

MATHEMATICS

Grade 2

**English/
IsiXhosa**

**Teacher's
Resource
Pack**

2019 TERM 4

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I Printable Resources

Printable 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.

Olu luhlu lwamancedo emathematika oza kulusebenzisa kule kota. Kufuneka uqinisekise ukuba unazo ezi zinto ukulungiselela izifundo ekucetyiswe ukuba uzisebenzise kuzo.

1	Itheyibhile yocwangciso manani (isifundo 1 nezinye)	2
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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.

AMANCEDO / IZIXHOBO EZINOKUSETYENZISWA NGOSUKU NGALUNYE LOKUFUNDISA

Kukwakho namanye amancedo afana namancedo angekho sikweni (iimagazini ezindala, izijungqe zemitya, amaphepha angasetyenziswayo, njalunjalo) onokufuna ukuwasebenzisa kwizifundo ezithile. Kufuneka uqwalasele uluhlu lwezinto onokuzisebenzisa kwisifundo ngasinye; olu luhlu olufumaneka kwizicwangciso zezifundo zosuku ngalunye. Zilungiselele ukuze ube uxhobe ngokwaneleyo ulungele izifundo zemihla ngemihla.

I Array diagram (lesson I and other)

Itheyibhile yocwangciso manani (isifundo I nezinye)

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

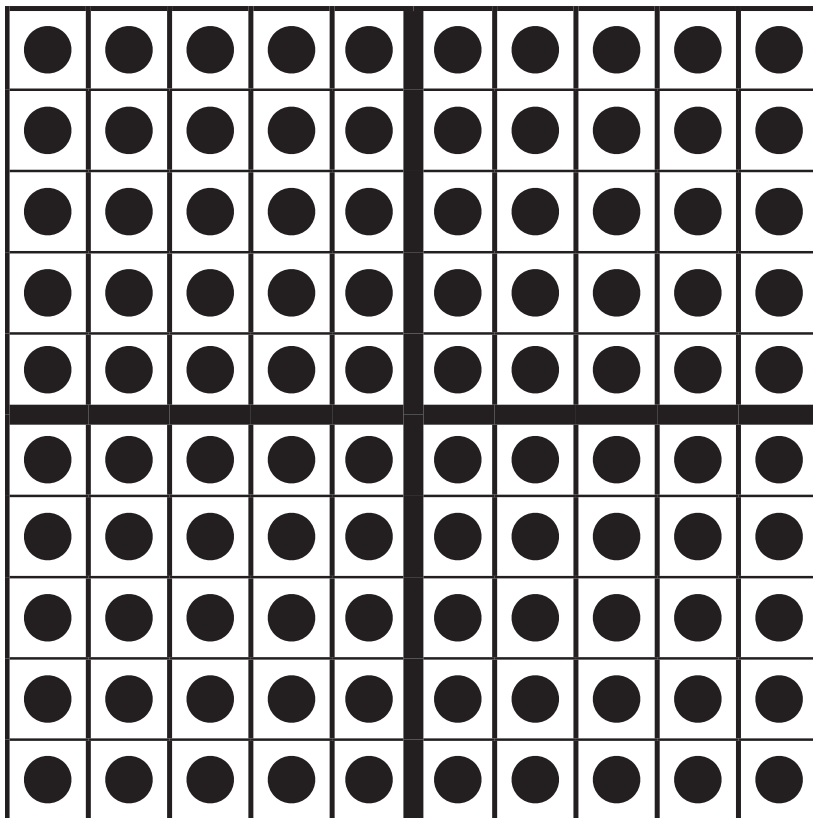
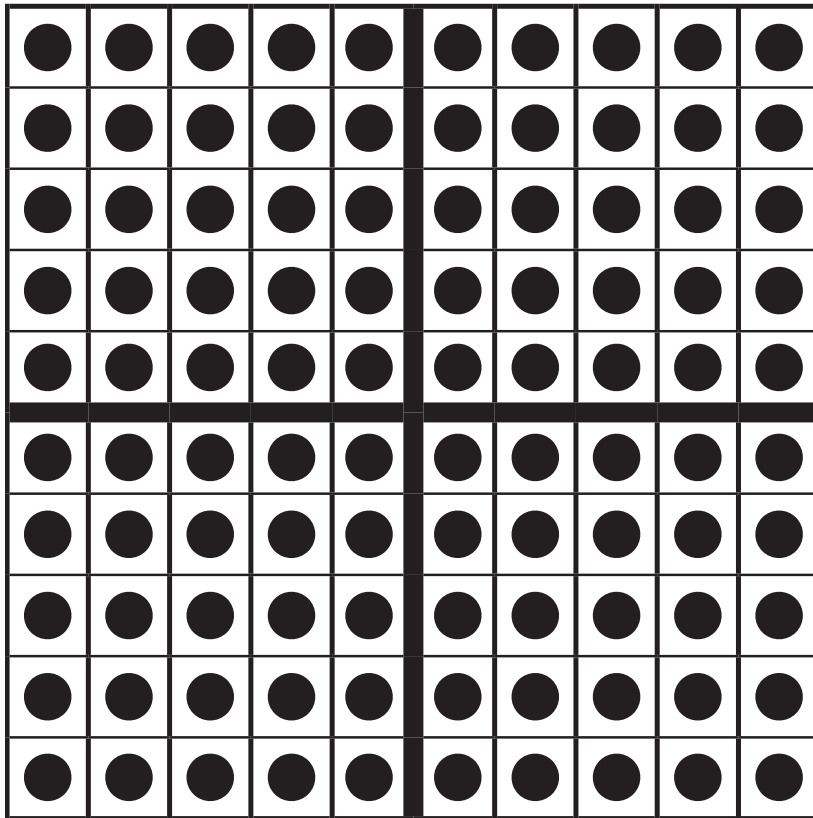
2 Multiplication table (lesson 3 and other)

