

I.AMANANI, OPHARESHINI NOLWALAMANO. (20)

I.1 Hlenga-hlengisa amanani uqale kwelincinci ugqibele ngelikhulu.

18; 2; 10; 14; 6; 8; 16; 4; 12

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I.2. Bala ngokuthabatha usebenzisa umgca-manani.

$$8-3= \boxed{}$$

I.3 Bala ngokudibanisa usebenzisa umgca-manani.

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

I.4 faka umbala obomvu kwizinto ezinintsi ze ufake umbala ozuba kwizinto ezimbalwa ubale izinto zingaphi kwiqela ngalinye .



I.5. Imoto enye inamavili amane, mangaphi amavili emoto ezintathu?

Sebenzisa le thayibhuli engezantsi ikuncede ukubala.

Inani le moto	1	2	3
amavili	4		

I.6 Bhala la manani ngamagama

I.6.1 I2: _____

I.6.2 I8: _____

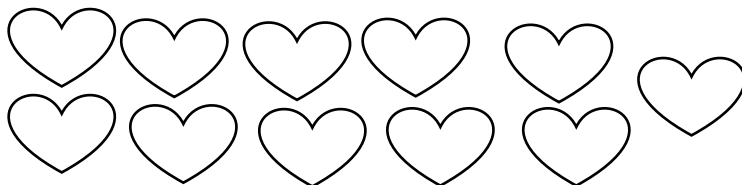
I.7. Bhala isivakalisi manani

I.8. Guqula eligama ulibhale libelinani

Ishumi elinesibini=

I.9. U-Owam une R20, wathenga ipensili exabisa iR3, irabha exabisa iR2 kunye nencwadi exabisa R5. Yimalini itshintshi yakhe? Bala ubonakalise.

I.10. Yenza amaqela ezithathu.



I.10.1. Mangaphi amaqela ezithathu akhoyo?

I.10.2. Kushiyeke izinto ezingaphi?

I.11. Bhala amanani enza ishumi.

I.II.1_____

I.II.2_____

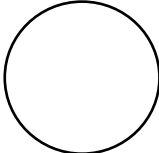
2.INDAWO NE MILO (10)

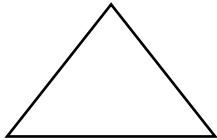
2.1. Indawo (practical 5)

2.1.1. Utitshla uyalela abafundi ukuba basebenzise usix bricks ngokwamaqela bebonisa indawo besebenzisa isixhobo ezikhoyo kwigumbi lokufundela umzekelo idesika. Besebenzisa la magama phezulu, ezantsi, ecaleni, Phambile nangasemva.

2.2 Bhala igama ecaleni kwemilo

2.1.2.  _____

2.2.2.  _____

2.2.3.  _____

2.3 Chaza ukuba mangaphi amacala ezimilo zilandelayo.

2.3.1 uxande: _____.

2.3.2. usangqa:_____.

3. UKUQOKELELA IINKCUKACHA

3. Uphando (investigation).

Ututshla wohlula abantwana ngokwamaqela ze kulo amaqela abanike umyalelo wokuba bakhangele ukuba zeziphi ezona ziqhama ezithandwa kakhulu ngabafundi bebanga lokuqala kumaqela abo. Xa sele ebeyiqokolele lo nkcukacha baya kuzebenzisa u six brick ukubonisa abakufumanisileyo (nge graph) zebaphendule imibuzo emayelana nenkcukacha leyo.

Abafundi banako ukusebenzisa esisixhobo singezantsi kuphando lwabo.

Phawula (X)ecaleni kwesiqhamo osithandayo kweziziqhamo zilapha.

[illegible]

4.IPHATHENI (10)

4.1 Iphatheni yamanani 5 (UPHANDO)

Gqibezela ezi phatheni zamanani zilandelayo ze uchaze ukuba ulifumene njani inane elandelayo.

4.1.1.

8	10			16				24
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4.1.2

7		9	10				14		
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4.1.3 Yila eyakho iphatheni yamanani

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4.2 Iphatheni yejiyometri(written)

5.UMLINGANISELO (10) oral.

Funda ubude bezinto.

