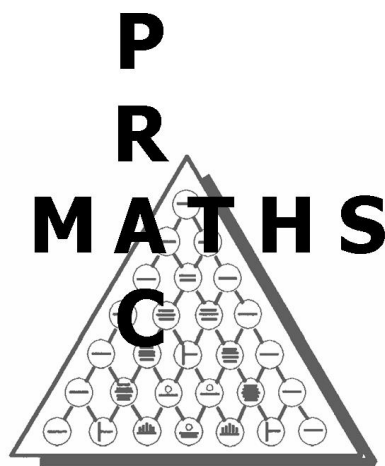


Gr 3

Supplementary Maths Aanvullende Wiskunde



ANSWERS ANTWOORDE

Set by / Opgestel deur
Seeliger ~ Mouton

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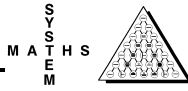




ANSWERS / ANTWOORDE						Prac 6						4. 23 26 36 62 64	
A						1. 8 10 14						5. 78 79 87 89 98	
Mental Maths / Hoofrekene						2. 10 15 25						Prac 12	
Prac 1						3. 18 16 14						1. is smaller than / is kleiner as	
1. 3			6. 8			4. 12 10 9						2. is bigger than / is groter as	
2. 5			7. 7			5. 20 22 26						3. is bigger than / is groter as	
3. 2			8. 9			6. 34 40 42						4. is bigger than / is groter as	
4. 4			9. 10			7. 52 48 44						5. is smaller than / is kleiner as	
5. 1			10. 6			8. 15 18 21						Prac 13	
Prac 2						9. 50 55 70						1. is bigger than / is groter as	
1. 6			6. 11			10. 60 55 45						2. is bigger than / is groter as	
2. 9			7. 15			Prac 7						3. is smaller than / is kleiner as	
3. 12			8. 18			1. 38 40 41						4. is smaller than / is kleiner as	
4. 7			9. 19			2. 70 69 67						5. is bigger than / is groter as	
5. 16			10. 17			3. 58 62 64						Prac 14	
Prac 3						4. 78 76 74						1. 2 9	
1. 3			6. 12			5. 33 39 42						12 18	
2. 6			7. 15			6. 87 84 78						2. 13	
3. 2			8. 19			7. 44 52 60						3. 17	
4. 7			9. 11			8. 76 68 64						4. 11	
5. 10			10. 18			9. 35 50 55						5. 6	
Prac 4						10. 55 50 45						Prac 15	
1. 3 4 6 8 9						Prac 8						1. 4 18	
2. 1 3 5 6 8 9						1. 9 7 6 5 3						24 36	
3. 9 11 13 14 16						2. 15 13 12 10 8						2. 25	
4. 18 20 21 23 25						3. 57 47 37 27 17						3. 35	
5. 2 6 12 14 18						4. 63 54 46 45 36						4. 22	
6. 5 9 13 19						5. 51 41 16 14 11						5. 12	
7. 6 12 18 24 27						Prac 9						Prac 16	
8. 21 27 33 39 42						1. 74 63 47 46 36						1. 11; 12	
9. 8 16 20 28 32						2. 40 39 20 19 9						2. 19; 20	
10. 44 52 60 68 72						3. 66 55 33 22 11						3. 15; 16	
Prac 5						4. 64 62 54 45 26						4. 1; 0	
1. 1 2 5 6 7						5. 87 78 75 58 57						Prac 17	
2. 7 9 11 13						Prac 10						1. 9; 11	
3. 9 10 12 13 15						1. 2 4 5 7 8						2. 18; 20	
4. 11 12 14 16 17 19						2. 6 8 9 13 14						3. 30; 28	
5. 24 26 28 29 31						3. 3 6 9 11 13 15						4. 11; 9	
6. 35 45 60 70						4. 19 23 26 29 32 34						5. 59; 57	
7. 77 79 80 82 83						5. 16 27 45 54 61 72						Prac 18	
8. 70 75 85 100 105						Prac 11						1. 24; 27	
9. 132 136 144 156 160						1. 13 19 31 39 93						2. 30; 33	
10. 162 165 168 174 180						2. 24 27 42 47 72						3. 39; 36	
Prac 6						3. 25 28 52 58 85						4. 48; 45	
Prac 7						Prac 12						Prac 19	
1. 13 19 31 39 93						1. 35; 40						2. 65; 70	
2. 24 27 42 47 72						2. 55; 50						4. 30; 25	
3. 25 28 52 58 85						3. 80; 75							



Prac 20				Prac 34	Prac 35	Prac 36	Prac 37	Prac 50	Prac 51	Prac 52	Prac 53
1. 28; 32	2. 52; 56			2	7	6	6	4	2	1	3
3. 68; 64	4. 24; 20			12	17	36	26	4	2	11	53
5. 56; 52				4	8	8	8	4	2	1	5
Prac 21				14	18	58	48	4	2	21	25
1. 50; 60	2. 60; 50			5	9	10	10	4	2	4	55
3. 35; 40	4. 54; 51			15	19	30	60	5	2	34	1
5. 84; 84				10	10	12	12	5	2	74	81
Prac 22				40	30	22	42	5	2	2	2
1. 7	2. 38	3. 50	4. 75	11	11	13	13	5	2	42	62
5. 54	6. 83	7. 26	8. 69	61	51	73	83	5	2	62	92
Prac 23				Prac 38	Prac 39	Prac 40	Prac 41	Prac 54	Prac 55	Prac 56	Prac 57
1. 9	2. 47	3. 63	4. 74	12	25	28	23	5	34	28	30
5. 38	6. 86	7. 92	8. 55	42	43	38	43	4	44	48	40
Prac 24				14	38	49	63	5	64	68	50
1. 10	2. 36	3. 57	4. 79	24	62	58	84	3	12	18	60
5. 43	6. 70	7. 88	8. 31	15	77	67	36	2	22	38	10
Prac 25				35	59	20	71	2	52	58	20
1. 12	2. 33	3. 47	4. 81	17	45	79	51	3	23	32	60
5. 76	6. 20	7. 59	8. 48	77	81	89	96	1	63	52	30
Prac 26	Prac 27	Prac 28	Prac 29	19	100	49	62	3	41	62	30
3	4	5	6	99	94	99	35	3	81	82	30
4	5	6	7	Prac 42	Prac 43	Prac 44	Prac 45	Prac 58			
5	6	7	8	0	0	0	0	1. 10	2. 75	3. 37	4. 46
6	7	8	9	1	1	1	1	5. 59	6. 68	7. 21	8. 84
7	8	9	10	2	2	2	2	Prac 59			
8	9	10	11	3	3	3	3	1. 30	2. 16	3. 61	4. 43
9	10	11	12	4	4	4	4	5. 54	6. 72	7. 25	8. 79
10	11	12	13	5	5	5	5	Prac 60			
Prac 30	Prac 31	Prac 32	Prac 33	6	6	6	6	1. 14	2. 39	3. 42	4. 33
7	5	9	7	7	7	7	6	5. 77	6. 86	7. 68	8. 95
9	8	8	10	8	8	7	5	Prac 61			
11	13	8	10	9	8	6	4	1. 6	2. 51	3. 37	4. 64
7	7	9	8	Prac 46	Prac 47	Prac 48	Prac 49	5. 75	6. 48	7. 83	8. 29
11	12	13	14	0	0	1	3	Prac 62			
15	14	13	12	1	1	1	3	1. 48	2. 39	3. 30	4. 57
15	14	13	12	2	2	1	3	5. 70	6. 61	7. 82	8. 93
10	11	12	13	3	3	1	3	Prac 63			
11	12	13	14	4	0	1	3	1. 30	2. 44	3. 62	4. 13
10	11	12	13	5	1	1	7	5. 17	6. 66	7. 48	8. 39
Prac 34	Prac 35	Prac 36	Prac 37	1	2	1	6	Prac 64			
2	7	6	6	2	0	1	6	1. 17	2. 35	3. 28	4. 46
12	17	36	26	3	1	1	6	5. 60	6. 71	7. 42	8. 83
4	8	8	8	4	0	1	6				
14	18	58	48								
5	9	10	10								
15	19	30	60								
10	10	12	12								
40	30	22	42								
11	11	13	13								
61	51	73	83								



