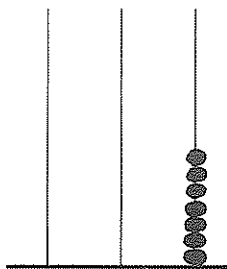


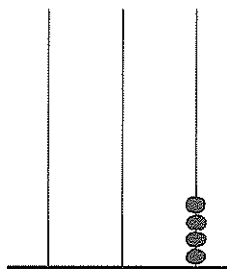
werkbld 5.1

1

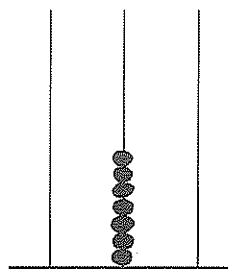
Welke getallen staan op de abacus?



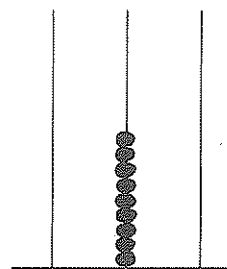
....



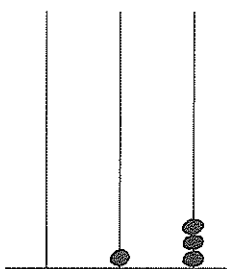
....



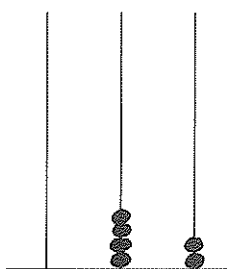
....



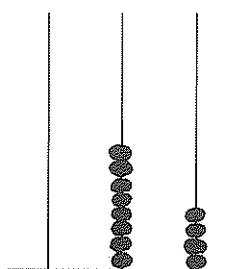
....



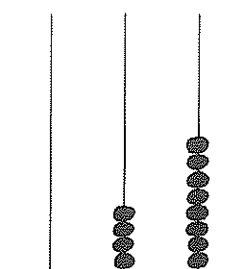
....



....



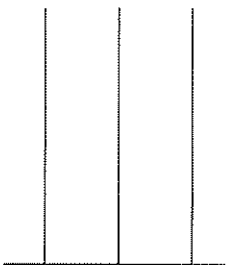
....



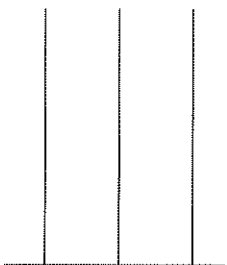
....

2

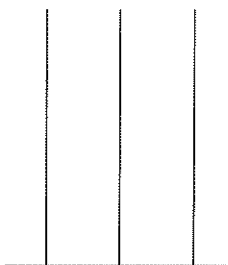
Teken zelf het getal met kralen op de abacus.



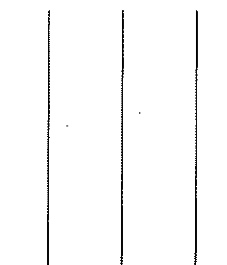
4



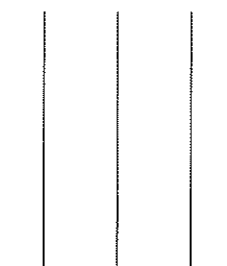
40



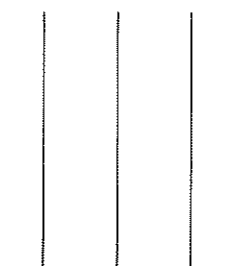
3



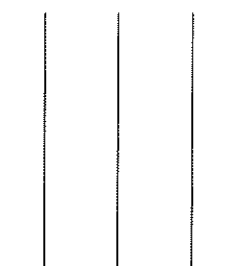
13



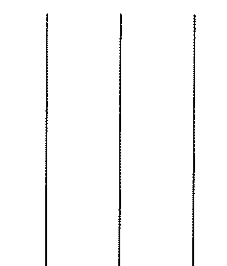
31



25



33

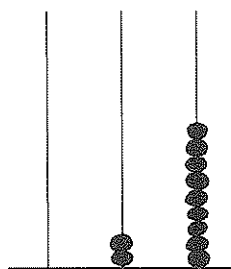


56

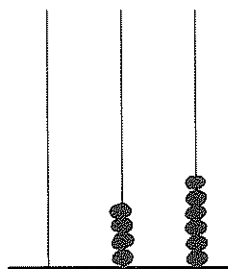
werkblad 5.2

1

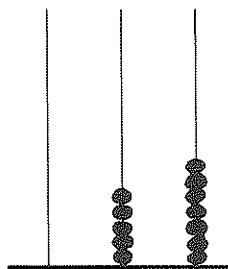
Welke getallen staan op de abacus?



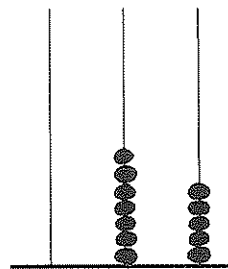
....



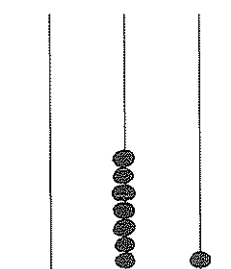
....



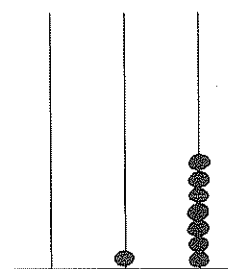
....



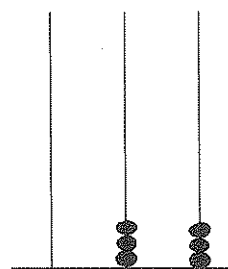
....



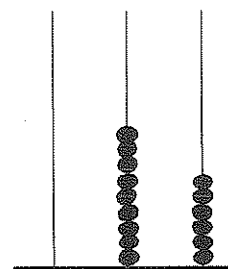
....



....



....

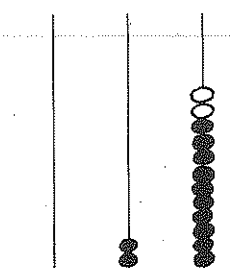


....

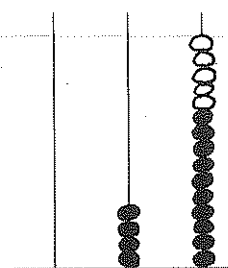
2

Welke getallen staan op de abacus?

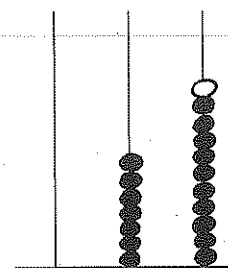
Je moet wel inwisselen.



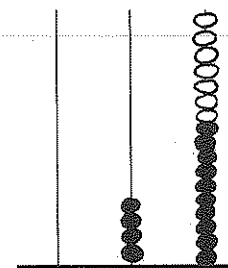
....



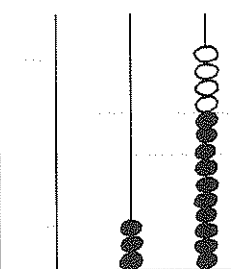
....



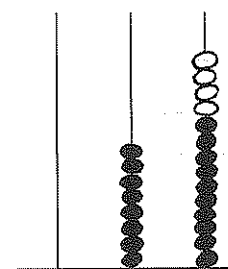
....



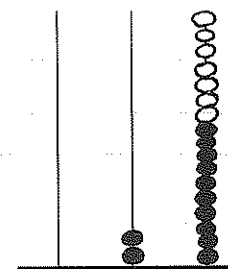
....



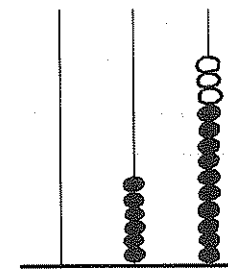
....



....



....

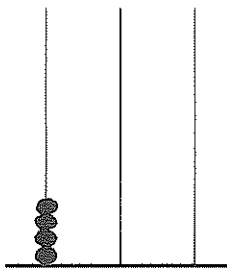


....

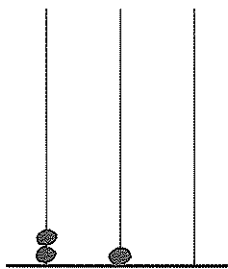
werkblad 5.3

1

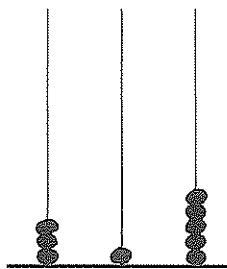
Welke getallen staan op de abacus?



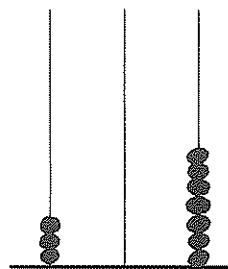
....



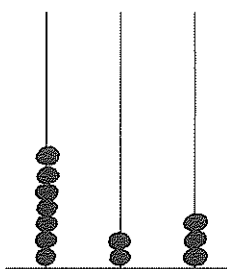
....



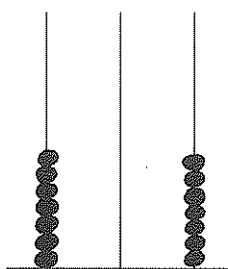
....



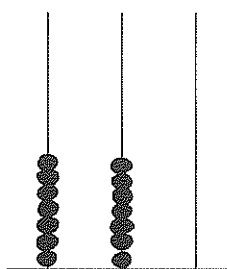
....



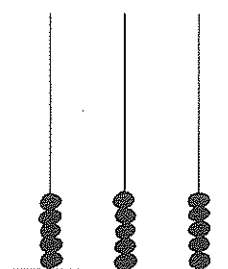
....



....



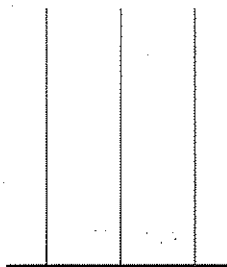
....



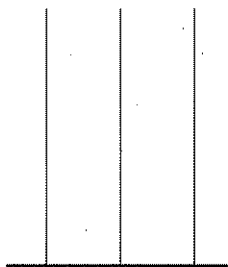
....

2

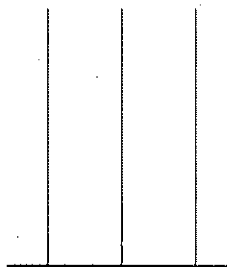
Teken zelf het getal met kralen op de abacus.