It heyibhile yophindaphindo (isifundo 3 nezinye)

	1	2	3	4	5
1	1	2	3	4	5
2	2	4	6	8	10
3	3	6	9	12	15
4	4	8	12	16	20
5	5	10	15	20	25
6	6	12	18	24	30
7	7	14	21	28	35
8	8	16	24	32	40
9	9	18	27	36	45
10	10	20	30	40	50

3 Base ten kit (lesson 10 and other)

Isixhobo sesiseko samashumi (isifundo 10 nezinye)



4 Place value table (lesson 11 and other)

Itheyibhile yexabiso lendawo (isifundo 11 nezinye)

Hundreds Amakhulu	Tens Amashumi	Ones Imivo

5 1000 board (lesson 11 and other)

Ibhodi ye-1000 (isifundo 11 nezinye)

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
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125
126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175
176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
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
301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325
326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350
351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375
376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400
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
501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525
526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550
551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575
576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600
601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625
626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650
651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675
676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700
701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725
726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750
751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775
776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800
801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825
826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850
851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875
876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900
901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925
926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950
951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975
976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000

6 Flard cards (lesson 11 and other)

Iifladikhadi (isifundo 11 nezinye)

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	

7 Money cut-outs – coins (lesson 19–20)

Imisiko yemali – iingqekembe/imali eziinkozo/
umwangelala (izifundo 19–20)



8 Money cut-outs – notes (lesson 19–20)

Imisiko yemali – imali engamaphepha (izifundo 19–20)



9 Money cut-outs – notes (lesson 19–20)

Imisiko yemali – imali engamaphepha (izifundo 19–20)



2 Written assessments

Written Assessment Lesson 5

Uvavanyo Olubhalwayo Isifundo 5

1 Complete the table:

Gqibezela itheyibhile:

(5)

		Number sentence with answer Isivakalisi manani kunye nempendulo																								
a	<table border="1"> <tr> <td></td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> <tr> <td>1</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> </tr> <tr> <td>2</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> </tr> <tr> <td>3</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> </tr> </table>		1	2	3	4	1	●	●	●	●	2	●	●	●	●	3	●	●	●	●					
	1	2	3	4																						
1	●	●	●	●																						
2	●	●	●	●																						
3	●	●	●	●																						
b	<table border="1"> <tr> <td></td> <td>1</td> <td>2</td> <td>3</td> </tr> <tr> <td>1</td> <td>●</td> <td>●</td> <td>●</td> </tr> <tr> <td>2</td> <td>●</td> <td>●</td> <td>●</td> </tr> <tr> <td>3</td> <td>●</td> <td>●</td> <td>●</td> </tr> <tr> <td>4</td> <td>●</td> <td>●</td> <td>●</td> </tr> <tr> <td>5</td> <td>●</td> <td>●</td> <td>●</td> </tr> </table>		1	2	3	1	●	●	●	2	●	●	●	3	●	●	●	4	●	●	●	5	●	●	●	
	1	2	3																							
1	●	●	●																							
2	●	●	●																							
3	●	●	●																							
4	●	●	●																							
5	●	●	●																							
c	7 groups of 2 Amaqela asi-7 oo-2																									
d	9 groups of 3 Amaqela asi-9 oo-3																									
e	6 groups of 5 Amaqela ama-6 oo-5																									

