

Graad 5 – Boek A

(CAPS uitgawe)
Hersien vir 2023

INHOUD:

Bladsy:

A1. Getalstelsels	3
A2. Plekwaarde	13
A3. Basiese bewerkings	
Optel	35
Aftrek	41
Maal	53
Deel	81
A4. Tyd	109

Aan die kinders: Gebruik altyd 'n rofwerkpapier om somme te toets wat vir jou moeilik is.

Aan die onderwysers: Sekere oefeninge is bedoel vir hoofrekeners (Spoedtoets).

Hierdie boek is opgestel en verwerk deur E. Language in 2012 in samewerking met EJ du Toit.

E-pos: info@abcbooks.co.za

Kopiereg © 2013. Alle kopiereg word voorbehou. Geen deel van hierdie publikasie mag in enige vorm gereproduseer word nie; tensy skriftelike toestemming daarvoor verkry is.

ISBN 978-1-919957-37-1

**Besoek www.abcmathsandscience.co.za vir gratis
aflaibare werkkaarte en vele meer!**

(h) Die eerste 12 telgetalle wat ook onewe getalle is:

--	--	--	--	--	--	--	--	--	--	--	--

(i) Begin by 42 en tel in twee's tot by 60.

--	--	--	--	--	--	--	--	--	--	--

(j) Begin by 145 en tel in vywe tot by 180.

--	--	--	--	--	--	--	--

(k) Begin by 168 en tel in drie's tot by 192:

--	--	--	--	--	--	--	--	--

(l) Begin by 120 en tel in vier's tot 160 by:

--	--	--	--	--	--	--	--	--	--	--

(m) Begin by 260 en tel in sesse tot by 320:

--	--	--	--	--	--	--	--	--	--	--

Oefening 2:

Datum: _____

(1) Skryf die volgende 5 getalle in die patroon neer.

(a)

2 ; 4 ; 6 ; 8 ; 10 ;

--	--	--	--	--

(b)

5 ; 8 ; 11 ; 14 ; 17 ;

--	--	--	--	--

(c)

2 ; 7 ; 12 ; 17 ;

--	--	--	--	--	--

(d)

5 ; 6 ; 8 ; 11 ; 15 ;

--	--	--	--	--

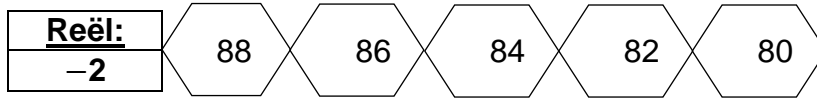
(e)

101 ; 111 ; 121 ;

--	--	--	--	--

Elke patroon het 'n reël:

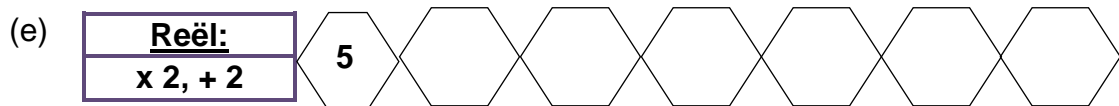
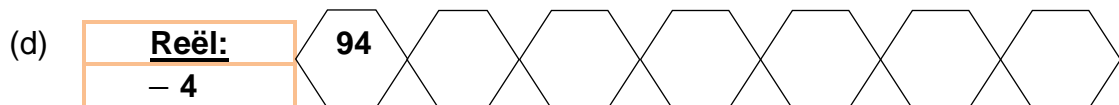
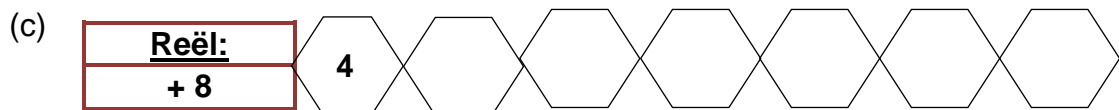
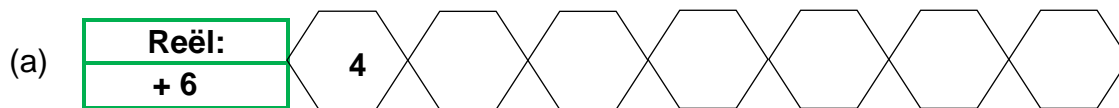
VOORBEELD A:



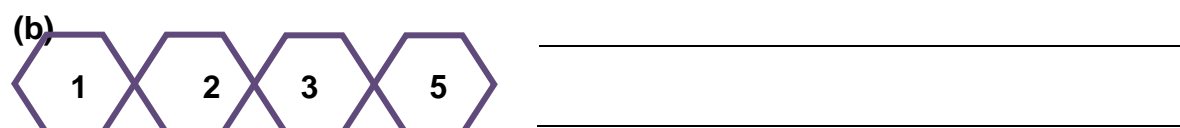
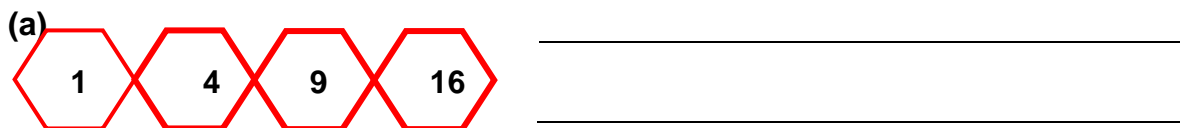
VOORBEELD B:



(2) Gebruik die reëls wat gegee is en voltooi die vorms.



(3) Skryf die reël van die patroon in woorde langsaan neer.



Oefening 3:

Datum: _____

Gebruik die getallekaart om die vrae te beantwoord.

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

(1) Skryf die getalle neer soos gevra. Skryf ook die reël in woorde neer.

(a) Die getalle in die vierde kolom:

--	--	--	--	--	--	--	--	--	--

Reël: _____

(b) Die getalle in die sewende ry:

--	--	--	--	--	--	--	--	--	--

Reël: _____

- | | | | |
|------------------------------------|--|-----------------------------|--|
| (c) 10 meer en 5 minder as 121 is: | | (d) 10 meer as 134 is: | |
| (e) 20 minder en 2 meer as 171 is: | | (f) 40 meer as 120 is: | |
| (g) 7 minder en 7 meer as 122 is: | | (h) $160 + 10 - 5$ is: | |
| (i) $156 + 4 - 8 + 2$ is: | | (j) $177 + 20 - 2$ is: | |
| (k) $167 - 7 + 30$ is: | | (l) $189 - 6 - 4 - 10$ is: | |
| (m) $134 + 20 - 30$ is: | | (n) $179 - 20 - 10 - 5$ is: | |
| (o) $145 + 40 - 13$ is: | | (p) $188 - 25 + 14$ is: | |
| (q) $224 - 4 + 12$ is: | | (r) $876 + 3 - 4$ is: | |

Het jy ontdek?Die kolomme se reël is $+ 10$ en die rye se reël is $+1$

(2) Maak die 'tienes' vol en skryf die antwoord neer.

(a) $11 + 29 - 3 =$ _____ (b) $18 + 2 + 19 =$ _____

(c) $11 + 19 - 1 =$ _____ (d) $5 + 45 - 2 =$ _____

(e) $45 - 5 + 12 =$ _____ (f) $7 + 13 - 6 =$ _____

(g) $14 - 4 + 30 =$ _____ (h) $78 - 8 - 10 =$ _____

(i) $120 - 30 + 15 =$ _____ (j) $110 + 34 - 10 =$ _____

(k) $156 - 6 + 30 =$ _____ (l) $254 - 54 + 6 =$ _____

(m) $657 - \underline{\hspace{2cm}} - 7 = \underline{600}$ (n) $784 - \underline{\hspace{2cm}} = \underline{700}$

*(o) $150 - 50 + \underline{\hspace{2cm}} = \underline{130}$ *(p) $300 + 5 - \underline{\hspace{2cm}} = \underline{299}$

*(q) $345 - 5 + \underline{\hspace{2cm}} = \underline{400}$ *(r) $467 + 13 + \underline{\hspace{2cm}} = \underline{500}$

(3) Skryf die getalle wat weggelaat is neer, asook die reël aan die regterkant.(a) Reël:

136		140	142	144	
-----	--	-----	-----	-----	--

(b)

		20	15		
--	--	----	----	--	--

(c)

	106	113	120		
--	-----	-----	-----	--	--

(d)

124		144	154		
-----	--	-----	-----	--	--

(e)

666	555				
-----	-----	--	--	--	--

(f)

	24	36			
--	----	----	--	--	--

(g)

15			60	75	
----	--	--	----	----	--

Hoofstuk A2

Plekwaarde

A.2.1 Plekwaarde en getalwaarde:

Hierdie tabel stel die eerste 6 plekke links van die komma voor.