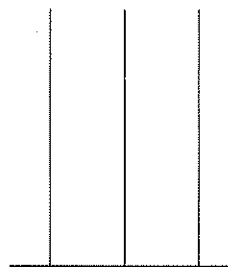
700



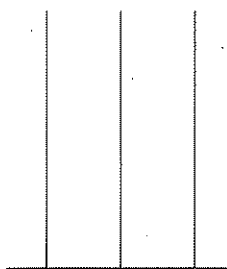
410



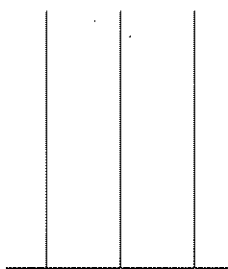
404



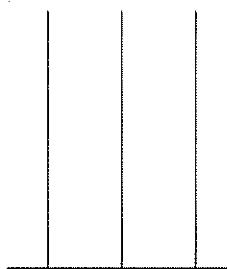
312



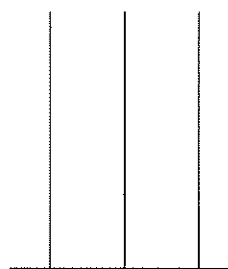
450



57



507



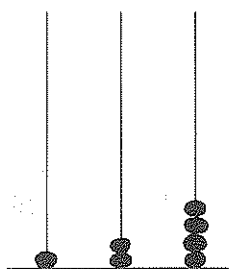
570

werkbblad 5.4

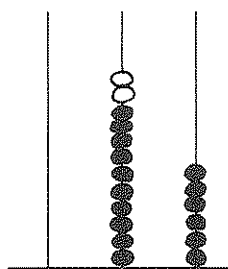
1

Wissel in als het kan.

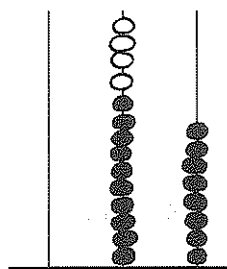
Schrijf het goede getal eronder.



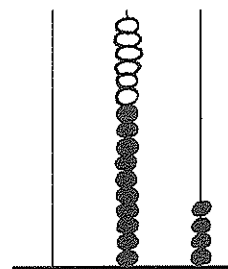
....



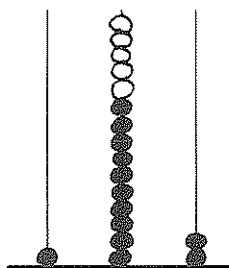
....



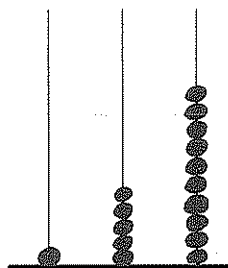
....



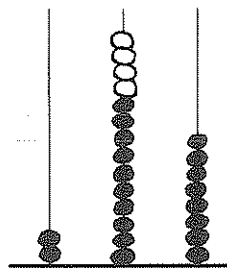
....



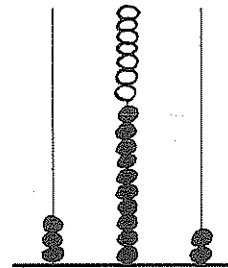
....



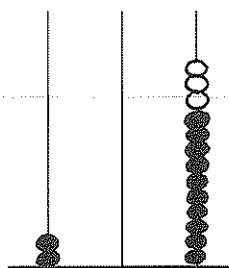
....



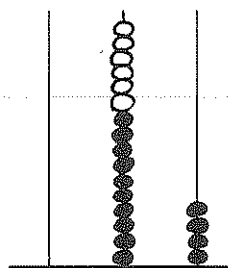
....



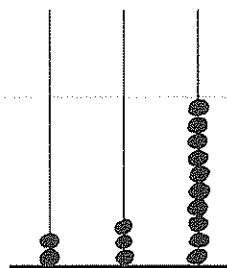
....



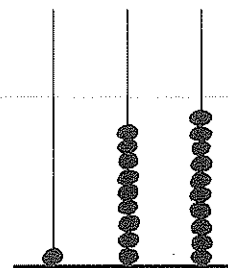
....



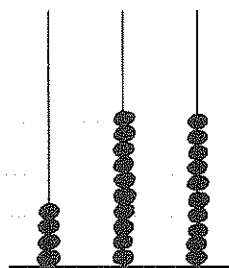
....



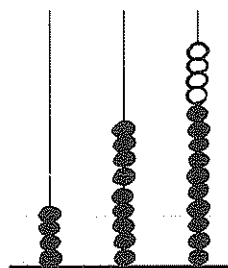
....



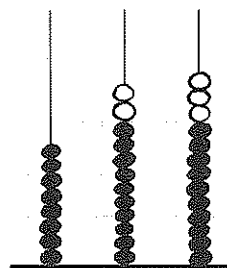
....



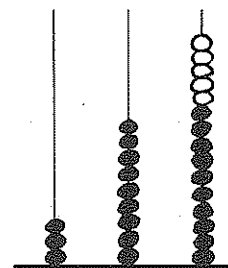
....



....



....

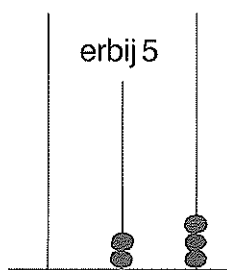


....

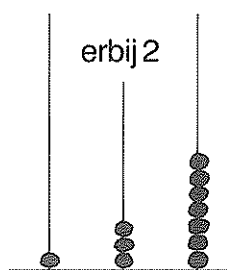
werklad 5.5

1

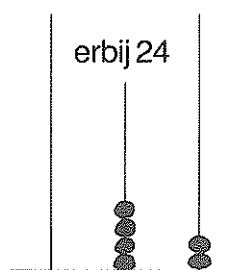
Eerst op de abacus.
Daarna tekenen.



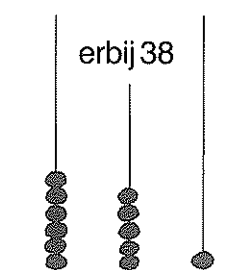
....



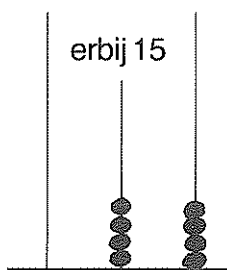
....



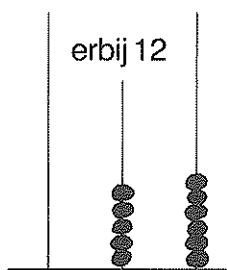
....



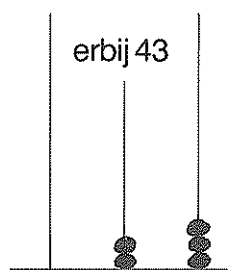
....



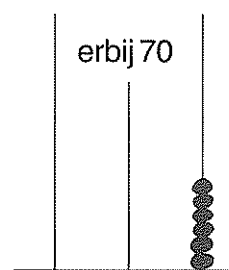
....



....



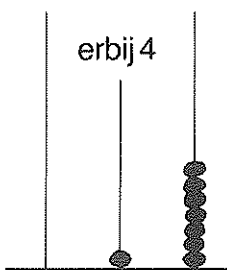
....



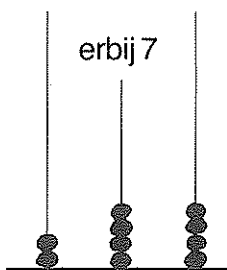
....

2

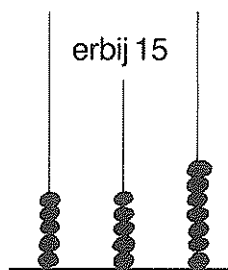
Met inwisselen.



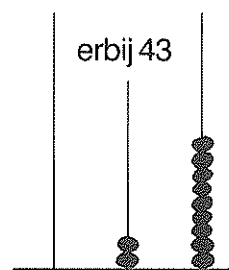
....



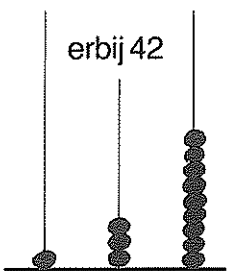
....



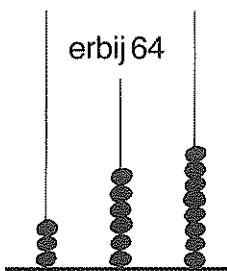
....



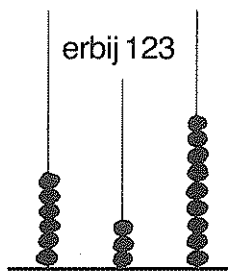
....



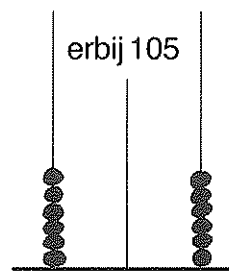
....



....



....

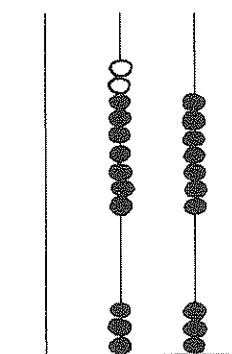


....

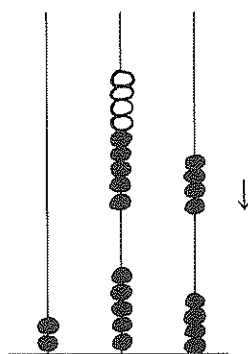
werkblad 5.6

1

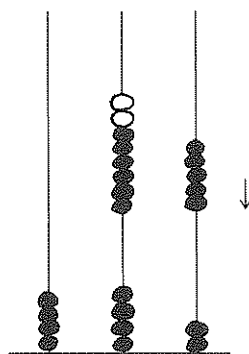
Reken de sommen uit met de abacus.