Prac 65 1. 24 2. 55 3. 72 4. 63 5. 36 6. 29 7. 78 8. 87				Prac 78 32 54 36 58 38 64 46 68 50 74				4. $4 + 4 + 4 + 4 + 4 = 5 \times 4 = 20$ 5. $4 + 4 + 4 + 4 + 4 + 4 = 6 \times 4 = 24$			
Prac 66 1. 9 2. 20 3. 28 4. 51 5. 24 6. 62 7. 85 8. 93				Prac 79 1. 6 which means/wat beteken $3 \times 2 = 6$ 2. 15 which means/wat beteken $3 \times 5 = 15$ 3. 8 which means/wat beteken $4 \times 2 = 8$ 4. 20 which means/wat beteken $4 \times 5 = 20$ 5. 25 which means/wat beteken $5 \times 5 = 25$				Prac 85 1. 10; 14; 16; 18; 2. 15; 21; 24; 27; 3. 25; 35; 40; 45; 4. 20; 28; 32; 36; 5. 50; 70; 80; 90;			
Prac 67 1. 3 2. 11 3. 40 4. 54 5. 26 6. 65 7. 47 8. 88				Prac 80 1. 9 which means/wat beteken $3 \times 3 = 9$ 2. 12 which means/wat beteken $4 \times 3 = 12$ 3. 12 which means/wat beteken $3 \times 4 = 12$ 4. 16 which means/wat beteken $4 \times 4 = 16$ 5. 15 which means/wat beteken $5 \times 3 = 15$				Prac 86 1. 2 4 6 8 10 12 2. 3 6 9 12 15 18 3. 5 10 15 20 25 30 4. 4 8 12 16 20 24 5. 10 20 30 40 50 60			
Prac 68 1. 11 2. 43 3. 64 4. 75 5. 36 6. 82 7. 98 8. 57				Prac 81 1. $4 + 4 + 4 + 4 + 4 + 4 = 24$ 2. $2 + 2 + 2 + 2 + 2 + 2 + 2 = 14$ 3. $3 + 3 + 3 + 3 + 3 = 15$ 4. $5 + 5 + 5 + 5 + 5 + 5 + 5 = 35$ 5. $3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 = 24$				Prac 87 1. 12 14 16 18 20 2. 18 21 24 27 30 3. 30 35 40 45 50 4. 24 28 32 36 40 5. 60 70 80 90 100			
Prac 69 1. 11 2. 57 3. 28 4. 64 5. 50 6. 86 7. 75 8. 39				Prac 82 1. 2 times 2 $= 2 \times 2 = 4$ 2. 2 times 4 $= 2 \times 4 = 8$ 3. 3 times 2 $= 3 \times 2 = 6$ 4. 3 times 4 $= 3 \times 4 = 12$ 5. 3 times 5 $= 3 \times 5 = 15$				Prac 88 Prac 89 Prac 90 Prac 91 2 4 5 10 4 8 10 20 6 16 15 40 8 6 20 15 10 12 25 30 12 2 30 5 14 18 35 45 16 14 40 35 18 20 45 50 20 10 50 25			
Prac 70 4 3 4 4 5 3 3 1	Prac 71 2 4 5 7 5 6 8 9	Prac 72 4 6 8 11 2 5 7 8	Prac 73 6 8 5 3 9 9 7 8	Prac 83 1. $2 + 2 + 2 + 2 = 4 \times 2 = 8$ 2. $2 + 2 + 2 + 2 + 2 + 2 = 6 \times 2 = 12$ 3. $5 + 5 = 2 \times 5 = 10$ 4. $5 + 5 + 5 + 5 = 4 \times 5 = 20$ 5. $5 + 5 + 5 + 5 + 5 + 5 = 6 \times 5 = 30$				Prac 92 Prac 93 Prac 94 Prac 95 3 6 4 8 6 12 8 16 9 24 12 32 12 9 16 12 15 18 20 24 18 3 24 4 21 27 28 36 24 21 32 28 27 30 36 40 30 15 40 20			
Prac 74 1. 10 2. 20 3. 20 4. 30 5. 40 6. 70 7. 90 8. 90 9. 50 10. 80				Prac 84 1. $3 + 3 = 2 \times 3 = 6$ 2. $3 + 3 + 3 + 3 + 3 = 5 \times 3 = 15$ 3. $4 + 4 = 2 \times 4 = 8$							
Prac 75 1. 110 2. 120 3. 150 4. 180 5. 210 6. 250 7. 310 8. 440 9. 580 10. 780											
Prac 76 2 12 4 14 6 16 8 18 10 20											
Prac 77 22 40 24 60 26 80 28 100 30 120											



Prac 96		Prac 97		Prac 98		Prac 106		Prac 107		Prac 108		Prac 109		Prac 118		Prac 119		Prac 120	
15		6		8		1		1		1		1		1 r 0		9 r 1		10 r 1	
25		12		12		2		2		2		2		1 r 1		6 r 1		7 r 3	
35		18		24		3		3		3		3		1 r 2		4 r 3		6 r 1	
45		24		36		4		4		4		4		1 r 3		3 r 4		10 r 2	
Prac 99		Prac 100		Prac 101		Prac 102		5		5		5		1 r 4		11 r 1		6 r 2	
1		20		12		20		6		6		6		2 r 1		7 r 2		8 r 1	
4		45		20		50		7		7		7		2 r 2		5 r 3		6 r 3	
9		18		15		80		8		8		8		2 r 3		4 r 3		11 r 1	
16		28		12		40		9		9		9		2 r 4		8 r 2		8 r 2	
25		40		27		60		10		10		10		3 r 1		6 r 2		6 r 4	
2		12		28		30		Prac 110		Prac 111		Prac 112		Prac 113		Prac 121			
8		14		40		70		6		6		5		2		1. 124 125 142 152			
18		6		6		90		3		3		2		4		2. 137 237 337 537			
32		20		18		10		1		7		4		8		3. 415 425 465 475			
50		0		30		100		7		4		8		3		4. 346 364 436 463			
Prac 103								5		1		3		6		Prac 122			
1.		14		means half of beteken helfte van		14 = 7		3		8		6		1		1. 109 107 103 102			
2.		18		means half of beteken helfte van		18 = 9		9		2		1		10		2. 355 345 325 315			
3.		24		means half of beteken helfte van		24 = 12		2		5		9		5		3. 472 427 274 247			
4.		28		means half of beteken helfte van		28 = 14		8		10		10		7		4. 382 328 283 238			
5.		38		means half of beteken helfte van		38 = 19		10		9		7		9		Prac 123			
6.		46		means half of beteken helfte van		46 = 23		Prac 114								1. is greater than / is groter as			
7.		50		means half of beteken helfte van		50 = 25		1. 2 4 6 8 10								2. is smaller than / is kleiner as			
8.		74		means half of beteken helfte van		74 = 37		2. 1 3 5 7 9 11								3. is smaller than / is kleiner as			
Prac 104								3. 22 24 26 28								4. is greater than / is groter as			
4		18		4. 31 33 35 37 39								5. is smaller than / is kleiner as							
7		20		5. 57 59 61 63 65								6. is greater than / is groter as							
11		22		Prac 115		Prac 116		Prac 117		Prac 124									
14		23		3 r 0		2 r 0		2 r 0		1. 125 127 129 131									
15		25		3 r 1		2 r 1		2 r 1		2. 172 174 178 180									
Prac 105								4 r 1		2 r 2		2 r 2		3. 240 246 255 258					
1.		6 means/beteken		6÷2 = 3 & 6÷3 = 2		5 r 1		3 r 1		2 r 3		4. 360 375 380 385							
2.		8 means/beteken		8÷2 = 4 & 8÷4 = 2		7 r 1		3 r 2		3 r 1		5. 416 420 432 440							
3.		10 means/beteken		10÷2 = 5 & 10÷5 = 2		8 r 1		4 r 1		3 r 2		Prac 125							
4.		12 means/beteken		12÷3 = 4 & 12÷4 = 3		9 r 1		4 r 2		3 r 3		1. 126 127							
5.		15 means/beteken		15÷3 = 5 & 15÷5 = 3		10 r 1		5 r 1		4 r 1		2. 240 242							
								3. 162 165								4. 360 365			
								4. 360 365								5. 472 476			
								5. 472 476											



