{1}{2}$) ngethati yeapile nganye endiyenzayo. Ndingenza ithati zeapile ezingaphi?

Bonisa indela okwenze ngayo oku.

Phosa iidatsi

- Ziziphumo ezingaphi ozifumana ngedathi ezimbini.
- Ufuna iidathi ezingaphi ukuze ufumane isiphumo esingamashumi amathathu anesithandathu (36).
- Ungafumana amashumi amabini (20) ngedathi ezimbini?
- Ungafumana amashumi amabini (20) ngendlela ezingaphezu kwenye?
- Khangela zonke iindlela zokufumana amashumi amabini (20)?
- Sesophi esona siphumo sikulu ongasifumana ngedathi ezimbini (2)?
- Sesophi esona siphumo sincinane ongasifumana ngedathi ezimbini (2)?



Inkukhu ka Farmer Brown izala amaqanda alishumi elinesihlanu (25) yonke imihla. Aya kuba mangaphi amaqanda azelweyo emva kweveki (1)?



Izindlu senkukhu zithwala iinkukhu ezintlanu (5). Ukuba kukho izindlu ezintandathu (6) ezigcweleyo, zinkukhu



ezingaphi ezo?

Ukuba abantwana abathandathu (6) banokuhlala etafileni bangaphi abantwana abanokuhlala kwiitafile ezimbini (2)?



UTaylor unepensile zokuzoba ezilishumi elinanye (11). UAmy unezilishumi elinesithoba (19). Yintoni umahluko?



Irobothi ifuna ibetri ezine (4). Ufuna ibetri ezingaphi kwirobothi ezintathu (3)?



Umvundla utye iminqathe emibini (2) ngosuku olunye, ezine (4) ngosuku olulandelayo, ezintandathu (6) ngosuku lwesithathu. Mingaphi iminqathe oyityileyo iyonke?



Ngabadlali abalishumi elinanye (11) abadlala kwiqela lebhola ekhatywayo. Bangaphi bebonke abadlali kumdlalo webhola??



Kukho emabhile ezilishumi (10) ebhotileni. Ezintlanu (5) kuzo ziyaqengqelekile. Kongezwa ezilishumi elinesibini (12). Zingaphi ngoku?