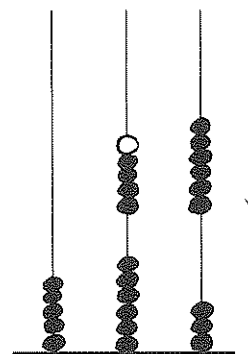
$$33 + 97 = \dots$$



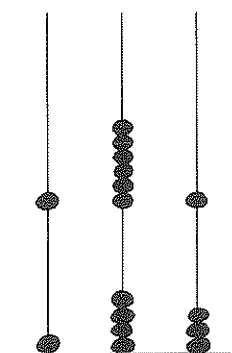
$$254 + 94 = \dots$$



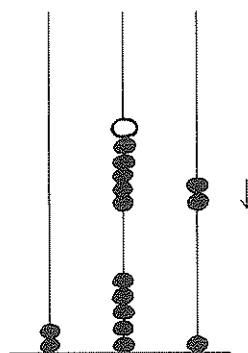
$$442 + 85 = \dots$$



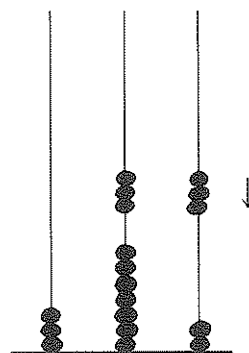
$$563 + 56 = \dots$$



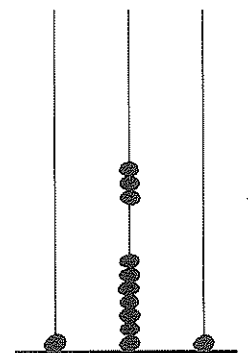
$$143 + 161 = \dots$$



$$251 + 62 = \dots$$

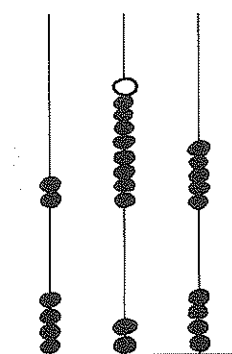


$$372 + 33 = \dots$$

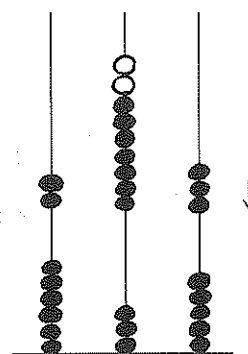


$$171 + 30 = \dots$$

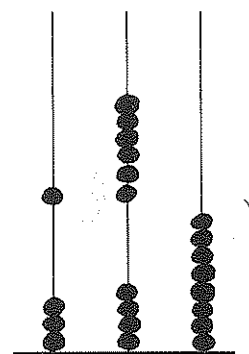
2



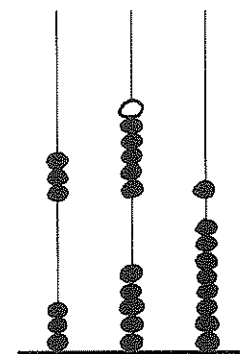
$$424 + 295 = \dots$$



$$635 + 293 = \dots$$



$$349 + 160 = \dots$$



$$358 + 361 = \dots$$

3

Reken uit met de abacus.

$$19 + 19 = \dots$$

$$238 + 44 = \dots$$

$$157 + 61 = \dots$$

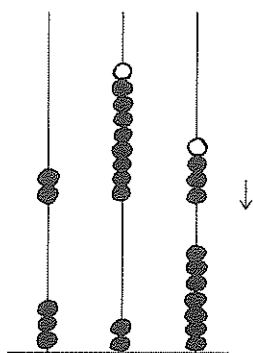
$$345 + 183 = \dots$$

werkblad 5.7

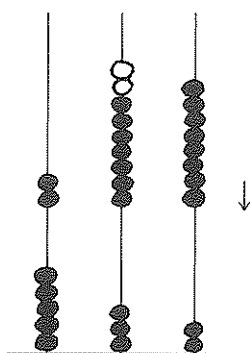
1

Met de abacus.

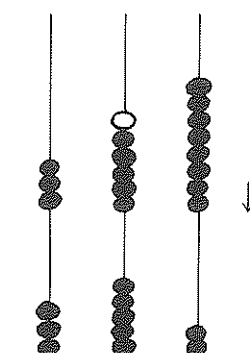
Nu twee keer inwisselen.



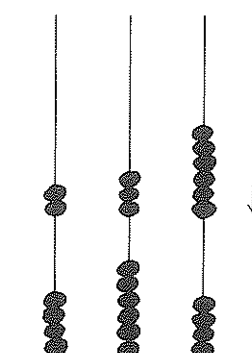
$$327 + 294 = \dots$$



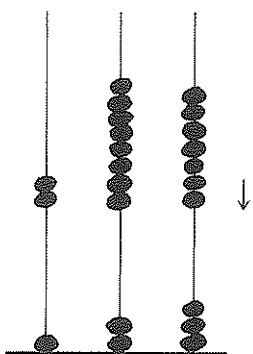
$$532 + 298 = \dots$$



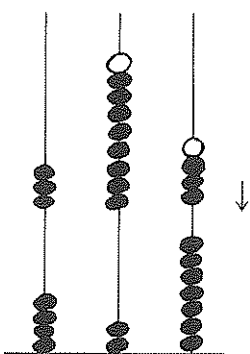
$$352 + 368 = \dots$$



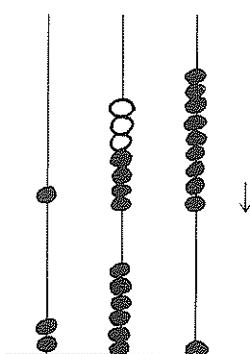
$$464 + 236 = \dots$$



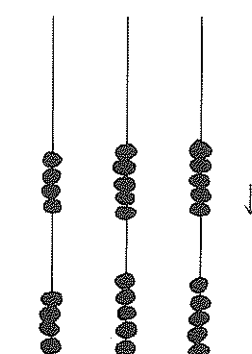
$$123 + 287 = \dots$$



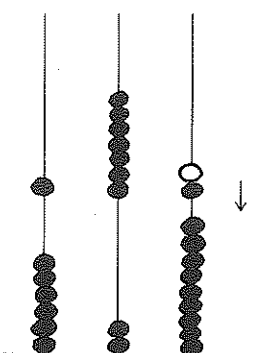
$$427 + 394 = \dots$$



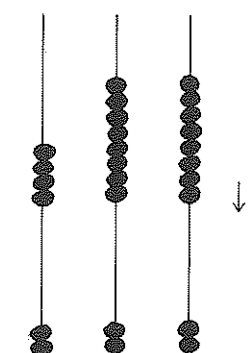
$$261 + 179 = \dots$$



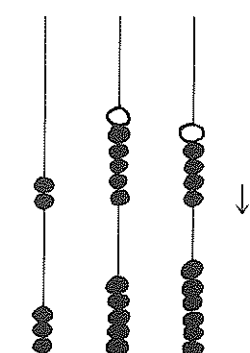
$$455 + 455 = \dots$$



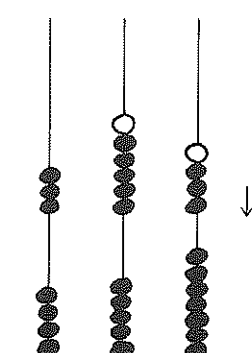
$$629 + 172 = \dots$$



$$222 + 488 = \dots$$



$$356 + 265 = \dots$$

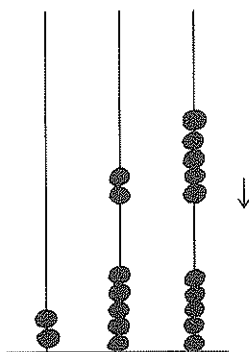


$$457 + 364 = \dots$$

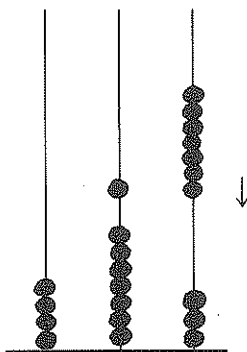
werkbld 5.8

1

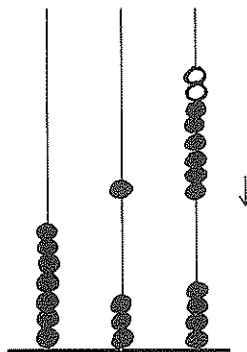
Met de abacus. Inwisselen.



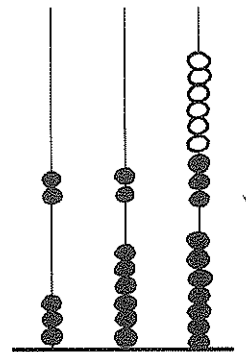
$$255 + 25 = \dots$$



$$473 + 17 = \dots$$



$$734 + 18 = \dots$$



$$367 + 229 = \dots$$

2

Reken deze sommen uit met de abacus.

$$48 + 33 = \dots$$

$$56 + 35 = \dots$$

$$155 + 35 = \dots$$

$$362 + 119 = \dots$$

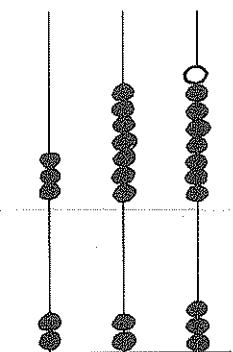
$$74 + 17 = \dots$$

$$48 + 36 = \dots$$

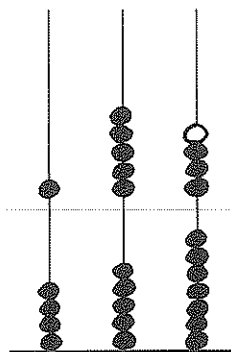
$$243 + 28 = \dots$$

$$446 + 148 = \dots$$

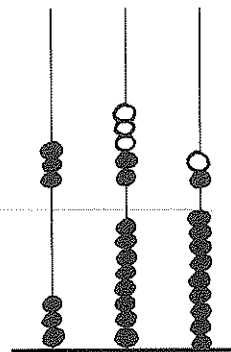
3



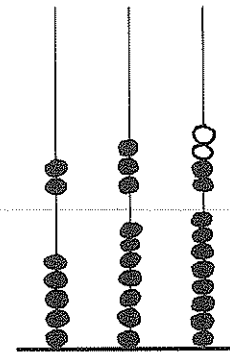
$$223 + 378 = \dots$$



$$457 + 154 = \dots$$



$$389 + 352 = \dots$$



$$578 + 234 = \dots$$

4

Reken deze sommen uit met de abacus.

$$357 + 364 = \dots$$

$$439 + 183 = \dots$$

$$439 + 182 = \dots$$

$$557 + 253 = \dots$$

$$479 + 256 = \dots$$

$$654 + 257 = \dots$$

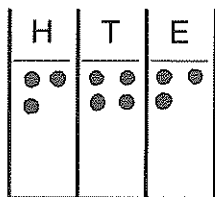
$$266 + 355 = \dots$$

$$432 + 368 = \dots$$

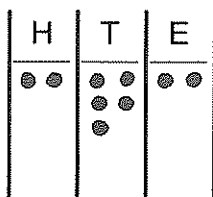
werkblad 5.9

1

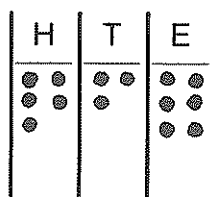
Honderdtallen. Tientallen. Eenheden. Welke getallen staan hier?



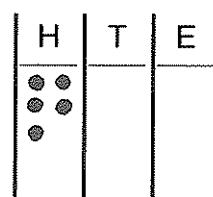
....



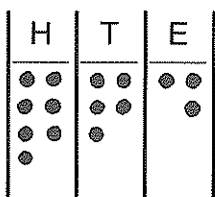
....