Prac 126				Prac 140	Prac 141	Prac 142	Prac 148	
1. 700 800				28	39	17	1. 13 22	2. 32 25
2. 300 302				29	47	28	19 28	44 37
3. 402 405				27	66	39	31 40	57 50
4. 475 480				27	55	56	48 57	65 58
5. 500 510				29	88	79	82 91	86 79
Prac 127				28	99	82	Prac 149	
1. 300 298				29	77	52	1. 41 50	2. 29 21
2. 399 396				28	65	73	53 62	37 29
3. 248 244				29	59	31	62 71	46 38
4. 345 340				26	98	42	71 80	55 47
5. 430 420				Prac 143			82 91	72 64
Prac 128	Prac 129	Prac 130	Prac 131	1. 28 33 38 43	Prac 150			
20	20	20	20	2. 44 51 58 65	1. 535 536	2. 460 462		
21	21	21	21	3. 66 74 82 90	3. 381 384	4. 640 645		
20	22	22	22	4. 82 88 94 100	5. 652 656			
21	23	24	23	5. 71 80 89 98	Prac 151			
22	24	26	24	Prac 144				
20	20	20	25	1. 49 44 39 34	1. 200 220	2. 650 700		
21	22	23	26	2. 39 33 27 21	3. 700 800	4. 675 700		
22	24	25	27	3. 59 51 43 35	5. 780 800			
23	25	27	28	4. 64 55 46 37	Prac 152			
Prac 132				5. 85 78 71 64	1. 600 610	2. 680 700		
29	22	32	170	Prac 145				
50	43	44	174	1. 53 61 66 75	3. 900 950	4. 825 850		
61	64	65	160	2. 61 67 72 79	5. 500 525			
82	32	86	167	3. 73 80 89 95	Prac 153			
39	54	97	290	4. 43 49 57 66	1. 680 679	2. 570 568		
60	75	24	296	5. 79 88 96 102	3. 459 456	4. 368 364		
71	33	55	290	Prac 146				
82	54	76	298	1. 47 40 31 27	5. 375 370			
93	74	97	390	2. 58 53 47 39	Prac 154			
104	94	108	397	3. 44 36 30 23	1. 610 600	2. 650 600		
Prac 136				4. 62 54 47 41	3. 500 400	4. 740 720		
180	210	340	190	5. 82 75 71 63	5. 725 700			
188	214	349	690	Prac 147				
280	220	570	330	1. 48 41 37 43	Prac 155			
285	223	575	334	2. 49 55 63 54	1. 600 580	2. 700 690		
380	330	610	360	3. 83 73 80 74	3. 800 750	4. 875 850		
381	338	617	367	4. 59 66 72 68	5. 600 500			
570	410	700	640	5. 97 77 84 92	Prac 156			
576	412	703	649	Prac 148				
490	520	400	850	1. 81 141	138 141	141		
499	525	404	858	2. 242 272 472	435 465 472	472		
				3. 357 397 697				
				649 689 697				
				697				