2 Written assessments

2 Complete:

Gqibezela:

(3)

	3	4	5		7
$\times 4$	12		20	24	

3 There are 7 groups. Each group has 5 children in it. How many children are there altogether?

Kukho amaqela asi-7. Iqela ngalinye linabantwana aba-5. Bangaphi abantwana bebonke? (2)

Number sentence:

Isivakalisi manani _____

Answer: _____ children.

Isiphumo: abantwana aba _____.

Written Assessment Lesson 9

Uvavanyo Olubhalwayo Isifundo 9

I Complete the table:

Gqibezela itheyibhile:

(10)

		Answer/Isiphumo
a	$3 \times 4 =$	
b	$4 \times 5 =$	
c	$5 \times 4 =$	
d	$9 \times 3 =$	
e	$8 \times 2 =$	
f	$7 \times 3 =$	
g	$7 \times 4 =$	
h	$8 \times 3 =$	
i	$9 \times 5 =$	
j	$6 \times 4 =$	

2 Solve the following word problem:

Sombulula ezi ngxaki zamagama:

(5)

<p>I have 3 bags of shapes. In each bag there are 2 triangles and 5 rectangles. How many shapes do I have altogether?</p>	<p>Ndineengxowa ezi-3 zeemilo. Kwingxowa nganye kukho oonxantathu aba-2 neengxande ezi-5. Zingaphi iimilo endinazo zizonke?</p>	
<p>Draw a diagram. Zoba umfanekiso.</p>		
<p>Write the number sentences. Bhala isivakalisi manani.</p>		
<p>Write the answer. Bhala isiphumo.</p>		

Written Assessment Lesson 14

Uvavanyo Olubhalwayo Isifundo 14

1 Write using number symbols.

Bhala usebenzise amanani. (3)

a 3 hundreds, 6 tens and 0 ones

Amakhulu ama-3, amashumi ama-6 nemivo e-0 _____

b 8 hundreds, 0 tens and 5 ones

Amakhulu asi-8, amashumi a-0 nemivo emi-5 _____

c 4 hundreds, 1 ten and 2 ones

Amakhulu ama-4, ishumi eli-1 nemivo emi-2 _____

2 Draw simplified pictorials to show the numbers.

Zoba imifanekiso ubonise amanani. (9)

a 836

H	T	O

b 620

H	T	O

c 409

H	T	O

3 Write using number symbols.

Bhala usebenzise amanani.

(3)

a Seven hundred and ten.

Amakhulu asixhenxe aneshumi elinye. _____

b The number after 559.

Inani elilandela ama-559. _____

c The number before 990.

Inani eliphambi kwama-990. _____

Written Assessment Lesson 18

Uvavanyo Olubhalwayo Isifundo 18

NUMBERS TO 999

AMANANI UKUYA KUMA-999

1 Write using number symbols.

Bhala usebenzise amanani. (3)

a 3 hundreds, 6 tens and 0 ones

amakhulu ama-3, amashumi ama-6 nemivo e-0 _____

b 8 hundreds, 0 tens and 5 ones

amakhulu asi-8, amashumi a-0 nemivo emi-5 _____

c 4 hundreds, 1 ten and 2 ones

amakhulu ama-4, ishumi eli-1 nemivo emi-2 _____

2 Fill in the missing numbers.

Fakela amanani ashayiweyo. (6)

a 836 has

 hundreds

 tens

 ones

b 620 has

 hundreds

 tens

 ones

a 836 anamakhulu ama-

 amashumi ama-

 imivo e-

b 620 anamakhulu ama-

 amashumi ama-

 imivo e-

2 Written assessments

3 Solve the following:

Sombulula oku: (2)

a Write the following numbers from the smallest number to the biggest number:

Bhala la manani alandelayo uqale ngelona lincinci uye kwelona likhulu: (1)

220, 202, 222 _____

b Write the following numbers from the biggest number to the smallest number:

Bhala la manani alandelayo uqale ngelona likhulu uye kwelona lincinci: (1)

302, 323, 333 _____

PATTERNS

IIPATHENI (4)

4 Complete these patterns:

Grqibezela iipatheni: (2)

a 440, _____, 442, 443, _____, 445.

b 299, _____, _____, 302, 303.