HD	TD	D	H	T	E
					1
				1	0
			1	0	0
		1	0	0	0
	1	0	0	0	0
1	0	0	0	0	0
DUISENDE KOLOM			HONDERDE KOLOM		

Onthou:

Dis altyd goed om 'n spasioop te los tussen die honderde en duisende kolom.

Bv. Eenhonderd agt- en-dertig duisend vierhonderd en elf = 138 411

Oefening 1:

Datum: _____

(1) Lees die getalle hardop en skryf dan die getalle in woorde.

(a) 3 548	(b) 12 576	(c) 20 570	(d) 56 413	(e) 120 005
-----------	------------	------------	------------	-------------

(a) _____

(b) _____

(c) _____

(d) _____

(e) _____

(2) Skryf die getalle in syfers.

- (a) Drieduisend eenhonderd agt-en-sewentig
- (b) Sewe-en-twintig duisend negehonderd- en- veertien
- (c) Nege-en-tagtig duisend agthonderd een-en-veertig
- (d) Tienduisend sewehonderd- en- veertig
- (e) Drie-en-dertigduisend agthonderd nege-en-negentig
- (f) Eenhonderd twee-en-veertig duisend- en- ses
- (g) Veertienduisend eenhonderd en twee
- (h) Driehonderd en agtienduisend seshonderd en twaalf
- (i) Vierhonderd ses-en-dertig duisend

→	
→	
→	
→	
→	
→	
→	
→	
→	

(3) Skryf die getalle onderaan.

(a) Elk van die 'X' stel 1 getal(eenheid) voor.

	(i)	(ii)	(iii)																																																																																																		
	<table border="1" style="border-collapse: collapse; width: 100%; text-align: center;"><tr><th style="width: 16.6%;">TD</th><th style="width: 16.6%;">D</th><th style="width: 16.6%;">H</th><th style="width: 16.6%;">T</th><th style="width: 16.6%;">E</th></tr><tr><td>X</td><td></td><td></td><td></td><td></td></tr><tr><td>X</td><td></td><td>X</td><td></td><td></td></tr><tr><td>X</td><td>X</td><td>X</td><td></td><td></td></tr><tr><td>X</td><td>X</td><td>X</td><td></td><td>X</td></tr><tr><td>X</td><td>X</td><td>X</td><td></td><td>X</td></tr></table>	TD	D	H	T	E	X					X		X			X	X	X			X	X	X		X	X	X	X		X	<table border="1" style="border-collapse: collapse; width: 100%; text-align: center;"><tr><th style="width: 16.6%;">TD</th><th style="width: 16.6%;">D</th><th style="width: 16.6%;">H</th><th style="width: 16.6%;">T</th><th style="width: 16.6%;">E</th></tr><tr><td></td><td>X</td><td></td><td></td><td></td></tr><tr><td></td><td>X</td><td></td><td></td><td></td></tr><tr><td>X</td><td>X</td><td></td><td></td><td></td></tr><tr><td>X</td><td>X</td><td>X</td><td>X</td><td></td></tr><tr><td>X</td><td>X</td><td>X</td><td>X</td><td></td></tr></table>	TD	D	H	T	E		X					X				X	X				X	X	X	X		X	X	X	X		<table border="1" style="border-collapse: collapse; width: 100%; text-align: center;"><tr><th style="width: 16.6%;">HD</th><th style="width: 16.6%;">TD</th><th style="width: 16.6%;">D</th><th style="width: 16.6%;">H</th><th style="width: 16.6%;">T</th><th style="width: 16.6%;">E</th></tr><tr><td></td><td></td><td></td><td>X</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td>X</td><td></td><td>X</td></tr><tr><td></td><td></td><td>X</td><td>X</td><td>X</td><td>X</td></tr><tr><td>X</td><td></td><td>X</td><td>X</td><td>X</td><td>X</td></tr><tr><td>X</td><td></td><td>X</td><td>X</td><td>X</td><td>X</td></tr></table>	HD	TD	D	H	T	E				X						X		X			X	X	X	X	X		X	X	X	X	X		X	X	X	X		
TD	D	H	T	E																																																																																																	
X																																																																																																					
X		X																																																																																																			
X	X	X																																																																																																			
X	X	X		X																																																																																																	
X	X	X		X																																																																																																	
TD	D	H	T	E																																																																																																	
	X																																																																																																				
	X																																																																																																				
X	X																																																																																																				
X	X	X	X																																																																																																		
X	X	X	X																																																																																																		
HD	TD	D	H	T	E																																																																																																
			X																																																																																																		
			X		X																																																																																																
		X	X	X	X																																																																																																
X		X	X	X	X																																																																																																
X		X	X	X	X																																																																																																
	<table border="1" style="border-collapse: collapse; width: 100%; height: 20px;"></table>	<table border="1" style="border-collapse: collapse; width: 100%; height: 20px;"></table>	<table border="1" style="border-collapse: collapse; width: 100%; height: 20px;"></table>																																																																																																		