<p>Prac 157</p> <p>1. 77 27 34 27 27</p> <p>2. 157 87 95 87 87</p> <p>3. 421 331 131 228 138 131 131</p>	<p>2.</p> <p>a) 9 60 $45 + 24 = 69$</p> <p>b) 9 90 $56 + 43 = 99$</p> <p>c) 13 76 $78 + 11 = 89$</p>	<p>4.</p> <table border="1"> <tr> <td>a) 186</td> <td>b) 214</td> </tr> <tr> <td>c) 104</td> <td>d) 376</td> </tr> </table>	a) 186	b) 214	c) 104	d) 376											
a) 186	b) 214																
c) 104	d) 376																
<p>Prac 158</p> <p>1. 6 15 2. 12 3 12 21 16 7 15 24 24 15 21 30 32 23 27 36 36 27</p>	<p>3.</p> <p>a) 200 ; 210 ; 220 b) 360 ; 365 ; 370 c) 300 ; 302 ; 304</p>	<p>HW 5</p> <p>1.</p> <p>a) $380 + 300 \approx 680$ b) $470 + 130 \approx 600$ c) $300 + 530 \approx 830$</p>															
<p>Prac 159</p> <p>1. 3 11 2. 3 15 4 12 4 20 5 13 6 30 7 15 7 35 9 17 9 45</p>	<p>4.</p> <p>a) 5 15 25 30 b) 16 24 28 36 c) 122 124 128 132 136 d) 71 171 371 671 771</p>	<p>2.</p> <table border="1"> <tr> <td>a) 39</td> <td>b) 80</td> </tr> <tr> <td>c) 100</td> <td>d) 320</td> </tr> </table> <p>3.</p> <p>a) $468 + 200 \rightarrow 668 + 30 \rightarrow 698 + 2 \rightarrow 700$ or $468 + 2 \rightarrow 470 + 30 \rightarrow 500 + 200 \rightarrow 700$</p> <p>b) $529 + 300 \rightarrow 829 + 90 \rightarrow 919 + 4 \rightarrow 923$ or $529 + 4 \rightarrow 533 + 90 \rightarrow 623 + 300 \rightarrow 923$</p>	a) 39	b) 80	c) 100	d) 320											
a) 39	b) 80																
c) 100	d) 320																
<p>Prac 160</p> <p>1. 7 14 2. 13 6 11 22 19 12 14 28 25 18 20 40 34 27 38 76 40 33</p>	<p>HW 3</p> <p>1.</p> <p>a) 176 , 167 , 143 , 134 b) 277 , 276 , 267 , 266 c) 655 , 566 , 565 , 556</p>	<p>4.</p> <table border="1"> <tr> <td>a) 27 + 15 42</td> <td>b) 18 + 23 41</td> </tr> <tr> <td>c) 16 + 28 + 24 40 + 28 68</td> <td>d) 26 + 15 41</td> </tr> </table>	a) 27 + 15 42	b) 18 + 23 41	c) 16 + 28 + 24 40 + 28 68	d) 26 + 15 41											
a) 27 + 15 42	b) 18 + 23 41																
c) 16 + 28 + 24 40 + 28 68	d) 26 + 15 41																
<p>B</p>	<p>2.</p> <p>a) 164 16 1 b) 458 45 4</p>	<p>HW 6</p> <p>1.</p> <p>a) 32 ; 30 ; 28 b) 40 ; 35 ; 30 c) 60 ; 50 ; 40</p>															
<p>Homework or Revision / Huiswerk of Hersiening</p>	<p>3.</p> <p>a) 190 ; 200 ; 210 b) 300 ; 320 ; 340 c) 300 ; 350 ; 400 d) 200 ; 225 ; 250</p>	<p>2.</p> <table border="1"> <tr> <td>a) 5 20 $49 - 24 = 25$</td> <td>b) 3 30 $78 - 45 = 33$</td> </tr> </table>	a) 5 20 $49 - 24 = 25$	b) 3 30 $78 - 45 = 33$													
a) 5 20 $49 - 24 = 25$	b) 3 30 $78 - 45 = 33$																
<p>HW1</p> <p>1.</p> <table border="1"> <tr> <td>a) 14</td> <td>b) 29</td> </tr> <tr> <td>c) 65</td> <td>d) 78</td> </tr> </table>	a) 14	b) 29	c) 65	d) 78	<p>4.</p> <p>a) 15 20 30 40 b) 125 225 275 325 c) 25 75 125 175</p>	<p>3.</p> <p>a) $36 + 23 = 30 + 6 + 20 + 3 = 50 + 9 = 59$ b) $13 + 26 = 10 + 3 + 20 + 6 = 30 + 9 = 39$ c) $75 + 75 + 25$ 75 + 100 175</p>											
a) 14	b) 29																
c) 65	d) 78																
<p>2.</p> <p>a) 30 ; 32 ; 34 ; 36 b) 40 ; 50 ; 60 ; 70 c) 50 ; 55 ; 60 ; 65 d) 136 ; 138 ; 140 ; 142 e) 200 ; 205 ; 210 ; 215</p>	<p>HW 4</p> <p>1.</p> <p>a) 346 ; 348 b) 355 ; 360 c) 400 ; 420 d) 450 ; 500 e) 375 ; 400</p>	<p>HW 7</p> <p>1.</p> <p>a) 130 110 90 b) 120 110 105 c) 320 280 260 d) 558 556 554 e) 100 50 25</p>															
<p>3.</p> <table border="1"> <tr> <td>a) 3</td> <td>b) 5</td> <td>c) 8</td> </tr> <tr> <td>4</td> <td>5</td> <td>7</td> </tr> <tr> <td>6</td> <td>3</td> <td>7</td> </tr> </table>	a) 3	b) 5	c) 8	4	5	7	6	3	7	<p>2.</p> <p>a) 5 9 9 599 b) 9 9 9 999 c) 7 2 15 735</p>	<p>2.</p> <table border="1"> <tr> <td>a) +</td> <td>b) - -</td> <td>c) - +</td> </tr> <tr> <td>d) -</td> <td>e) + -</td> <td>f) - +</td> </tr> </table>	a) +	b) - -	c) - +	d) -	e) + -	f) - +
a) 3	b) 5	c) 8															
4	5	7															
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a) +	b) - -	c) - +															
d) -	e) + -	f) - +															
<p>HW2</p> <p>1.</p> <p>a) 5 9 59 b) 7 7 77 c) 9 8 89</p>	<p>3.</p> <table border="1"> <tr> <td>11</td> <td>17</td> </tr> <tr> <td>110</td> <td>130</td> </tr> <tr> <td>800</td> <td>700</td> </tr> <tr> <td>$567 + 345 = 921$</td> <td>$478 + 369 = 847$</td> </tr> </table>	11	17	110	130	800	700	$567 + 345 = 921$	$478 + 369 = 847$								
11	17																
110	130																
800	700																
$567 + 345 = 921$	$478 + 369 = 847$																



3.
a) $58 + 77$
 $= 50 + 8 + 70 + 7$
 $= 120 + 15$
 $= 135$
 or/of $8 + 7 = 15$
 and/en $50 + 70 = 120$
 means/beteken $58 + 77 = 135$
 or/of $58 + 7 \rightarrow 65 + 70 \rightarrow 135$
 b) $267 + 358$
 $= 200 + 60 + 7 + 300 + 50 + 8$
 $= 500 + 110 + 15$
 $= 625$
 or/of $7 + 8 = 15$
 and/en $60 + 50 = 110$
 and/en $200 + 300 = 500$
 means/beteken $267 + 358 = 625$

4.
a) $350 - 200 \approx 150$
 b) $800 - 400 \approx 400$
 c) $620 - 320 \approx 300$

HW 8
 1.
a) $269 + 185$
 $= 200 + 60 + 9 + 100 + 80 + 5$
 $= 300 + 140 + 14$
 $= 300 + 154$
 $= 454$
 b) $439 - 126$
 $= 400 + 30 + 9 - 100 - 20 - 6$
 $= 300 + 10 + 3$
 $= 313$
 c) $478 - 259$
 $= 400 + 60 + 18 - 200 - 50 - 9$
 $= 200 + 10 + 9$
 $= 219$

2.
a) $80 - 55 = 25$
 b) $445 - 205 = 240$
 c) $234 - 135 = 99$

3.
a) $40 - 27 = 13$
 b) $80 - 65 = 15$

4.
a) $65 - 65 = 0$
 b) $36 - 18 = 18$
 c) $53 - 3 = 18$

HW 9
 1.
a) 31 22 18
 b) 160 135 110
 c) 269 250 231

2.
 $327 - 148$
 $= 300 + 20 + 7 - 100 - 40 - 8$
 $= 200 + 110 + 17 - 100 - 40 - 8$
 $= 100 + 70 + 9$
 $= 179$
 or/of $17 - 8 = 9$
 and/en $110 - 40 = 70$
 and/en $200 - 100 = 100$
 means/beteken $327 - 148 = 179$

3.
 a) No. of stamps / Aantal seëls
 $= 71 - 18 - 14$
 $= 53 - 14$
 $= 39$
 or/of
 No. of stamps / Aantal seëls
 $= 71 - (18 + 14)$
 $= 71 - 32$
 $= 30 + 9$
 $= 39$
 b) No. of loaves / Aantal brode
 $= 240 - 65 - 99$
 $= 141 - 65$
 $= 130 + 11 - 60 - 5$
 $= 70 + 6$
 $= 76$
 or/of
 No. of loaves / Aantal brode
 $= 240 - (65 + 99)$
 $= 240 - 164$
 $= 100 + 140 - 100 - 60 - 4$
 $= 80 + 4$
 $= 76$

HW 10
 1.
 a) A C D
 b) D
 c) A D
 d) C
 e) D

2.
 Rectangular prism / Reghoekige prisma
 Cone / Kegel
 Sphere / Sfeer
 Cylinder / Silinder

3.

 0 1 1

HW 11
 1.

a) 14	b) 28	c) 400
8	46	600
16	100	1000
12	90	900

2.

a) $18 + 3 = 21$	b) $15 - 6 = 9$
c) $28 + 12 = 40$	d) $24 - 7 = 17$
e) $18 + 8 = 26$	f) $45 - 16 = 29$

3.
 a) 10
 b) 100

4.
 a) 8; 16 b) 32; 64
 c) 40; 80 d) 24; 48

HW 12
 1.

a) 4 12	b) 3 12
c) 6 12	d) 5 25
e) 4 0	f) 6 6

2.
 a) 99
 b) 999

3.