5 Complete these patterns:

Grqibezela iipatheni: (2)

a 260, 270 _____, 290, _____, _____, 320.

b 620, 610, _____, _____, 580, _____, 560.

Written Assessment Lesson 21

Uvavanyo Olubhalwayo Isifundo 21

1 Circle the four coins that will make up 50c.

Biyela iingqekembe ezi-4 ezenza ama-50c.

(1)



2 Write the values on the three notes to make up R30.

Bhala amaxabiso kule mali ingamaphepha wenze ama-R30.

(1)

--	--	--

3 Buhle spent 60c on sweets. Each sweet cost 10c. How many sweets did she buy? You can draw a picture to show your answer.

UBuhle uthenge iilekese ngama-60c. Ilekese nganye ixabisa i-10c. Zingaphi iilekese azithengileyo? Ungazoba umfanekiso ubonise impendulo yakho.

(2)

2 Written assessments

- 4 Jabu buys a toy car for R13,75 and pays with a R20 note. How much change will he get?

UJabu uthenge imoto yokudlala exabisa i-R13, 75 waze wabhatala nge-R20 eyimali eliphepha. Uza kufumana itshintshi yamalini? (2)

- 5 Phindi babysits. She charges R4 per hour for babysitting. Complete this table for her. The first one has been done for you.

UPhindi ujonge umntwana olusana. Ubiza ii-R4 ngeyure xa ejonge umntwana. Menzele le theyibhile. Uyenzelwe eyokuqala. (4)

Number of hours Inani leeyure	1	2	5	8	10
Cost in Rands Ixabiso ngokweerandi	4				

Written Assessment Lesson 27

Uvavanyo Olubhalwayo Isifundo 27

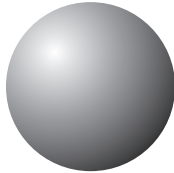
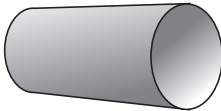
1 Do these shapes roll, slide or roll and slide? Circle the correct answer.

Ingaba ezi milo ziyaqengqeleka, ziyatyibilika okanye ziyaqengqeleka kwaye ziyatyibilika? Biyela impendulo echanekileyo. (3)

	Roll Iyaqengqeleka	Slide Iyatyibilika	Roll and slide Iyaqengqeleka kwaye ityibilike
	Roll Iyaqengqeleka	Slide Iyatyibilika	Roll and slide Iyaqengqeleka kwaye ityibilike
	Roll Iyaqengqeleka	Slide Iyatyibilika	Roll and slide Iyaqengqeleka kwaye ityibilike

2 Circle the correct name of the object.

Biyela igama elichanekileyo. (2)

a 	Prism Iprizim
	Sphere Ingqukumba
b 	Cylinder Isilinda
	Circle Isangqa

2 Written assessments

- 3 Draw two prisms (box shapes) of different size. Circle the smaller one.
Zoba iiprizim ezimbini (iimilo ezibubhokisi) ezinobukhulu obahlukeneyo. **Biyela** encinci. (2)

- 4 Draw two spheres (ball shapes) of different size. Circle the bigger one.
Zoba iingqukumba ezimbini (imilo yebhola) ezinobukhulu obahlukeneyo. **Biyela** enkulu. (2)

Written Assessment Lesson 31

Uvavanyo Olubhalwayo Isifundo 31

- 1 Draw 19 suckers. Share the suckers equally into two groups. (5)

Zoba izitoki ezili-19. Zabele amaqela amabini ngokulinganayo.

- a Are there any suckers left over?

Ingaba zikhona izitoki ezishiyekileyo? _____

- b Fill in the missing numbers:

Fakela amanani ashayiweyo:

_____ shared between _____ is _____.

The remainder is _____.

Inani _____ elahlulelwe amaqela a _____ lenza _____.

Intsalela _____

- 2 Draw a picture of a child standing on top of a chair. (2)
Zoba umfanekiso womntwana omi phezu kwesitulo.

3 3 friends share 6 chocolate bars equally.