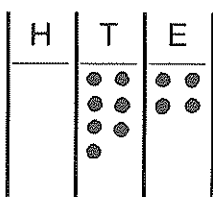
....



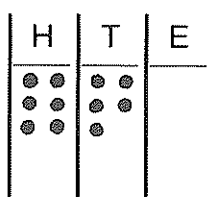
....



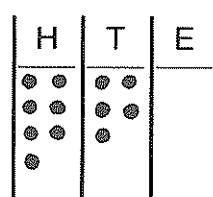
....



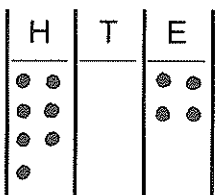
....



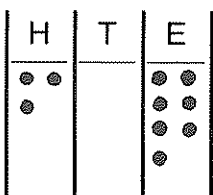
....



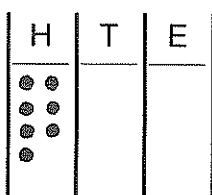
....



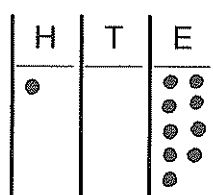
....



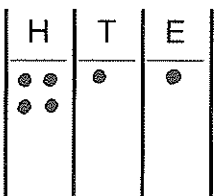
....



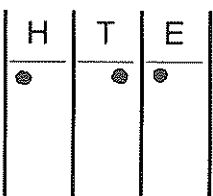
....



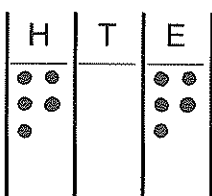
....



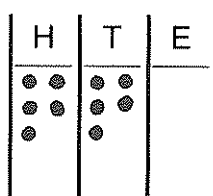
....



....



....



....

2

Getallen splitsen in honderdtallen, tientallen en eenheden.

	H	T	E
346			
674			
604			
78			
800			

	H	T	E
240			
603			
400			
90			
311			

werkblad 5.10

1

Erbij
2 tientallen

H	T	E
3	4	2

Erbij
2 honderdtallen

H	T	E
6	5	3

Erbij
4 eenheden

H	T	E
8	3	5

Erbij
3 tientallen

H	T	E
2	7	0

Erbij
4 H en 4 E

H	T	E
5	1	4

Erbij
2 T en 3 E

H	T	E
3	7	6

Erbij
2 H en 3 T

H	T	E
1	2	8

Erbij
2 H en 5 E

H	T	E
6	1	3

2

Erbij
3 H 3 T 3 E

H	T	E
2	5	4

Erbij
4 H 1 T 3 E

H	T	E
5	8	6

Erbij
2 H 6 T 1 E

H	T	E
3	1	8

Erbij
3 H 4 T 5 E

H	T	E
6	5	4

Erbij
1 H 6 T 3 E

H	T	E
2	1	4

Erbij
2 H 3 T 6 E

H	T	E
3	2	1

Erbij
1 H 7 T 1 E

H	T	E
4	2	5

Erbij
1 H 1 T 4 E

H	T	E
8	7	5

Erbij
4 T 3 E

H	T	E
2	5	6

Erbij
2 H 5 T 7 E

H	T	E
6	4	0

Erbij
3 H 5 T 5 E

H	T	E
2	5	2

Erbij
3 H 3 T 9 E

H	T	E
4	4	0

werkbld 5.11

1

H	T	E			
			↓		
			↓		
			↓		
			↓		
3	2	7		1	5
3	4	8		5	3
6	6	15			
6	7	5			

2

Elk streepje stelt een kraal voor.

H	T	E			
1	7	3		4	7
2	1	8		2	3

3

H	T	E			
...	...	...		...	...
...	...	...		...	...

werkblad 5.12

1

Optellen met één keer inwisselen.

H	T	E
≡	≡	≡
≡	≡	≡
≡	≡	≡
2	3	5
+	3	3

H	T	E
≡	≡	≡
≡	≡	≡
≡	≡	≡
4	4	4
+	4	4

H	T	E
—	≡	≡
≡	≡	≡
2	9	3
+	1	6

H	T	E
≡	≡	≡
≡	≡	≡
1	6	5
+	2	2

2

H	T	E
3	7	6
+	3	2

H	T	E
1	8	1
+	2	2

H	T	E
4	8	6
+	3	2

H	T	E
7	4	2
+	1	5

3

H	T	E
6	9	7
+	1	4

H	T	E
2	5	3
+	3	5

H	T	E
4	8	1
+	1	3

H	T	E
7	2	6
+	1	3

H	T	E
6	3	2
+	1	4

H	T	E
1	1	2
+	5	7

H	T	E
5	7	3
+	2	2

H	T	E
3	7	7
+	4	1

werkblad 5.13

1

Nu twee keer inwisselen!

	H	T	E
	7	5	8
+	1	7	3
	8	12	11
	9	13	7
	9	3	1

	H	T	E
	3	4	9
+	1	8	3

	H	T	E
	5	5	5
+	1	6	7

	H	T	E
	4	7	2
+	2	6	9

2

	H	T	E
	1	9	4
+	1	5	7

	H	T	E
	3	4	9
+	2	5	8

	H	T	E
	7	3	6
+	2	8	6

	H	T	E
	4	9	6
+	2	6	7

3

	H	T	E
	4	3	8
+	2	6	5

	H	T	E
	2	8	7
+	5	4	3

	H	T	E
	5	9	9
+	1	3	3

	H	T	E
	4	3	5
+	1	8	7

4

	H	T	E
	3	2	9
+		9	5

	H	T	E
	7	9	8
+		4	5

	H	T	E
	6	8	7
+		4	7

	H	T	E
	5	9	6
+		3	5

	H	T	E
	2	6	7
+	1	6	5

	H	T	E
	4	7	5
+	2	3	5

	H	T	E
	1	3	5
+	2	7	8

	H	T	E
	5	5	8
+	1	8	6

werkblad 5.14

1

Optellen zonder abacus.

$$\begin{array}{|c|c|c|} \hline 3 & 2 & 5 \\ + & 4 & 3 & 5 \\ \hline & & \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 2 & 8 & 2 \\ + & 2 & 5 & 8 \\ \hline & & \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 3 & 6 & 5 \\ + & 1 & 9 & 5 \\ \hline & & \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 2 & 8 & 2 \\ + & 2 & 7 & 8 \\ \hline & & \\ \hline \end{array}$$

2

$$\begin{array}{|c|c|c|} \hline 1 & 3 & 7 \\ + & 4 & 8 & 3 \\ \hline & & \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 2 & 4 & 1 \\ + & 6 & 5 & 9 \\ \hline & & \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 4 & 8 & 3 \\ + & 4 & 2 & 7 \\ \hline & & \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 2 & 3 & 6 \\ + & 4 & 2 & 4 \\ \hline & & \\ \hline \end{array}$$

3

$$\begin{array}{|c|c|c|} \hline 3 & 4 & 6 \\ + & 1 & 6 & 3 \\ \hline & & \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 4 & 8 & 2 \\ + & 3 & 2 & 9 \\ \hline & & \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 3 & 5 & 4 \\ + & 2 & 5 & 5 \\ \hline & & \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 2 & 7 & 1 \\ + & 3 & 3 & 4 \\ \hline & & \\ \hline \end{array}$$

4

$$\begin{array}{|c|c|c|} \hline 3 & 2 & 6 \\ + & 2 & 7 & 5 \\ \hline & & \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 4 & 1 & 9 \\ + & 3 & 8 & 3 \\ \hline & & \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 2 & 6 & 3 \\ + & 4 & 3 & 8 \\ \hline & & \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 4 & 5 & 8 \\ + & 5 & 4 & 4 \\ \hline & & \\ \hline \end{array}$$

5

$$\begin{array}{|c|c|c|} \hline 1 & 2 & 3 \\ + & 4 & 7 & 7 \\ \hline & & \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 4 & 6 & 5 \\ + & 4 & 3 & 5 \\ \hline & & \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 8 & 3 & 2 \\ + & 1 & 6 & 8 \\ \hline & & \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 4 & 7 & 3 \\ + & 2 & 2 & 7 \\ \hline & & \\ \hline \end{array}$$

werkbld 5.15

1

Optellen zonder abacus.

1	2	3
+	1	5

3	6	8
+	2	2

7	2	4
+	1	7

4	4	4
+	3	4

2

3	2	6
+	2	1

2	7	8
+	4	1

1	2	3
+	2	4

4	5	6
+	2	3

3

2	8	4
+	5	3

4	9	2
+	3	2

6	6	3
+	2	5

5	5	5
+	2	6

4

1	7	6
+	2	7

3	7	8
+	3	5

4	6	5
+	3	5

1	5	7
+	2	7

5

3	4	5
+	2	3

4	4	8
+	4	5

5	7	9
+	3	2

4	6	8
+	3	3

werkblad 5.16

1

Lange optellingen.

$$\begin{array}{r} \\ + \quad \begin{array}{|c|c|c|} \hline 2 & 7 \\ \hline 5 & 4 \\ \hline 6 & 3 \\ \hline \end{array} \\ \hline \end{array}$$

$$\begin{array}{r} \\ + \quad \begin{array}{|c|c|c|} \hline 4 & 8 \\ \hline 3 & 2 \\ \hline 7 & 6 \\ \hline \end{array} \\ \hline \end{array}$$

$$\begin{array}{r} \\ + \quad \begin{array}{|c|c|c|} \hline 8 & 4 \\ \hline 4 & 5 \\ \hline 3 & 6 \\ \hline \end{array} \\ \hline \end{array}$$

$$\begin{array}{r} \\ + \quad \begin{array}{|c|c|c|} \hline 9 & 2 \\ \hline 2 & 9 \\ \hline 3 & 1 \\ \hline \end{array} \\ \hline \end{array}$$

$$\begin{array}{r} \\ + \quad \begin{array}{|c|c|c|} \hline 1 & 9 \\ \hline 4 & 3 \\ \hline 3 & 4 \\ \hline \end{array} \\ \hline \end{array}$$

$$\begin{array}{r} \\ + \quad \begin{array}{|c|c|c|} \hline 8 & 9 \\ \hline 2 & 4 \\ \hline 5 & 3 \\ \hline \end{array} \\ \hline \end{array}$$

$$\begin{array}{r} \\ + \quad \begin{array}{|c|c|c|} \hline 3 & 9 \\ \hline 6 & 4 \\ \hline 3 & 5 \\ \hline \end{array} \\ \hline \end{array}$$

$$\begin{array}{r} \\ + \quad \begin{array}{|c|c|c|} \hline 4 & 7 \\ \hline 6 & 8 \\ \hline 5 & 2 \\ \hline \end{array} \\ \hline \end{array}$$