5.1. Izinto zibhalwe amanani ,phendula imibuzo ngokubiza kuphela inani elichanelileyo.

5.1.1 Yeyiphi eyonanto inde?

5.1.2. Yeyiphi eyonanto imfutshane?

5.1.3. Biza izinto ezintathu ezinobude obulinganayo.

5.1.4 Yolatha into enobude obulingana ne rula.

5.1.5. Ubude bepensile bulingana nebloko ezingaphi?

5.1.6. Irula inde ngeebloko ezingaphi kune pensil?

5.2. Umntwana osuka eValencia nosuka e Summervalley besebenzisa isithuthi esifanayo ukuza apha esikolweni, ngomphi ozifika kuqala apha eskikolweni?

5.3. Umntwana osuka kwagrade 2A esiya e-ofisini, no mntwana osuka kwagrade R uya e-ofisini naye. Ngomphi ozakufika kuqala?

	uyakwazi	uyazama	Udinga unncedo.
1.Umfundi uyawazi amanani ngokulandelelana kwawo.			
2. Uyakwazi ukubhala isivakalisi manani			
3. Uyakwazi ikohlula izinto ezininzi nezimbalwa.			
4. uyawazi amanani enza ishumu ngobuninzi bawo.			
5. uyakwazi kubala ngokuthabatha kumgca manani.			
6. Uyawazi amanani ngokwamagama.			
7. Uyakwazi ukusombulula ngxaki azinikiweyo.			
8. Uyakawazi ukubala ngokudibanisa kumgca manani.			

Uluhlu lukuhola indawo nemilo.

Uluhlu	uyakwazi	uyazama	Udinga uncedo
1.abafundi bayakwazi ukubonisa indawo bezebenzisa usix bricks ngala magama phambili,ecaleni, ngasemva, ngaphantsi			
2.uyazazi imilo zika 2D			
3. uyawazi amacala emilo.			
4.bayakwazi ukusebenza kakuhle ngamaqela.			

Uluhlu lokuhlola iphatheni.

Uluhlu	Uyakwazi	uyazama	Udinga uncedo
1.umfundi uyakwazi ukugqibezela iiphatheni zejiyometri			
2. uyazazi isibhinda-phindi zezibini.			
3.Uyawazi amanani ngokulandelelana kwawo.			
4. uyakwazi ukuyila eyakhe iphatheni.			
5. uyakwazi ukufumana inani elilandelayo ngokufumana ukuba uthini umthetho.			

Uluhlu lokuhlola umlinganiselo.

Uluhlu	Uyakwazi	Uyazama	Udinga uncedo
1.Uyakwazi ukubona ubude bezinto			
2. Uyawazi umgama			
3. uyakwazi ukuthelekisa Phakathi kwento ende nemfutshane			
4. Uyakwazi ukuphendula yonke imibuzo ngokuzithemba.			

Memorandum

I. Number operation.	
I.1 2,4,6,8,10,12,14,16,18.	1
I.2 $8-3=5$	2
I.3 $6+4=10$	2
I.4 umbala obomvu kwinkanyezi ezisixhenxe, ozuba kwezintlanu.	2
I.5 Imoto ezimbini zinamzvili asibhozo (8) ezintathu zinamavili alishumi elinesibini (12)	2
I.6.1 ishumu elinesibini	1
I.6.2 ishumu elinesibhozo	1
I.7 $2+2+2+2=8$	2
I.8 $R3+R2+R5=R10$	2
$R20-R10=R10$	1
I.10	1
I.10.2. 3	1
I.10.3. 2	
I.11 nokuba yeyiphi impendulo kwezi	2
$6+4$	
$10+0$	
$9+1$	
$8+2$	
$5+5$	
$7+3$	

2 space and shapes	
2.1 jonga uluhlu lokuhola or rubric	5
2.2.1 isikwere	1
2.2.2. isangqa	1
2.2.3. inxantathu.	1
2.3.1 4	1
2.3.2 0	1
3. sebenzisa uluhlu lokuhlola	5
4.1.1 12,14,18,20,22	1
Sibala ngezibini	1
4.1.2 8,11, 12,13,15,16	1
Sibala ngesinye.	1
4.1.3 nayiphi na iphatheni yamanani ayenzileyo umfundi.	1
	5
5 measurements	
5.1 5	1
5.2. 10	1
5.3 8,7,4.	3
5.4 4	1
5.5. 4	1
5.6 valencia	1
5.7 umtwana osuka kwa 2A.	2