Abahlobo aba-3 bahlulelana ngokulinganayo ngeetshokolethi ezi-6. (3)

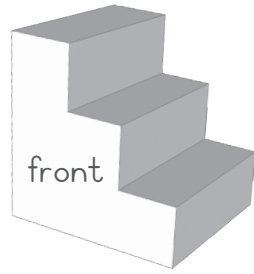
a Draw a picture that shows how they share the chocolate bars.

Zoba umfanekiso ubonise ukuba babelana njani ngezi tshokolethi.

b How many chocolate bars will each friend get?

Uza kufumana amaqhekeza etshokolethi amangaphi umhlobo ngamnye?

- 4 Draw three views of this shape:
 Zoba iimbonakalo ezintathu zale milo:



(3)

Front View Imbonakalo yangaphambili	Top View Imbonakalo yangasentla	Side View Imbonakalo yasecaleni

Written Assessment Lesson 37





Uvavanyo Olubhalwayo Isifundo 37

- 1 Use the pictograph to answer the questions that follow.

Sebenzisa igrafu yemifanekiso ukuze uphendule imibuzo elandelayo: (4)

Weather conditions

Imozulu

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

Key: ● = 1 day

Inkcazo: ● = usuku olu-1

- a How many rainy days were there?
Zingaphi iimini zemvula ebezikho? _____
- b How many sunny days were there?
Zingaphi iimini ezinelanga ebezikho? _____
- c Were there more sunny days or rainy days?
Zeziphi iintsuku ebezininzi, zezinelanga okanye zezinemvula?

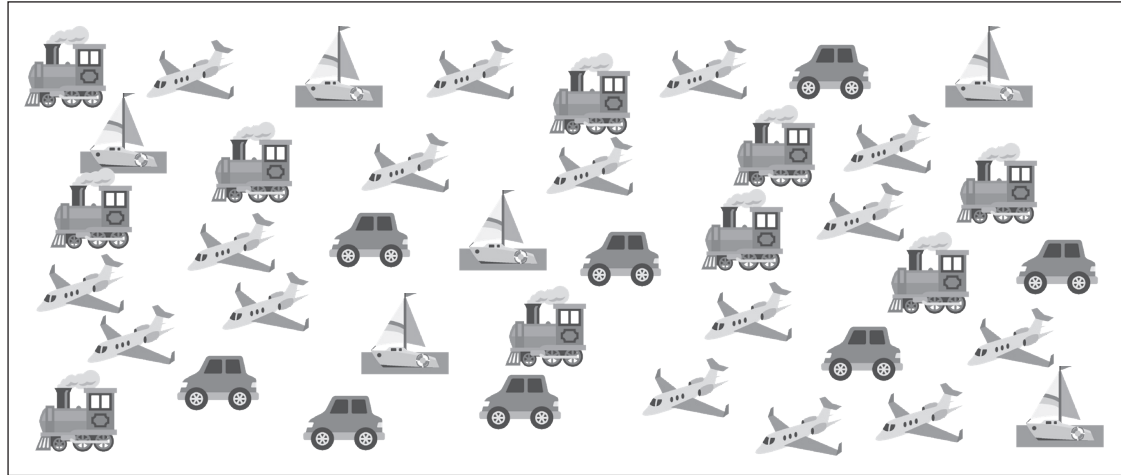
- d Were there more windy days or cloudy days?
Ingaba iintsuku ezininzi ibizezinomoya okanye ezisibekeleyo?

2 Use the information below to complete the pictograph. Use circles to represent the pictures.

Sebenzisa iinkcukacha ezingasezantsi ugqibezele igrafu yemifanekiso.

Sebenzisa izangqa endaweni yemifanekiso.

(4)



Transport pictures/Imifanekiso yezithuthi

16				
15				
14				
13				
12				
11				
10				
9				
8				
7				
6				
5				
4				
3				
2				
1				
	Trains Oololiwe	Ships Iinqanawa	Cars Iimoto	Planes Iinqwelomoya

Key/Inkcazo: _____ = one item/into enye

- 3 Answer the following questions by looking at the information in the pictograph.

Phendula le mibuzo ilandelayo ngokujonga iinkcukacha ezikwigrafu yemifanekiso.

- a Which picture is there the most of?

Yeyiphi eyona mifanekiso mininzi? _____ (1)

- b Are there less cars or ships?

Zeziphi ezimbalwa kukho iimoto okanye iinqanawa?

_____ (1)