2

$$\begin{array}{r} \\ + \quad \begin{array}{|c|c|c|} \hline 1 & 5 & 6 \\ \hline 2 & 4 \\ \hline 6 & 3 \\ \hline 5 \\ \hline \end{array} \\ \hline \end{array}$$

$$\begin{array}{r} \\ + \quad \begin{array}{|c|c|c|} \hline 4 & 3 & 5 \\ \hline 5 & 6 \\ \hline 6 & 3 \\ \hline 1 & 2 & 4 \\ \hline \end{array} \\ \hline \end{array}$$

$$\begin{array}{r} \\ + \quad \begin{array}{|c|c|c|} \hline 6 & 2 \\ \hline 9 \\ \hline 7 & 8 \\ \hline 4 & 5 & 0 \\ \hline \end{array} \\ \hline \end{array}$$

$$\begin{array}{r} \\ + \quad \begin{array}{|c|c|c|} \hline 3 & 7 & 8 \\ \hline 0 & 6 \\ \hline 8 & 0 \\ \hline 4 & 5 \\ \hline \end{array} \\ \hline \end{array}$$

$$\begin{array}{r} \\ + \quad \begin{array}{|c|c|c|} \hline 7 & 1 \\ \hline 3 \\ \hline 2 & 4 \\ \hline 3 & 5 & 0 \\ \hline \end{array} \\ \hline \end{array}$$

$$\begin{array}{r} \\ + \quad \begin{array}{|c|c|c|} \hline 1 & 7 & 2 \\ \hline 4 & 1 \\ \hline 8 \\ \hline 7 & 2 & 5 \\ \hline \end{array} \\ \hline \end{array}$$

$$\begin{array}{r} \\ + \quad \begin{array}{|c|c|c|} \hline 4 & 3 \\ \hline 3 & 1 & 8 \\ \hline 6 & 2 \\ \hline 4 & 0 & 6 \\ \hline \end{array} \\ \hline \end{array}$$

$$\begin{array}{r} \\ + \quad \begin{array}{|c|c|c|} \hline 3 & 1 \\ \hline 2 & 9 \\ \hline 6 \\ \hline 5 & 3 \\ \hline \end{array} \\ \hline \end{array}$$

$$\begin{array}{r} \\ + \quad \begin{array}{|c|c|c|} \hline 3 & 9 & 1 \\ \hline 2 & 5 & 1 \\ \hline 4 & 5 \\ \hline 2 \\ \hline \end{array} \\ \hline \end{array}$$

$$\begin{array}{r} \\ + \quad \begin{array}{|c|c|c|} \hline 6 \\ \hline 2 & 3 \\ \hline 4 & 0 & 5 \\ \hline 7 & 3 \\ \hline \end{array} \\ \hline \end{array}$$

$$\begin{array}{r} \\ + \quad \begin{array}{|c|c|c|} \hline 2 & 3 & 4 \\ \hline 9 \\ \hline 5 & 1 \\ \hline 9 & 2 \\ \hline \end{array} \\ \hline \end{array}$$

$$\begin{array}{r} \\ + \quad \begin{array}{|c|c|c|} \hline 2 & 7 \\ \hline 3 & 4 & 0 \\ \hline 1 & 5 & 3 \\ \hline 1 \\ \hline \end{array} \\ \hline \end{array}$$

werkblad 5.17

1

Optellen.

351	472	596	283	246
<u>+ 265</u>	<u>+ 478</u>	<u>+ 214</u>	<u>+ 520</u>	<u>+ 564</u>
....				

354	816	133	305	282
<u>+ 325</u>	<u>+ 142</u>	<u>+ 577</u>	<u>+ 292</u>	<u>+ 549</u>
....				

2

Welke sommen zijn fout?

Verbeter die sommen. Zet het goede antwoord onder de som.

128	222	301	312	453
<u>+ 323</u>	<u>+ 668</u>	<u>+ 593</u>	<u>+ 574</u>	<u>+ 256</u>
451	880	894	896	609

219	318	723	300	718
<u>+ 503</u>	<u>+ 572</u>	<u>+ 198</u>	<u>+ 19</u>	<u>+ 2</u>
822	890	911	490	918

3

Vul de vergeten cijfers in.

312	205	9 2	3	723
<u>+ 419</u>	<u>+ 3 7</u>	<u>+ 17</u>	<u>+ 183</u>	<u>+ 1</u>
7 1	522	999	417	918

werkblad 5.18

1

Lange optellingen.

24	53	86	72	45	15
25	58	45	56	63	87
<u>+ 26</u>	<u>+ 57</u>	<u>+ 93</u>	<u>+ 39</u>	<u>+ 48</u>	<u>+ 69</u>
....					

83	32	49	82	31	18
51	66	71	67	42	81
<u>+ 76</u>	<u>+ 58</u>	<u>+ 33</u>	<u>+ 59</u>	<u>+ 56</u>	<u>+ 35</u>
....					

2

Nu iets grotere getallen.

253	164	168	444
145	329	168	333
<u>+ 317</u>	<u>+ 446</u>	<u>+ 168</u>	<u>+ 111</u>
....			

132	327	458	643
217	256	396	218
<u>+ 439</u>	<u>+ 289</u>	<u>+ 142</u>	<u>+ 112</u>
....			

234	555	416	714
456	333	130	136
<u>+ 123</u>	<u>+ 111</u>	<u>+ 254</u>	<u>+ 150</u>
....			

werkkblad 5.19

1

Zet de sommen zelf onder elkaar!

$$721 + 169 =$$

$$\begin{array}{r} \dots\dots\dots \\ + \dots\dots\dots \\ \hline \end{array}$$

.....

$$486 + 275 =$$

$$\begin{array}{r} \dots\dots\dots \\ + \dots\dots\dots \\ \hline \end{array}$$

.....

$$392 + 392 =$$

$$\begin{array}{r} \dots\dots\dots \\ + \dots\dots\dots \\ \hline \end{array}$$

.....

$$285 + 119 =$$

$$\begin{array}{r} \dots\dots\dots \\ + \dots\dots\dots \\ \hline \end{array}$$

.....

$$527 + 138 =$$

$$\begin{array}{r} \dots\dots\dots \\ + \dots\dots\dots \\ \hline \end{array}$$

.....

$$123 + 418 =$$

$$\begin{array}{r} \dots\dots\dots \\ + \dots\dots\dots \\ \hline \end{array}$$

.....

$$613 + 127 =$$

$$\begin{array}{r} \dots\dots\dots \\ + \dots\dots\dots \\ \hline \end{array}$$

.....

$$318 + 246 =$$

$$\begin{array}{r} \dots\dots\dots \\ + \dots\dots\dots \\ \hline \end{array}$$

.....

$$455 + 138 =$$

$$\begin{array}{r} \dots\dots\dots \\ + \dots\dots\dots \\ \hline \end{array}$$

.....

$$241 + 356 =$$

$$\begin{array}{r} \dots\dots\dots \\ + \dots\dots\dots \\ \hline \end{array}$$

.....

2

Een getallenpuzzel.

1	2	3		4	5	6
7				8		
9			10		11	
		12				
13	14				15	16
17		18		19		
20				21		

Horizontaal

1. $218 + 241$

13. $29 + 19$

4. $509 + 237$

15. $18 + 9$

7. $387 + 149$

17. $199 + 106$

8. $109 + 104$

19. $336 + 364$

9. $5 + 9$

20. $424 + 224$

11. $38 + 49$

21. $52 + 781$

12. $240 + 198$

Verticaal

1. $146 + 305$

13. $248 + 188$

2. $323 + 211$

14. $203 + 601$

3. $47 + 49$

15. $89 + 119$

4. $53 + 19$

16. $567 + 134$

5. $219 + 199$

18. $39 + 19$

6. $97 + 540$

19. $58 + 19$

10. $525 + 110$

werkkblad 5.20

1

Optellen in tabel.

+	108	217	324
316			
413			
555			
274			
333			

+	516	319	204
176			
321			
443			
422			
195			

2

+	107	299	315
342			
456			
392			
445			
278			

+	286	377	444
502			
334			
125			
297			
336			

werkblad 5.21

1

Aftrekken met de abacus.

$$\begin{array}{|c|c|c|} \hline & 9 & 7 \\ \hline - & 4 & 2 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline & 8 & 6 \\ \hline - & 3 & 1 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline & 4 & 8 \\ \hline - & 2 & 3 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline & 8 & 5 \\ \hline - & 3 & 4 \\ \hline \end{array}$$

2

$$\begin{array}{|c|c|c|} \hline 1 & 3 & 8 \\ \hline - & 2 & 5 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 3 & 2 & 7 \\ \hline - & 1 & 5 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 8 & 4 & 9 \\ \hline - & 3 & 9 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 4 & 7 & 5 \\ \hline - & 6 & 1 \\ \hline \end{array}$$

3

$$\begin{array}{|c|c|c|} \hline & 8 & 1 \\ \hline - & 1 & 8 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline & 7 & 4 \\ \hline - & 2 & 5 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline & 5 & 3 \\ \hline - & 3 & 7 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline & 6 & 2 \\ \hline - & 4 & 5 \\ \hline \end{array}$$

4

$$\begin{array}{|c|c|c|} \hline 3 & 6 & 1 \\ \hline - & 3 & 4 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 5 & 9 & 3 \\ \hline - & 7 & 5 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 2 & 8 & 4 \\ \hline - & 3 & 7 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 6 & 3 & 7 \\ \hline - & 2 & 8 \\ \hline \end{array}$$

5

$$\begin{array}{|c|c|c|} \hline 2 & 5 & 7 \\ \hline - & 6 & 4 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 3 & 8 & 2 \\ \hline - & 9 & 1 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 4 & 0 & 7 \\ \hline - & 1 & 4 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 6 & 3 & 5 \\ \hline - & 5 & 3 \\ \hline \end{array}$$

6

$$\begin{array}{|c|c|c|} \hline 1 & 8 & 2 \\ \hline - & 9 & 1 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 3 & 7 & 6 \\ \hline - & 4 & 9 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 4 & 4 & 4 \\ \hline - & 6 & 3 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 7 & 7 & 7 \\ \hline - & 6 & 8 \\ \hline \end{array}$$

werkbld 5.22

1

Aftrekken met de abacus.

$$\begin{array}{|c|c|c|} \hline 9 & 3 & 7 \\ \hline 2 & 2 & 5 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 6 & 2 & 9 \\ \hline 1 & 1 & 6 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 5 & 8 & 2 \\ \hline 3 & 6 & 1 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 4 & 3 & 8 \\ \hline 2 & 2 & 7 \\ \hline \end{array}$$

2

$$\begin{array}{|c|c|c|} \hline 7 & 5 & 9 \\ \hline 3 & 4 & 5 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 5 & 3 & 6 \\ \hline 1 & 1 & 5 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 8 & 2 & 9 \\ \hline 3 & 2 & 4 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 7 & 1 & 6 \\ \hline 3 & 1 & 4 \\ \hline \end{array}$$