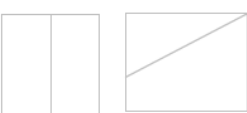

a)	b)	c)
40	30	24
40	36	30
60	35	22
60	60	33

HW 13
 1.
 a) 3, 6, 9, 12, 15
 b) 4, 8, 12, 16, 20
 c) 5, 10, 15, 20, 25

2.

a)	b)	c)
<	<	=
<	<	<
<	>	=
<	<	>
=	<	=

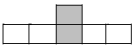
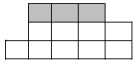
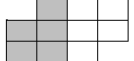
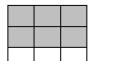
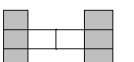
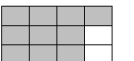

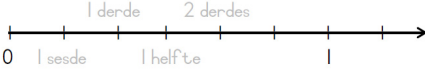


<p>3.</p> <p>a) YES / JA b) YES / JA</p>	<p>4.</p> <p>a) $69 \div 3$ $= (60 + 9) \div 3$ $= (60 \div 3) + (9 \div 3)$ $= 20 + 3$ $= 23$</p> <p>b) $75 \div 5$ $= (50 + 25) \div 5$ $= (50 \div 5) + (25 \div 5)$ $= 10 + 5$ $= 15$</p> <p>HW 16</p> <p>1.</p> <p>a) 7×15, 7×17, 7×19 b) $72 \div 8$, $109 \div 8$, $121 \div 8$ c) 6×99, 6×114, 6×126 d) $81 \div 9$, $108 \div 9$, $135 \div 9$</p> <p>2.</p> <p>a) $20 \div 2 = 10$ $12 \div 2 = 6$ $1 \div 2 = 1$ half $33 \div 2 = 16 + 1$ half</p> <p>b) $40 \div 2 = 20$ $8 \div 2 = 4$ $1 \div 2 = 1$ half $49 \div 2 = 24 + 1$ half</p>	<p>3.</p> <p>No. of seats / Aantal sitplekke $= 46 + 46 + 15$ $= 92 + 15$ $= 107$ or /of $(2 \times 46) + 15$ $= 92 + 15$ $= 107$</p> <hr/> <p>4.</p> <p>No. of balls / Aantal balle $= (8 \times 3) + (9 \times 4)$ $= 24 + 36$ $= 60$</p> <p>HW 18</p> <p>1.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;"></td> <td style="text-align: center; border-bottom: 1px solid black;"><u>Rule/ Reël</u></td> </tr> <tr> <td>a) 23 ; 29</td> <td style="text-align: center;">+6</td> </tr> <tr> <td>b) 51 ; 44</td> <td style="text-align: center;">-7</td> </tr> <tr> <td>c) 287 ; 297</td> <td style="text-align: center;">+10</td> </tr> <tr> <td>d) 24 ; 48</td> <td style="text-align: center;">$\times 2$</td> </tr> <tr> <td>e) 10 ; 16</td> <td style="text-align: center;">$2 + 2 = 4$, $2 + 4 = 6$, $4 + 6 = 10$ $10 + 6 = 16$</td> </tr> </table>		<u>Rule/ Reël</u>	a) 23 ; 29	+6	b) 51 ; 44	-7	c) 287 ; 297	+10	d) 24 ; 48	$\times 2$	e) 10 ; 16	$2 + 2 = 4$, $2 + 4 = 6$, $4 + 6 = 10$ $10 + 6 = 16$																										
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<p>4.</p> <p>a) $= 4 \times (30 + 8)$ $= (4 \times 30) + (4 \times 8)$ $= 120 + 32$ $= 152$</p> <p style="text-align: right; margin-right: 20px;">or/of $4 \times 8 = 32$ and/en $4 \times 30 = 120$ means/beteken $4 \times 38 = 152$</p> <p>b) $= 3 \times (60 \times 7)$ $= (3 \times 60) + (3 \times 7)$ $= 180 + 21$ $= 201$</p> <p style="text-align: right; margin-right: 20px;">or/of $3 \times 7 = 21$ and/en $3 \times 60 = 180$ means/beteken $3 \times 67 = 201$</p> <p>HW 14</p> <p>1.</p> <p>30 60 (30×2) 120 (60×2) 240 (120×2)</p>	<p>3.</p> <p>a) $21 \div 3 = 7$ b) $16 \div 2 = 8$ c) $35 \div 5 = 7$ d) $42 \div 2 = 21$</p> <p>4.</p> <p>a) 16 ; 8 ; 4 ; 2 b) 9 ; 3 c) 16 d) 60</p> <p>HW 17</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;"></td> <td style="width: 33%;"></td> <td style="width: 33%;"></td> </tr> <tr> <td style="border-right: 1px solid black;">1.</td> <td style="border-right: 1px solid black;">a)</td> <td>b)</td> </tr> <tr> <td style="border-right: 1px solid black;">+</td> <td style="border-right: 1px solid black;">\div</td> <td>- -</td> </tr> <tr> <td style="border-right: 1px solid black;">-</td> <td style="border-right: 1px solid black;">-</td> <td>- +</td> </tr> <tr> <td style="border-right: 1px solid black;">\div</td> <td style="border-right: 1px solid black;">+</td> <td>+ -</td> </tr> </table>				1.	a)	b)	+	\div	- -	-	-	- +	\div	+	+ -	<p>2.</p> <p>a) $p = 24$ & $t = 9$ b) $p = 25$ & $t = 23$</p> <p>3.</p> <p>a)</p>  <p>b)</p>  <p>c)</p> 																							
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<p>2.</p> <p>a) $7 \times 2 = 14 \Rightarrow 14 \div 7 = 2$ & $14 \div 2 = 7$ b) $6 \times 3 = 18 \Rightarrow 18 \div 3 = 6$ & $18 \div 6 = 3$ c) $8 \times 4 = 32 \Rightarrow 32 \div 4 = 8$ & $32 \div 8 = 4$ d) $9 \times 4 = 36 \Rightarrow 36 \div 4 = 9$ & $36 \div 9 = 4$</p>	<p>4.</p> <p>a) 12 ; 10 ; 8 ; 6 ; 4 ; 2 b) 9 ; 6 ; 3 c) 20 ; 15 ; 10 ; 5 d) 30 ; 24 ; 18 ; 12 ; 6</p> <p>HW 15</p> <p>1.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> <tr> <td>6</td> <td style="text-align: right;">9</td> </tr> <tr> <td>20</td> <td style="text-align: right;">10</td> </tr> <tr> <td>$78 \div 3 = 26$</td> <td style="text-align: right;">$95 \div 5 = 19$</td> </tr> </table>			6	9	20	10	$78 \div 3 = 26$	$95 \div 5 = 19$	<p>HW 19</p> <p>1.