(b) Elk van die 'X' stel 2 eenhede voor.

	(i)	(ii)	(iii)																																																																																		
	<table border="1" style="border-collapse: collapse; width: 100%; text-align: center;"><tr><th style="width: 16.6%;">TD</th><th style="width: 16.6%;">D</th><th style="width: 16.6%;">H</th><th style="width: 16.6%;">T</th><th style="width: 16.6%;">E</th></tr><tr><td>X</td><td></td><td>X</td><td></td><td></td></tr><tr><td>X</td><td></td><td>X</td><td>X</td><td></td></tr><tr><td>X</td><td>X</td><td>X</td><td>X</td><td></td></tr><tr><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr></table>	TD	D	H	T	E	X		X			X		X	X		X	X	X	X		X	X	X	X	X	<table border="1" style="border-collapse: collapse; width: 100%; text-align: center;"><tr><th style="width: 16.6%;">TD</th><th style="width: 16.6%;">D</th><th style="width: 16.6%;">H</th><th style="width: 16.6%;">T</th><th style="width: 16.6%;">E</th></tr><tr><td></td><td>X</td><td></td><td></td><td></td></tr><tr><td></td><td>X</td><td></td><td></td><td></td></tr><tr><td>X</td><td>X</td><td>X</td><td>X</td><td></td></tr><tr><td>X</td><td>X</td><td>X</td><td>X</td><td></td></tr></table>	TD	D	H	T	E		X					X				X	X	X	X		X	X	X	X		<table border="1" style="border-collapse: collapse; width: 100%; text-align: center;"><tr><th style="width: 16.6%;">HD</th><th style="width: 16.6%;">TD</th><th style="width: 16.6%;">D</th><th style="width: 16.6%;">H</th><th style="width: 16.6%;">T</th><th style="width: 16.6%;">E</th></tr><tr><td></td><td></td><td></td><td>X</td><td></td><td></td></tr><tr><td></td><td></td><td>X</td><td>X</td><td>X</td><td>X</td></tr><tr><td>X</td><td></td><td>X</td><td>X</td><td>X</td><td>X</td></tr><tr><td>X</td><td></td><td>X</td><td>X</td><td>X</td><td>X</td></tr></table>	HD	TD	D	H	T	E				X					X	X	X	X	X		X	X	X	X	X		X	X	X	X		
TD	D	H	T	E																																																																																	
X		X																																																																																			
X		X	X																																																																																		
X	X	X	X																																																																																		
X	X	X	X	X																																																																																	
TD	D	H	T	E																																																																																	
	X																																																																																				
	X																																																																																				
X	X	X	X																																																																																		
X	X	X	X																																																																																		
HD	TD	D	H	T	E																																																																																
			X																																																																																		
		X	X	X	X																																																																																
X		X	X	X	X																																																																																
X		X	X	X	X																																																																																
	<table border="1" style="border-collapse: collapse; width: 100%; height: 20px;"></table>	<table border="1" style="border-collapse: collapse; width: 100%; height: 20px;"></table>	<table border="1" style="border-collapse: collapse; width: 100%; height: 20px;"></table>																																																																																		

Oefening 2:

Datum: _____

(1) Skryf in uitgebreide notasie.**Voorbeeld: $34\ 189 = 30\ 000 + 4\ 000 + 100 + 80 + 9$**