3

$$\begin{array}{|c|c|c|} \hline 1 & 8 & 4 \\ \hline 1 & 2 & 7 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 3 & 7 & 6 \\ \hline 1 & 4 & 9 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 2 & 4 & 5 \\ \hline 1 & 3 & 8 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 7 & 8 & 3 \\ \hline 2 & 4 & 5 \\ \hline \end{array}$$

4

$$\begin{array}{|c|c|c|} \hline 3 & 4 & 9 \\ \hline 1 & 5 & 7 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 5 & 3 & 7 \\ \hline 3 & 5 & 6 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 6 & 2 & 4 \\ \hline 1 & 3 & 1 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 3 & 0 & 8 \\ \hline 1 & 2 & 4 \\ \hline \end{array}$$

5

$$\begin{array}{|c|c|c|} \hline 3 & 2 & 7 \\ \hline 2 & 1 & 9 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 5 & 9 & 6 \\ \hline 2 & 3 & 9 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 4 & 8 & 5 \\ \hline 3 & 9 & 4 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 3 & 7 & 3 \\ \hline 3 & 4 & 8 \\ \hline \end{array}$$

6

$$\begin{array}{|c|c|c|} \hline 2 & 8 & 3 \\ \hline & 4 & 5 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 4 & 5 & 7 \\ \hline & 6 & 6 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 8 & 3 & 1 \\ \hline & 1 & 3 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 2 & 4 & 6 \\ \hline & 4 & 9 \\ \hline \end{array}$$

werkblad 5.23

1

Deze sommen mag je met de abacus uitrekenen.

$$\begin{array}{|c|c|c|} \hline 3 & 4 & 2 \\ \hline 1 & 7 & 9 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 4 & 5 & 1 \\ \hline 2 & 6 & 4 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 5 & 5 & 6 \\ \hline 2 & 7 & 7 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 6 & 2 & 8 \\ \hline 4 & 7 & 9 \\ \hline \end{array}$$

2

$$\begin{array}{|c|c|c|} \hline 5 & 2 & 9 \\ \hline 1 & 5 & 4 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 8 & 1 & 3 \\ \hline 4 & 7 & 6 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 7 & 1 & 3 \\ \hline 2 & 4 & 5 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 8 & 5 & 2 \\ \hline 1 & 6 & 4 \\ \hline \end{array}$$

3

$$\begin{array}{|c|c|c|} \hline 5 & 2 & 4 \\ \hline 3 & 3 & 6 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 9 & 4 & 1 \\ \hline 1 & 6 & 5 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 3 & 4 & 1 \\ \hline 1 & 5 & 5 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 6 & 2 & 1 \\ \hline 2 & 3 & 7 \\ \hline \end{array}$$

4

$$\begin{array}{|c|c|c|} \hline 8 & 4 & 3 \\ \hline 2 & 5 & 7 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 6 & 3 & 1 \\ \hline 1 & 5 & 1 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 7 & 4 & 6 \\ \hline 3 & 5 & 8 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 2 & 3 & 4 \\ \hline 1 & 5 & 9 \\ \hline \end{array}$$

5

$$\begin{array}{|c|c|c|} \hline 7 & 1 & 4 \\ \hline 2 & 2 & 5 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 5 & 2 & 1 \\ \hline 2 & 3 & 8 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 4 & 4 & 5 \\ \hline 1 & 6 & 6 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 7 & 2 & 3 \\ \hline 4 & 2 & 9 \\ \hline \end{array}$$

6

$$\begin{array}{|c|c|c|} \hline 8 & 3 & 2 \\ \hline 1 & 5 & 5 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 6 & 6 & 3 \\ \hline 2 & 8 & 5 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 5 & 2 & 4 \\ \hline 2 & 3 & 7 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 7 & 2 & 2 \\ \hline 3 & 7 & 8 \\ \hline \end{array}$$

werkbld 5.24

1

Reken deze sommen uit met de abacus.

$$\begin{array}{|c|c|c|} \hline 4 & 7 & 3 \\ \hline 1 & 4 & 5 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 6 & 6 & 4 \\ \hline 5 & 2 & 7 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 2 & 9 & 2 \\ \hline 1 & 3 & 4 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 5 & 5 & 2 \\ \hline 2 & 3 & 4 \\ \hline \end{array}$$

2

$$\begin{array}{|c|c|c|} \hline 3 & 7 & 8 \\ \hline 1 & 5 & 6 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 2 & 4 & 6 \\ \hline 2 & 3 & 7 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 4 & 8 & 1 \\ \hline 3 & 7 & 7 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 7 & 2 & 6 \\ \hline 5 & 1 & 9 \\ \hline \end{array}$$

3

$$\begin{array}{|c|c|c|} \hline 3 & 5 & 7 \\ \hline 2 & 8 & 1 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 5 & 2 & 3 \\ \hline 4 & 1 & 4 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 6 & 7 & 8 \\ \hline 1 & 8 & 8 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 4 & 4 & 5 \\ \hline 2 & 4 & 3 \\ \hline \end{array}$$

4

$$\begin{array}{|c|c|c|} \hline 7 & 6 & 1 \\ \hline 6 & 5 & 0 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 8 & 3 & 2 \\ \hline 3 & 4 & 1 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 9 & 6 & 8 \\ \hline 7 & 7 & 1 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 3 & 5 & 6 \\ \hline 1 & 6 & 5 \\ \hline \end{array}$$

5

$$\begin{array}{|c|c|c|} \hline 2 & 5 & 4 \\ \hline 1 & 6 & 6 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 1 & 7 & 2 \\ \hline & 8 & 1 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 4 & 8 & 4 \\ \hline 2 & 4 & 6 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 6 & 4 & 3 \\ \hline 2 & 5 & 1 \\ \hline \end{array}$$

6

$$\begin{array}{|c|c|c|} \hline 5 & 9 & 8 \\ \hline 4 & 6 & 7 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 7 & 2 & 6 \\ \hline 4 & 3 & 1 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 8 & 3 & 4 \\ \hline 1 & 4 & 4 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 3 & 2 & 6 \\ \hline 1 & 4 & 7 \\ \hline \end{array}$$

werkblad 5.25

1

Eraf
4 tientallen

H	T	E
8	9	7

Eraf
3 eenheden

H	T	E
4	1	8

Eraf
2 honderdtallen

H	T	E
3	6	8

Eraf
7 tientallen

H	T	E
4	7	5

2

Eraf
6 Hen 4 E

H	T	E
9	0	7

Eraf
2 Hen 2 E

H	T	E
5	0	8

Eraf
3 Hen 5 E

H	T	E
6	0	5

Eraf
7 Hen 1 E

H	T	E
8	0	9

3

Eraf
2 Hen 1 T

H	T	E
4	2	8

Eraf
3 Hen 4 T

H	T	E
3	6	5

Eraf
2 Hen 7 T

H	T	E
4	7	1

Eraf
1 Hen 5 T

H	T	E
2	6	3

4

Eraf
2 Ten 6 E

H	T	E
4	3	7

Eraf
3 Ten 2 E

H	T	E
8	4	3

Eraf
6 Ten 5 E

H	T	E
2	7	5

Eraf
8 Ten 9 E

H	T	E
3	8	9

5

Eraf
4 Hen 8 E

H	T	E
4	7	9

Eraf
8 Hen 9 T

H	T	E
8	3	2

Eraf
1 Ten 0 E

H	T	E
1	1	1

Eraf
1 Hen 6 T

H	T	E
5	6	5

werkbld 5.26

1

Aftrekken met inwisselen.

H	T	E
8	8	16
8	8	8
- 2	4	8

H	T	E
4	6	15
4	7	8
- 1	4	9

H	T	E
8	9	3
- 4	2	6

H	T	E
5	8	5
- 3	2	7

2

H	T	E
2	7	4
- 1	0	5

H	T	E
4	1	3
- 1	0	9

H	T	E
5	2	6
- 3	1	8

H	T	E
6	3	1
- 4	1	3

3

H	T	E
7	8	1
- 2	5	7

H	T	E
3	2	5
- 2	1	9

H	T	E
6	2	7
- 3	1	8

H	T	E
4	4	3
- 1	2	7

4

H	T	E
3	1	8
- 1	0	9

H	T	E
3	4	8
- 1	3	9

H	T	E
7	2	6
- 5	1	7

H	T	E
9	5	2
- 6	1	4

werklad 5.27

1

Aftrekken met inwisselen.

	H	T	E
	5	15	7
	5	15	7
-	2	9	4

	H	T	E
	8	4	6
-	2	7	5

	H	T	E
	5	3	6
-	2	6	4

	H	T	E
	6	5	7
-	2	6	3

2

	H	T	E
	4	5	7
-	1	6	4

	H	T	E
	3	1	8
-	1	4	3

	H	T	E
	2	6	4
-	1	9	1

	H	T	E
	5	8	3
-	1	9	1

3

	H	T	E
	6	7	7
-	2	8	4

	H	T	E
	5	4	9
-	3	5	1

	H	T	E
	3	2	6
-	1	5	4

	H	T	E
	4	5	9
-	2	7	3

4

	H	T	E
	8	8	3
-	4	9	1

	H	T	E
	2	1	7
-	1	3	4

	H	T	E
	7	8	2
-	2	9	1

	H	T	E
	9	2	9
-	7	3	4

1

Aftrekken met inwisselen.