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> <tr> <td style="border-right: 1px solid black;">a)</td> <td style="border-right: 1px solid black;">28</td> <td>b)</td> </tr> <tr> <td style="border-right: 1px solid black;"></td> <td style="border-right: 1px solid black;">22</td> <td>7</td> </tr> <tr> <td style="border-right: 1px solid black;"></td> <td style="border-right: 1px solid black;">60</td> <td>21</td> </tr> <tr> <td style="border-right: 1px solid black;"></td> <td style="border-right: 1px solid black;">54</td> <td>9</td> </tr> <tr> <td style="border-right: 1px solid black;"></td> <td style="border-right: 1px solid black;">82</td> <td>27</td> </tr> <tr> <td style="border-right: 1px solid black;"></td> <td style="border-right: 1px solid black;">76</td> <td>12</td> </tr> <tr> <td style="border-right: 1px solid black;"></td> <td style="border-right: 1px solid black;">100</td> <td>36</td> </tr> <tr> <td style="border-right: 1px solid black;"></td> <td style="border-right: 1px solid black;">94</td> <td>20</td> </tr> <tr> <td style="border-right: 1px solid black;"></td> <td style="border-right: 1px solid black;"></td> <td>60</td> </tr> </table>				a)	28	b)		22	7		60	21		54	9		82	27		76	12		100	36		94	20			60
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<p>3.</p> <p>a) 42 ; 44 ; 46 ; 48 b) 21 ; 23 ; 25 ; 27 ; 29.</p> <p>3.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> <tr> <td style="border-right: 1px solid black;">a)</td> <td>b)</td> </tr> <tr> <td style="border-right: 1px solid black;">3 r 1</td> <td>9 r 1</td> </tr> <tr> <td style="border-right: 1px solid black;">2 r 1</td> <td>6 r 1</td> </tr> <tr> <td style="border-right: 1px solid black;">2 r 2</td> <td>4 r 3</td> </tr> <tr> <td style="border-right: 1px solid black;">3 r 2</td> <td>3 r 4</td> </tr> </table>			a)	b)	3 r 1	9 r 1	2 r 1	6 r 1	2 r 2	4 r 3	3 r 2	3 r 4	<p>2.</p> <p>No. of boys / Aantal seuns $= 274 - (83 + 27 + 94)$ $= 274 - (110 + 94)$ $= 274 - 204$ $= 70$ or /of $274 - 83 - 27 - 94$ $= 180 - 83 - 27$ $= 97 - 27$ $= 70$</p>	<p>2.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;"></td> <td style="text-align: center; border-bottom: 1px solid black;"><u>Rule/ Reël</u></td> </tr> <tr> <td>a)</td> <td style="text-align: center;">-4</td> </tr> <tr> <td>35 ; 31 ; 27</td> <td style="text-align: center;">+5</td> </tr> <tr> <td>28 ; 43 ; 48 ; 53</td> <td style="text-align: center;">-9</td> </tr> <tr> <td>27 ; 18 ; 9</td> <td style="text-align: center;">$\div 2$</td> </tr> <tr> <td>16 ; 4 ; 2</td> <td style="text-align: center;">+99</td> </tr> <tr> <td>384 ; 483</td> <td></td> </tr> </table>		<u>Rule/ Reël</u>	a)	-4	35 ; 31 ; 27	+5	28 ; 43 ; 48 ; 53	-9	27 ; 18 ; 9	$\div 2$	16 ; 4 ; 2	+99	384 ; 483													
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<p>3. a)</p> <p>b) 11 squares</p>	<p>3. a) 600 b) $6 \times 2 = 12$ c) B</p>	<p>HW 25 1. a) A & B (10) D & E (8) b) F c) C (9)</p>
<p>HW 20 1. a) 100 c) 40 e) 5</p>	<p>4. 40</p>	<p>2. i) 14cm ii) 16cm iii) 20cm iv) 18cm v) 12cm vi) 14cm</p>
<p>2. a) 66m c) 1m50cm e) 2m8cm</p>	<p>5. 1</p>	<p>3. a) ✗ b) ✓ c) ✓</p>
<p>3. a) 2 3 b) $6 + 6 + 3 + 3 \text{ cm} = 18 \text{ cm}$ ii) $3 + 4 + 5 \text{ cm} = 12 \text{ cm}$</p>	<p>HW 23 1. $32 \div 2 = 16$</p>	<p>HW 26 1. a) 4 2 b) 2 1</p>
<p>4. a) 250cm b) 15cm c) 9m d) $5\text{m } 110\text{cm} = 6\text{m } 10\text{cm}$</p>	<p>2. $200 - 72 \text{ €} = 128 \text{ €}$</p>	<p>2. </p> <p></p>
<p>HW 21 1. a) thousand / duisend b) 1000 c) scale / skaal</p>	<p>3. a) $28 \text{ kg} + 38 \text{ kg} = 66 \text{ kg}$ b) $2 \times 28 \text{ kg} + 38 + 9 \text{ kg}$ $= 56 + 47 \text{ kg}$ $= 103 \text{ kg}$ c) $56 \text{ kg} - 38 \text{ kg}$ $= 18 \text{ kg}$ or/of $40 + 16 - 30 - 8 = 10 + 8 = 18 \text{ kg}$</p>	<p>HW 27 1. a) 4 eighths or 1 half / 4 agtstes of 1 half b) 2 eighths or 1 quarter/2 agtstes of 1 kwart c) 4 eighths or 1 half / 4 agtstes of 1 half d) 3 sixths or 1 half / 3 sesdes of 1 half e) 2 sixths or 1 third / 2 sesdes of 1 derde f) 3 sixths or 1 half / 3 sesdes of 1 half</p>
<p>2. a) 70 c) 2 e) 8</p>	<p>4. 20×32 640</p>	<p>2. 2 3 4</p>
<p>3. a) 60kg b) 5kg 300g c) $36\text{kg} \div 4 = 9\text{kg}$ d) Combined mass / Gesamentlike massa $= 23 \text{ kg} + 23 \text{ kg} + 5 \text{ kg}$ $= 51 \text{ kg}$</p>	<p>HW 24 1. No. of litres left / Aantal liters oor $= 100 - (8 \times 4) - (9 \times 5)$ $= 100 - 32 - 45$ $= 68 - 45$ $= 23$ or /of $100 - (8 \times 4 + 9 \times 5)$ $= 100 - (32 + 45)$ $= 100 - 77$ $= 23$</p>	<p>3. a) A: 1 quarter B: 1 half C: 3 quarters b) C: 2 sixths/1 third A: 1 half c) A: 1 eighth B: 1 quarter C: 1 half D: 6 eighths/ 3 quarters E: 7 eighths</p>
<p>HW 22 1. a) 3 kg 9 kg 8 & 1 half kg b) 5kg c) C</p>	<p>2. Each length / Elke lengte $= 56 \div 4 \text{ cm}$ $= (40 + 16) \div 4 \text{ cm}$ $= 14 \text{ cm}$</p>	<p>A: 1 kwart B: 1 half C: 3 kwarte C: 2 sesdes/1 derde A: 1 half A: 1 agtste B: 1 kwart C: 1 half D: 6 agtstes/ 3 kwarte E: 7 agtstes</p>
<p>2. a) 40 € c) 210 € e) 25 €</p>	<p>3. Total mass / Totale massa $= 67 \times 4 \text{ kg}$ $= (60 + 7) \times 4 \text{ kg}$ $= 240 + 28 \text{ kg}$ $= 268 \text{ kg}$</p>	<p>4. a) $8 \div 2 = 4$ b) $6 \div 3 = 2$ c) $10 \div 5 = 2$</p>
	<p>4. Original mass / Oorspronklike massa $= 63 \text{ kg} + 19 \text{ kg}$ $= 82 \text{ kg}$</p>	