(a) $7\ 921 =$ _____

(b) $7\ 021 =$ _____

(c) $100\ 892 =$ _____

(d) $100\ 001 =$ _____

(e) $909\ 009 =$ _____

(f) $2\ 000\ 111 =$ _____

ONTHOU:**1T = 1 X 10 1H = 1 X 100 1D = 1 X 1 000 1TD = 1 X 10 000 1HD = 1 X 100 000****(2) Vul die ontbrekende getalle in.**

(a) $3\ 478 = (3 \times 1\ 000) + (4 \times 100) + (7 \times \underline{\hspace{2cm}}) + (8 \times \underline{\hspace{2cm}})$

(b) $6\ 510 = (6 \times \underline{\hspace{2cm}}) + (5 \times \underline{\hspace{2cm}}) + (1 \times 10)$

(c) $12\ 600 = (1 \times \underline{\hspace{2cm}}) + (2 \times \underline{\hspace{2cm}}) + (6 \times \underline{\hspace{2cm}})$

(d) $11\ 780 = (1 \times \underline{\hspace{2cm}}) + (1 \times \underline{\hspace{2cm}}) + (78 \times 10)$

(e) $5\ 104 = (5 \times \underline{\hspace{2cm}}) + (1 \times \underline{\hspace{2cm}}) + (4 \times \underline{\hspace{2cm}})$

(3) Voltooi die somme.

(a) $23\ 478 = (23 \times 1\ 000) + (47 \times 10) + (8 \times 1)$

(b) $30\ 560 = (3 \times 10\ 000) + (56 \times \underline{\hspace{2cm}})$

(c) $45\ 678 = (45 \times \underline{\hspace{2cm}}) + (6 \times \underline{\hspace{2cm}}) + (78 \times 1)$

(d) $311\ 780 = (311 \times \underline{\hspace{2cm}}) + (78 \times \underline{\hspace{2cm}})$

(e) $12\ 346 = (12 \times \underline{\hspace{2cm}}) + (34 \times \underline{\hspace{2cm}}) + (6 \times 1)$

(f) $23\ 400 = (2 \times \underline{\hspace{2cm}}) + (34 \times \underline{\hspace{2cm}})$

(g) $45\ 721 = (45 \times \underline{\hspace{2cm}}) + (72 \times \underline{\hspace{2cm}}) + (1 \times 1)$

(h) $14\ 500 = (145 \times \underline{\hspace{2cm}})$

(i) $76\ 940 = (7\ 694 \times \underline{\hspace{2cm}})$

(j) $67\ 352 = (673 \times \underline{\hspace{2cm}}) + (52 \times \underline{\hspace{2cm}})$

Oefening 3:

Datum: _____

(1) Nog plekwaarde om te oefen.**(a) Skryf die volgende getalle neer:**

(i) 14 ene = _____	(ii) 34 tiene = _____
(iii) 20 tiene = _____	(iv) 51 honderde = _____
(v) 80 honderde = _____	(vi) 43 duisende = _____
(vii) 21 tienduisende = _____	(viii) 10 duisende = _____
(ix) 5 honderdduisende = _____	(x) 65 duisende = _____
(xi) 120 honderde = _____	(xii) 30 tienduisende = _____
(xiii) 140 ene = _____	(xiv) 1 honderdduisend = _____
(xv) 23 honderde = _____	(xvi) 2 x 45 tiene = _____
(xvii) 4 x 25 tiene = _____	(xviii) 10 keer 10 tiene = _____

(b) Skryf die regte getalle neer.

(i) 10 T = _____	(ii) 14 D = _____
(iii) 10 TD = _____	(iv) 80 D = _____
(v) 2 H + 6T = _____	(vi) 13 T + 24D + 2 E = _____
(vii) 2 TD + 3 H = _____	(viii) 41 T = _____
(ix) 12 D = _____	(x) 12 TD = _____
(xi) 162 H = _____	(xii) 7 H + 3 T + 24 E = _____
(xiii) 23 H + 34 D = _____	(xiv) 12 T + 32 H = _____
= _____	= _____
= _____	= _____
(xv) 12 D + 120 H = _____	(xvi) 34 D + 45 T + 2 H = _____
= _____	= _____
= _____	= _____