	H	T	E
	4	11	13
	5	1	13
	5	2	3
-	1	5	4

	H	T	E
	8	1	3
-	4	2	6

	H	T	E
	7	3	3
-	2	4	5

	H	T	E
	3	5	2
-	1	6	4

2

	H	T	E
	9	1	7
-	7	2	6

	H	T	E
	6	7	0
-	3	5	1

	H	T	E
	1	3	1
-	2	8	2

	H	T	E
	6	3	5
-	3	8	7

3

	H	T	E
	8	4	1
-	2	5	7

	H	T	E
	3	4	7
-	1	5	9

	H	T	E
	9	8	1
-	6	9	2

	H	T	E
	2	5	5
-	1	7	7

4

	H	T	E
	6	4	3
-	4	6	5

	H	T	E
	8	2	8
-	2	3	9

	H	T	E
	6	1	1
-	4	4	4

	H	T	E
	5	2	6
-	2	3	8

werklad 5.29

1

Aftrekken met nullen. Met of zonder abacus.

$$\begin{array}{r} 700 \\ - 800 \\ \hline \end{array}$$

$$\begin{array}{r} 200 \\ - 300 \\ \hline \end{array}$$

$$\begin{array}{r} 900 \\ - 600 \\ \hline \end{array}$$

$$\begin{array}{r} 300 \\ - 500 \\ \hline \end{array}$$

2

$$\begin{array}{r} 500 \\ - 920 \\ \hline \end{array}$$

$$\begin{array}{r} 400 \\ - 750 \\ \hline \end{array}$$

$$\begin{array}{r} 600 \\ - 950 \\ \hline \end{array}$$

$$\begin{array}{r} 800 \\ - 880 \\ \hline \end{array}$$

3

$$\begin{array}{r} 300 \\ - 140 \\ \hline \end{array}$$

$$\begin{array}{r} 600 \\ - 230 \\ \hline \end{array}$$

$$\begin{array}{r} 900 \\ - 440 \\ \hline \end{array}$$

$$\begin{array}{r} 700 \\ - 160 \\ \hline \end{array}$$

4

$$\begin{array}{r} 300 \\ - 170 \\ \hline \end{array}$$

$$\begin{array}{r} 200 \\ - 140 \\ \hline \end{array}$$

$$\begin{array}{r} 900 \\ - 380 \\ \hline \end{array}$$

$$\begin{array}{r} 800 \\ - 550 \\ \hline \end{array}$$

werkbld 5.30

Wiskunde - Aantekeningen

1

Moeilijke aftreksommen.

$$\begin{array}{r} 306 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 504 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 803 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 702 \\ - 6 \\ \hline \end{array}$$

2

$$\begin{array}{r} 608 \\ - 57 \\ \hline \end{array}$$

$$\begin{array}{r} 909 \\ - 66 \\ \hline \end{array}$$

$$\begin{array}{r} 208 \\ - 74 \\ \hline \end{array}$$

$$\begin{array}{r} 503 \\ - 22 \\ \hline \end{array}$$

3

$$\begin{array}{r} 209 \\ - 53 \\ \hline \end{array}$$

$$\begin{array}{r} 807 \\ - 76 \\ \hline \end{array}$$

$$\begin{array}{r} 406 \\ - 91 \\ \hline \end{array}$$

$$\begin{array}{r} 503 \\ - 41 \\ \hline \end{array}$$

4

$$\begin{array}{r} 704 \\ - 133 \\ \hline \end{array}$$

$$\begin{array}{r} 309 \\ - 248 \\ \hline \end{array}$$

$$\begin{array}{r} 207 \\ - 144 \\ \hline \end{array}$$

$$\begin{array}{r} 808 \\ - 555 \\ \hline \end{array}$$

werkblad 5.31

1

Aftrekken.

731	834	531	444	936
<u>- 264</u>	<u>- 296</u>	<u>- 265</u>	<u>- 186</u>	<u>- 278</u>
....				
298	409	700	940	411
<u>- 327</u>	<u>- 228</u>	<u>- 322</u>	<u>- 226</u>	<u>- 288</u>
....				

2

Welke sommen zijn fout?

Verbeter die sommen. Zet het goede antwoord onder de som.

726	832	934	327	555
<u>- 314</u>	<u>- 451</u>	<u>- 357</u>	<u>- 149</u>	<u>- 466</u>
412	421	587	178	111
600	500	709	380	910
<u>- 422</u>	<u>- 317</u>	<u>- 134</u>	<u>- 174</u>	<u>- 112</u>
288	183	675	114	798

3

Vul de vergeten cijfers in.

912	4 0	510	07	00
<u>- 24</u>	<u>- 123</u>	<u>- 3</u>	<u>- 84</u>	<u>- 111</u>
6 1	277	207	123	68

werkblad 5.32

1

Zet de sommen zelf onder elkaar.

$$468 - 253 =$$

.....
-

.....

$$795 - 371 =$$

.....
-

.....

$$345 - 127 =$$

.....
-

.....

$$622 - 244 =$$

.....
-

.....

$$504 - 231 =$$

.....
-

.....

$$712 - 449 =$$

.....
-

.....

$$957 - 439 =$$

.....
-

.....

$$812 - 248 =$$

.....
-

.....

$$611 - 288 =$$

.....
-

.....

$$555 - 367 =$$

.....
-

.....

2

Een getallenpuzzel.

1	2			3	4	5
6			7		8	
		9		10		
	11			12		
13		14	15			16
17	18				19	
20				21		

Horizontaal

$$1. 469 - 321$$

$$12. 252 - 188$$

$$3. 887 - 443$$

$$14. 666 - 444$$

$$6. 215 - 144$$

$$17. 600 - 506$$

$$8. 640 - 579$$

$$19. 402 - 352$$

$$9. 501 - 2$$

$$20. 710 - 403$$

$$11. 712 - 687$$

$$21. 419 - 99$$

Verticaal

$$1. 300 - 22$$

$$10. 999 - 37$$

$$2. 751 - 707$$

$$13. 794 - 201$$

$$4. 100 - 54$$

$$15. 450 - 422$$

$$5. 524 - 109$$

$$16. 904 - 204$$

$$7. 500 - 401$$

$$18. 579 - 39$$

$$9. 700 - 148$$

$$19. 300 - 248$$

werkblad 5.33

1

Aftrekken in tabel.

	242	131	120
488			
576			
345			
972			
659			

	126	337	298
774			
843			
458			
877			
551			

2

	109	230	217
600			
500			
300			
900			
800			

	122	245	291
708			
304			
807			
401			
309			

$$7 \times 67 = \dots$$
$$14 \times 26 = \dots$$
$$\dots + \dots = \dots$$
$$15 \times 24 = \dots + \dots = \dots$$

werkbblad 5.35

1 Vermenigvuldigen. In twee stappen inwisselen.

	2	4	
		6	×
	12	24	
	14	4	
1	4	4	

	4	5	×
		7	

	3	8	×
		6	

	5	2	×
		5	

2

	6	9	×
		9	

	2	5	×
		4	

	4	6	×
		8	

	7	7	×
		2	

3

	3	4	×
		4	

	8	7	×
		8	

	5	4	×
		5	

	6	3	×
		6	

4

	2	8	×
		7	

	3	7	×
		6	

	4	4	×
		8	

	5	9	×
		6	

5

	2	3	×
		5	

	4	1	×
		4	

	3	6	×
		7	

	7	2	×
		8	

	4	5	×
		5	
2	20 2	25 5	

	3	4	×
		5	

	5	3	×
		6	

	4	6	×
		4	

2

	6	4	×
		5	

	4	7	×
		7	

	1	9	×
		8	

	4	3	×
		9	

3

	2	8	×
		6	

	7	2	×
		7	

	3	7
		8

 $\times$

	3	2	×
		9	

4

	4	3	×
		6	

	7	2	×
		7	

	5	1	×
		8	

	6	2	×
		8	

5

	2	6	×
		7	

	2	2
		8

 $\times$

	2	1	×
		4	

	5	5	×
		6	

6

	5	9	×
		4	

	3	4	×
		5	

	4	8	×
		3	

	3	9	×
		3	

werkblad 5.37

1

Vermenigvuldigen zonder inwisselen.

	2	3
		6
1	1	8
1	2	
1	3	8

×

	8	4
		7

×

	1	4
		9

×

	6	8
		4

×

2

	3	5
		5

×

	2	6
		6

×

	3	7
		2

×

	4	6
		3

×

3

	3	1
		7

×

	3	8
		8

×

	4	7
		5

×

	7	4
		6

×

4

	4	2
		6

×

	6	9
		7

×

	7	1
		8

×

	8	5
		4

×

5

	9	6
		9

×

	4	8
		6

×

	5	7
		5

×

	7	9
		2

×

werkblad 5.38

1. Vermenigvuldigen met inwisselen.
 2. Vermenigvuldigen met inwisselen.
 3. Vermenigvuldigen met inwisselen.
 4. Vermenigvuldigen met inwisselen.

1

Vermenigvuldigen met inwisselen.

	2	9	
		7	×
	6	3	
1	4		
1	10	3	
2	0	3	

	6	4	
		8	×

	4	6	
		7	×

	7	8	
		4	×

2

	1	8	
		8	×

	6	9	
		3	×

	7	2	
		7	×

	7	7	
		4	×

3

	6	7	
		3	×

	3	9	
		6	×

	4	8	
		7	×

	2	3	
		9	×

4

	7	7	
		7	×

	6	6	
		8	×

	7	9	
		7	×

	1	6	
		8	×

werkbblad 5.39

Vermenigvuldigen.

3	1	9	×
		3	

4	1	9	×
		2	

3	1	9	×
		3	

2	0	8	×
		4	

1	8	2	×
		5	

werkblad 5.42



1

Vermenigvuldigen met inwisselen.

1	2	9	×
		7	
		3	
1	6		
7	4		
8	10	3	
9	0	3	

1	1	8	×
		8	

1	3	9	×
		6	

1	1	6	×
		8	

2

2	6	7	×
		3	

1	3	8	×
		6	

	4	9	×
		7	

1	7	8	×
		4	

3

1	3	4	×
		6	

	6	9	×
		6	

1	4	6	×
		7	

	4	5	×
		7	

4

	3	8	×
		8	

	2	3	×
		9	

1	1	7	×
		7	

1	1	9	×
		8	

werkblad 5.43

1

Tien keer.

		9
	1	0
×		
	9	0

		3
	1	0
×		

		7
	1	0
×		

	1	0
	1	0
×		

	1	9
	1	0
×		

	4	2
	1	0
×		

	5	0
	1	0
×		

	6	3
	1	0
×		

	9	4
	1	0
×		

	9	9
	1	0
×		

	6	0
	1	0
×		

	3	1
	1	0
×		

2

in
× 10
uit

in	uit
3	
8	
5	
7	
4	

in
× 10
uit

in	uit
12	
18	
31	
50	
69	

in
× 10
uit

in	uit
....	790
....	30
....	500
19	....
23	....

werkblad 5.44

5.44

1

	2	9
	1	2
2	9	0
	1	8
	4	0
2	14	8
3	4	8

10×29

2×9

2×20

	3	8
	1	3
....		
....		
....		
....		
....		
....		

10×38

3×8

3×30

	4	2
	1	7
....		
....		
....		
....		
....		
....		

10×42

7×2

7×40

2

	1	9
	1	5

.....

	2	7
	1	4

.....

	3	3
	1	6

.....

3

	2	5
	1	2

.....

	1	7
	2	9

.....

	3	3
	1	2

.....

4

	4	1
	1	6

.....

	5	8
	1	3

.....

	2	4
	1	7

.....

werkblad 5.45

1

	2	9
	1	2
2	9	0
	5	8
2	1	8
3	4	8

×

10 × 29

2 × 29

	2	3
	1	3
....		
....		
....		
....		

×

10 × 23

3 × 23

	2	6
	1	5
....		
....		
....		
....		

×

10 × 26

5 × 26

2

	3	8
	1	4

×

.....