<p>HW 28</p> <p>1.</p>  <p>6 equal parts / shade 2 parts 6 gelyke dele / arseer 2 dele</p>  <p>12 equal parts / shade 3 parts 12 gelyke dele / arseer 3 dele</p>  <p>10 equal parts / shade 5 parts 10 gelyke dele / arseer 5 dele</p>  <p>9 equal parts / shade 6 parts 9 gelyke dele / arseer 6 dele</p>  <p>8 equal parts / shade 6 parts 8 gelyke dele / arseer 6 dele</p>  <p>12 equal parts / shade 10 parts 12 gelyke dele / arseer 10 dele</p>	<p>2.</p> <p>a) 9m 36kg 7 ℓ</p> <p>b) 8 cm 24 g 36 m ℓ</p> <p>3.</p>  	<p>HW 33</p> <p>1.</p> <p>a) 50 25 10 b) 20 50 200</p> <p>2.</p> <p>a) 35c b) 75c c) R1,20 d) R2,05 e) R6,40 f) R14,10 g) R59,40 h) R6,90</p> <p>3.</p> <p>a) R45,00 b) R76,00 c) R23,00</p>																												
<p>2.</p> <p>a) A : 1 eighth / 1 agtste B: 1 half / 1 half C: 3 quarters / 3 kwarte D: 7 eighths / 7 agtstes</p> <p>b) A : 1 half / 1 half B: 3 quarters / 3 kwarte C: 1 and 1 half / 1 en 'n half D: 1 and 3 quarters / 1 en 3 kwarte</p>	<p>HW 31</p> <p>1.</p> <p>a) $1 \text{ third} \times 24 = 8$ / $1 \text{ derde} \times 24 = 8$ b) $1 \text{ quarter} \times 16 = 4$ / $1 \text{ kwart} \times 16 = 4$</p> <p>2.</p> <p>a) 1 quarter / 1 kwart b) $36 \div 4 = 9$</p> <p>3.</p> <p>$5 \times 30 \text{ km} = 150 \text{ km}$</p> <p>4.</p> <p>$5 \times 11 = 55$ or $66 - 11 = 55$</p> <p>5.</p> <p>a) $24 \div 3 = 8$ b) $24 \div 8 = 3$ c) $3 \times 3 = 9$ d) $24 - (8 + 3 + 9) = 24 - 20 = 4$</p>	<p>HW 34</p> <p>1.</p> <table border="0"> <tr> <td>a)</td> <td>b)</td> <td>c)</td> </tr> <tr> <td>24c</td> <td>R3,00</td> <td>32c</td> </tr> <tr> <td>45c</td> <td>R3,90</td> <td>R1,12</td> </tr> <tr> <td>R1,00</td> <td>R7,00</td> <td>20c</td> </tr> <tr> <td>R1,00</td> <td>R26,00</td> <td>R10,09</td> </tr> </table> <p>2.</p> <p>Total = $(3 \times R9,00) + (2 \times R8,50) + R37,95$ $= R27,00 + R17,00 + R32,95$ $= R76,95$</p> <p>3.</p> <p>No. of containers / Aantal houers $= 54 \div 3$ $= (30 + 24) \div 3$ $= 10 + 8$ $= 18$</p>	a)	b)	c)	24c	R3,00	32c	45c	R3,90	R1,12	R1,00	R7,00	20c	R1,00	R26,00	R10,09													
a)	b)	c)																												
24c	R3,00	32c																												
45c	R3,90	R1,12																												
R1,00	R7,00	20c																												
R1,00	R26,00	R10,09																												
<p>HW 29</p> <p>1.</p> <p>a) 1 third, 1 fifth, 1 sixth, 1 eighth 1 derde, 1 vyde, 1 sesde, 1 agtste</p> <p>b) 5 fifths, 2 quarters, 3 eighths, 0 halves 5 vyfdes, 2 kwartes, 3 agstes, 0 halwes</p> <p>c) 6 fifths, 4 quarters, 2 fifths, 1 fifth 6 vyfdes, 4 kwarte, 2 vyfde, 1 vyfde</p>	<p>HW 32</p> <p>1.</p> <p>a) 20 c) 5 e) 15</p> <p>b) 30 d) 12 f) 20</p> <p>2.</p> <table border="0"> <tr> <td>R10</td> <td>R2</td> <td>R3</td> <td>R2</td> </tr> <tr> <td>-</td> <td>50c</td> <td>5c</td> <td>R17,55</td> </tr> </table> <p>b)</p> <table border="0"> <tr> <td>R25</td> <td>R4</td> <td>R2</td> <td>R1,50</td> </tr> <tr> <td>R1,00</td> <td>10c</td> <td>-</td> <td>R33,60</td> </tr> </table>	R10	R2	R3	R2	-	50c	5c	R17,55	R25	R4	R2	R1,50	R1,00	10c	-	R33,60	<p>4.</p> <p>No. of balls / Aantal balle $= 168 \div 4$ $= (160 + 8) \div 4$ $= 40 + 2$ $= 42$</p> <p>HW 35</p> <p>1.</p> <p>a) 7 35 b) 12 48 c) 6 4 d) 24 36 e) 60 15</p> <p>2.</p> <table border="0"> <tr> <td>6 o'clock</td> <td>/</td> <td>6 uur</td> </tr> <tr> <td>half past two</td> <td>/</td> <td>half drie</td> </tr> <tr> <td>11 o'clock</td> <td>/</td> <td>11 uur</td> </tr> <tr> <td>half past three</td> <td>/</td> <td>half vier</td> </tr> </table>	6 o'clock	/	6 uur	half past two	/	half drie	11 o'clock	/	11 uur	half past three	/	half vier
R10	R2	R3	R2																											
-	50c	5c	R17,55																											
R25	R4	R2	R1,50																											
R1,00	10c	-	R33,60																											
6 o'clock	/	6 uur																												
half past two	/	half drie																												
11 o'clock	/	11 uur																												
half past three	/	half vier																												
<p>2.</p> <p>a) $4 \Rightarrow 3 \text{ quarters of } 16 = 3 \times 4 = 12$ $4 \Rightarrow 3 \text{ kwarte van } 16 = 3 \times 4 = 12$ b) $6 \Rightarrow 4 \text{ fifths of } 30 = 4 \times 6 = 24$ $6 \Rightarrow 4 \text{ vyfdes van } 30 = 4 \times 6 = 24$ c) $8 \Rightarrow 2 \text{ thirds of } 24 = 2 \times 8 = 16$ $8 \Rightarrow 2 \text{ derdes van } 24 = 2 \times 8 = 16$</p> <p>3.</p> <p>✓ ✓ ✓ ✓</p>	<p>3.</p> <p>a) R1,60 d) R4,10</p> <p>b) R3,20 e) R6,70</p> <p>c) R2,50 f) R5,25</p> <p>4.</p> <p>a) R3,50 b) R3,15 R6,30 R25,20</p>	<p>3.</p> <p>a) 45 7 b) 40 10</p>																												
<p>HW 30</p> <p>1.</p> <table border="0"> <tr> <td>a)</td> <td>b)</td> </tr> <tr> <td>1 half / 1 half</td> <td>4 fifths / 4 vyfdes</td> </tr> <tr> <td>1 quarter / 1 kwart</td> <td>2 thirds / 2 derdes</td> </tr> <tr> <td>1 third / 1 derde</td> <td>1 third / 1 derde</td> </tr> </table>	a)	b)	1 half / 1 half	4 fifths / 4 vyfdes	1 quarter / 1 kwart	2 thirds / 2 derdes	1 third / 1 derde	1 third / 1 derde																						
a)	b)																													
1 half / 1 half	4 fifths / 4 vyfdes																													
1 quarter / 1 kwart	2 thirds / 2 derdes																													
1 third / 1 derde	1 third / 1 derde																													

HW 36

1.
4.45 9.30 12.15 1.45
Quarter Half past Quarter Quarter
to 5 9 past 12 to 2
Kwart Half 10 Kwart Kwart
voor 5 oor 12 voor 2

2.
a) 1h or/of 60 min
b) 5 min

3.
a) 50 min
b) 45 min (35 + 10)
c) 1h 15 min

4.
7.20 or 20 past 7
7.20 of 20 oor 7

HW 37

1.
1.40 + 25 min → 2:05

2.
Time from P to M / Tyd van P na M
= 2h 18 min + 1h 20 min
= 3h 38 min

3.
Length of school day / Lengte van skooldag
= (8 × 40 min) + (2 × 15 min)
= 320 min + 30 min
= 5 h 20 min + 30 min
= 5 h 50 min

4.
No. of hours / Aantal ure
= 5 × 8 + 4
= 40 + 4
= 44

HW 38

1.
a) Wednesday / Woensdag
b) 100 + 60 = 160
c) 150 - 120 = 30

2.
a)

Colour	Tally marks	Frequency
Silver	### III	8
Red	IIII	4
White	### ### II	12
Blue	### IIII	9
Black	### II	7

Kleur	Telmerkie	Frekwensie
Silwer	### III	8
Rooi	IIII	4
Wit	### ### II	12
Blou	### IIII	9
Swart	### II	7

b) white / wit
c) blue / blou
c) 40

HW 39

1.
a) 491 ; 493 ; 495 ; 497
b) 868 ; 873 ; 878 ; 883
c) 619 ; 609 ; 599 ; 589

2.
a) 7 T + 9 U = 79
b) 13 T + 13 U = 143

3.
a)
= 100 + 30 + 7 + 300 + 60 + 8
= 400 + 90 + 15
= 505
or/of
7 + 8 = 15
30 + 60 = 90
100 + 300 = 400
137 + 368 = 505
b)
= 600 + 30 + 6 - 300 - 40 - 5
= 500 + 130 + 6 - 300 - 40 - 5
= 200 + 90 + 1
= 291
or/of
6 - 5 = 1
130 - 40 = 90
500 - 300 = 200
636 - 345 = 291

4.
a) 362 36 3
b) 7 10 4
c) 140
d) 220
e) 100 + 89 = 189
f) 88 - 22 = 66


5.
a) 27 15 8
b) 39 (138 + 100 - 1)
c) 964 ; 1164 ; 1364.
d) 380 ; 280 ; 180.
e) 259 ; 309 ; 359.
f) 184 ; 209 ; 234.

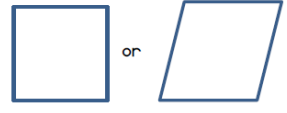
6.
a) 1 605
b) 506 560 650

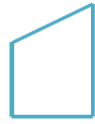
7.
a) b) c)
14 32 75
45 11 81
16 50 376
8 120 40

8.
a) 60
b) 340
c) 91
d) 459

9.
2 + 2 + 2 = 6 & 3 × 2 = 6

10.
a) 

b)  or

c) 

11.
a) Rectangular prism / reghoekige prisma
b) Cylinder / silinder
c) Triangular prism / driehoekige prisma

12.
a) square / vierkantige
b) circular / sirkelvormige
c) 1 square & 4 triangular
1 vierkantige & 4 driehoekige

13.

	a)	b)	c)
24	100	0	
45	100	18	
28	100	35	
0	100	41	
6	10	37	
8	50	30	

14.
a) 40 , 45 , 50 , 55
b) 40 , 44 , 48 , 52 , 56 , 60

15.
a)
= (70 + 9) × 4 or/of 9 × 4 = 36
= (70 × 4) + (9 × 4) 70 × 4 = 280
= 280 + 36 79 × 4 = 316
= 316
b)
= (150 + 19) ÷ 5 or/of 150 ÷ 5 = 30
= (150 ÷ 5) + (19 ÷ 5) 19 ÷ 5 = 3 r 4
= 30 + 3 r 4 169 ÷ 5 = 33 r 4
= 33 r 4

16.
a)
418 + 93
= 400 + 10 + 8 + 90 + 3
= 400 + 100 + 11
= 511
or / of
418 + 3 → 421 + 90 → 511



b)
 $573 - 57$
 $= 500 + 60 + 13 - 50 - 7$
 $= 500 + 10 + 6$
 $= 516$
 or / of
 $573 - 7 \rightarrow 566 - 50 \rightarrow 516$

17.

a)	b)	c)
>	<	=
<	>	>
=	=	=

18.

a) 16
 b) 6

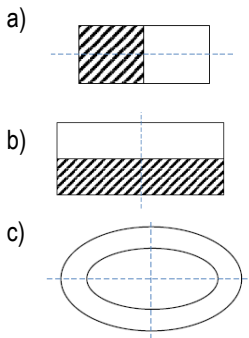
19.

a) * 250mℓ
 b) * 30cm
 c) ✓
 d) * 100cm
 e) * mℓ or ℓ

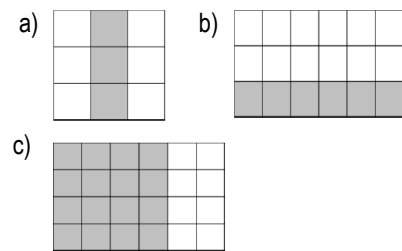
20.

32 kg

21.



22.



23.

a) 1 quarter, 1 half, 3 fifths, 2
 1 kwart, 1 half, 3 vyfdes, 2
 b) 0, 2 fifths, 2 thirds, 2 halves
 0, 2 vyfdes, 2 derdes, 2 halwes
 c) 1 quarter, 1 third, 2 thirds, 4 quarters
 1 kwart, 1 derde, 2 derdes, 4 kwarte

24.

a) 7 kg $2 \times 7\text{kg} = 14\text{ kg}$
 b) 8 m $3 \times 8\text{ m} = 24\text{ m}$

25.

a)	b)
2000	4000
3 & 1 half	1 half
2ℓ 356 mℓ	1kg 824 g

c)
 $700\text{cm} = 7000\text{mm}$
 1 and 1 quarter / 1 en 1 kwart
 8 m 63 cm

26.

a)	b)	c)
120	36	48
4	1 third / derde	5

27.

a) is 3.45
 b) is 8.20
 c) is 2.50
 d) is 11.35

28.

a) 07:20
 b) 01:10
 c) 09:40
 d) 10:55

29.

a) Amount / bedrag
 $= (2 \times R6,50) + (3 \times R2)$
 $= R13,00 + R 6,00$
 $= R19,00$

b) Change / kleingeld
 $= R20 - (R8 + R4,50)$
 $= R20 - R12,50$
 $= R7,50$

30.

a) 25
 b) 100
 c) 40

31.

Change / kleingeld
 $= R5 - (20 \times 8)c$
 $= R5 - 160c$
 $= R5 - R1,60$
 $= R3,40$

32.

a) 27 ; 33 ; 39 ; 45
 b) 8 ; 16 ; 32 ; 64
 c) 5 ; 8 ; 13 ; 21

33.

a) 36 $(16 + 16 + 4 = 36)$
 b) 8 $(32 - (15 + 9))$
 c) R1,50 $(R6,00 \div 4 \text{ or } 600c \div 4)$

C

**Multiple Choice Questions/
 Meervoudige Keusevrae**

1. D	2. C	3. C	4. B
5. D	6. A	7. C	8. C
9. C	10. C	11. C	12. B
13. D	14. A	15. B	16. D
17. B	18. A	19. B	20. C
21. D	22. D	23. D	24. B
25. C	26. C	27. B	28. C
29. D	30. B	31. D	32. C
33. B	34. A	35. C	36. C
37. D	38. C	39. C	40. D
41. D	42. B	43. B	44. C
45. D	46. C	47. B	48. C
49. D	50. C	51. C	52. D
53. C	54. D	55. C	56. B
57. A	58. B	59. B	60. A
61. D	62. B	63. C	64. C
65. D	66. A	67. C	68. B
69. D	70. B	71. B	72. A
73. C	74. C	75. B	76. B
77. A	78. D	79. B	80. C
81. B	82. D	83. D	84. B
85. B	86. C	87. D	88. C
89. D	90. C	91. C	92. D
93. C	94. C	95. A	96. C
97. D	98. A	99. B	100. C