.....

	4	2
	1	6

×

.....

.....

	5	3
	1	1

×

.....

.....

3

	1	8
	1	2

×

.....

.....

	3	3
	1	3

×

.....

.....

	2	7
	1	4

×

.....

.....

4

	3	2
	1	5

×

.....

.....

	4	1
	1	2

×

.....

.....

	3	7
	1	4

×

.....

.....

werkblad 5.46

1	26 <u>3 ×</u>	18 <u>4 ×</u>	17 <u>7 ×</u>	22 <u>5 ×</u>
	18 3 × 6	 4 × 8	.... ....	.... ....
	<u>60</u> 3 × 20	<u>....</u> 4 × 10	<u>....</u>	<u>....</u>
	78	....	....	....

2	31 <u>7 ×</u>	42 <u>8 ×</u>	27 <u>9 ×</u>	15 <u>6 ×</u>
---	------------------	------------------	------------------	------------------

3	51 <u>3 ×</u>	45 <u>8 ×</u>	24 <u>7 ×</u>	19 <u>6 ×</u>
---	------------------	------------------	------------------	------------------

4	23 <u>6 ×</u>	33 <u>4 ×</u>	44 <u>8 ×</u>	14 <u>7 ×</u>
---	------------------	------------------	------------------	------------------

5	52 <u>4 ×</u>	64 <u>9 ×</u>	38 <u>5 ×</u>	41 <u>5 ×</u>
---	------------------	------------------	------------------	------------------

werklad 5.47

1	246		237		184		154
	<u>3 ×</u>		<u>3 ×</u>		<u>4 ×</u>		<u>5 ×</u>
	18	3 × 6	....	3 × 7	....	4 × 4	 5 × 4
	120	3 × 40	....	3 × 30	....	4 × 80	 5 × 50
	<u>600</u>	3 × 200	<u>....</u>	3 × 200	<u>....</u>	4 × 100	<u>....</u> 5 × 100
	738		....		....		....

2	128		141		233		153
	<u>6 ×</u>		<u>7 ×</u>		<u>4 ×</u>		<u>6 ×</u>

3	126		145		219		324
	<u>7 ×</u>		<u>6 ×</u>		<u>4 ×</u>		<u>2 ×</u>

4	416		234		123		194
	<u>2 ×</u>		<u>3 ×</u>		<u>8 ×</u>		<u>3 ×</u>

5	217		134		172		139
	<u>3 ×</u>		<u>5 ×</u>		<u>4 ×</u>		<u>2 ×</u>

werkblad 5.48

1

<u>39</u>		<u>25</u>		<u>37</u>		<u>23</u>	
<u>13 ×</u>		<u>12 ×</u>		<u>14 ×</u>		<u>15 ×</u>	
27	3 × 9	....	2 × 5	....	4 × 7	....	5 × 3
90	3 × 30	....	2 × 20	....	4 × 30	....	5 × 20
90	10 × 9	....	10 × 5	....	10 × 7	....	10 × 3
<u>300</u>	10 × 30	<u>....</u>	10 × 20	<u>....</u>	10 × 30	<u>....</u>	10 × 20
507		....		....		....	

2

<u>48</u>	<u>31</u>	<u>24</u>	<u>28</u>
<u>12 ×</u>	<u>16 ×</u>	<u>17 ×</u>	<u>13 ×</u>

3

<u>22</u>	<u>26</u>	<u>34</u>	<u>28</u>
<u>14 ×</u>	<u>14 ×</u>	<u>15 ×</u>	<u>17 ×</u>

werkbld 5.49

1

$\begin{array}{r} 26 \\ 3 \times \\ \hline \end{array}$	$\begin{array}{r} 18 \\ 7 \times \\ \hline \end{array}$	$\begin{array}{r} 25 \\ 6 \times \\ \hline \end{array}$	$\begin{array}{r} 14 \\ 8 \times \\ \hline \end{array}$	$\begin{array}{r} 23 \\ 9 \times \\ \hline \end{array}$	$\begin{array}{r} 21 \\ 7 \times \\ \hline \end{array}$
....					

2

$\begin{array}{r} 13 \\ 4 \times \\ \hline \end{array}$	$\begin{array}{r} 22 \\ 6 \times \\ \hline \end{array}$	$\begin{array}{r} 15 \\ 7 \times \\ \hline \end{array}$	$\begin{array}{r} 27 \\ 5 \times \\ \hline \end{array}$	$\begin{array}{r} 13 \\ 9 \times \\ \hline \end{array}$	$\begin{array}{r} 19 \\ 8 \times \\ \hline \end{array}$
....					

3

$\times$	4	5	7
18			
23			
26			

$\times$	6	3	10
21			
17			
25			

4

in	uit
$\times 5$	
uit	

in	uit
$\times 7$	
uit	

in	uit
$\times 6$	
uit	

in	uit
$\times 4$	
uit	

in	uit
13	
17	
19	
14	

in	uit
14	
15	
18	
11	

in	uit
12	
24	
17	
29	

in	uit
23	
25	
27	
29	

Ruimte om de sommen onder elkaar uit te rekenen.

werkblad 5.50

1

$\begin{array}{r} 126 \\ 4 \times \\ \hline \end{array}$	$\begin{array}{r} 132 \\ 5 \times \\ \hline \end{array}$	$\begin{array}{r} 116 \\ 3 \times \\ \hline \end{array}$	$\begin{array}{r} 148 \\ 4 \times \\ \hline \end{array}$	$\begin{array}{r} 162 \\ 3 \times \\ \hline \end{array}$
....				

2

$\begin{array}{r} 118 \\ 5 \times \\ \hline \end{array}$	$\begin{array}{r} 129 \\ 6 \times \\ \hline \end{array}$	$\begin{array}{r} 136 \\ 4 \times \\ \hline \end{array}$	$\begin{array}{r} 144 \\ 3 \times \\ \hline \end{array}$	$\begin{array}{r} 153 \\ 2 \times \\ \hline \end{array}$
....				

3 Sommige antwoorden zijn fout. Verbeter die onder de som.

$\begin{array}{r} 123 \\ 4 \times \\ \hline \end{array}$	$\begin{array}{r} 117 \\ 6 \times \\ \hline \end{array}$	$\begin{array}{r} 118 \\ 3 \times \\ \hline \end{array}$	$\begin{array}{r} 206 \\ 4 \times \\ \hline \end{array}$	$\begin{array}{r} 127 \\ 5 \times \\ \hline \end{array}$
482	702	344	624	535

4

×	3	5	2
114			
132			
118			

×	4	7	6
120			
119			
104			

Ruimte om de sommen onder elkaar uit te rekenen.

werkbld 5.51

1

$\frac{29}{12 \times}$	$\frac{31}{16 \times}$	$\frac{14}{19 \times}$	$\frac{27}{11 \times}$	$\frac{48}{13 \times}$
....				

2

$\frac{23}{11 \times}$	$\frac{25}{13 \times}$	$\frac{19}{16 \times}$	$\frac{26}{18 \times}$	$\frac{34}{14 \times}$
....				

3

Een getallenpuzzel.

1		2		3		4
		5	6			
7	8			9		
	10		11			
12			13	14	15	
		16		17		
18			19			

Horizontaal

- | | |
|-------------------|--------------------|
| 1. 18×12 | 11. 7×9 |
| 3. 13×18 | 12. 4×15 |
| 5. 18×51 | 14. 13×2 |
| 7. 3×13 | 16. 21×16 |
| 9. 5×17 | 18. 13×41 |
| 10. 2×17 | 19. 14×33 |

Verticaal

- | | |
|-------------------|--------------------|
| 1. 13×21 | 9. 52×16 |
| 2. 3×23 | 12. 45×15 |
| 3. 14×2 | 13. 3×31 |
| 4. 31×15 | 15. 12×51 |
| 6. 9×2 | 16. 11×3 |
| 8. 31×30 | 17. 16×4 |

Staartdelen.

6 / 24 \dots

— 100 —

• • • •

8 /32/ . . .

Figure 1

• • • •

Staartdelen.

3 /27/ ...

• • • •

• • • •

5 /40\

조영진

• • • •

8 /56/

0 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 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040

• • • •

Reken deze sommen tussen deelstrepen uit.

54:6

45:5

werkblad 5.53

1

Delen met rest.

34 boeken
stapels van 5

$$5 \overline{)34} \dots$$

—

rest

43 boeken
stapels van 7

$$7 \overline{)43} \dots$$

—

rest

28 boeken
stapels van 6

$$6 \overline{)28} \dots$$

—

rest

39 boeken
stapels van 6

$$6 \overline{)39} \dots$$

—

rest

37 rozen
bosjes van 5

$$5 \overline{)37} \dots$$

—

rest

22 rozen
bosjes van 3

$$3 \overline{)22} \dots$$

—

rest

18 rozen
bosjes van 5

$$5 \overline{)18} \dots$$

—

rest

35 rozen
bosjes van 4

$$4 \overline{)35} \dots$$

—

rest

29 bonbons
doosjes van 8

$$8 \overline{)29} \dots$$

—

rest

53 bonbons
doosjes van 7

$$7 \overline{)53} \dots$$

—

rest

96 bonbons
doosjes van 10

$$10 \overline{)96} \dots$$

—

rest

83 bonbons
doosjes van 9

$$9 \overline{)83} \dots$$

—

rest

2

$$38 = 6 \times 6 + 2$$

$$38 : 6 = 6 \text{ rest } 2$$

$$43 = \dots \times 7 + \dots$$

$$43 : 7 = \dots \text{ rest } \dots$$

$$58 = \dots \times 6 + \dots$$

$$58 : 6 = \dots \text{ rest } \dots$$

$$41 = \dots \times 7 + \dots$$

$$41 : 7 = \dots \text{ rest } \dots$$

$$29 = \dots \times 4 + \dots$$

$$29 : 4 = \dots \text{ rest } \dots$$

$$47 = \dots \times 5 + \dots$$

$$47 : 5 = \dots \text{ rest } \dots$$

$$84 = \dots \times 9 + \dots$$

$$84 : 9 = \dots \text{ rest } \dots$$

$$61 = \dots \times 7 + \dots$$

$$61 : 7 = \dots \text{ rest } \dots$$

$$37 = \dots \times 5 + \dots$$

$$37 : 5 = \dots \text{ rest } \dots$$

3

$$8 \overline{)23} \dots$$

—

rest

$$5 \overline{)41} \dots$$

—

rest

$$6 \overline{)23} \dots$$

—

rest

$$7 \overline{)30} \dots$$

—

rest

$$8 \overline{)51} \dots$$

—

....

$$9 \overline{)37} \dots$$

—

....

$$2 \overline{)19} \dots$$

—

....

$$3 \overline{)29} \dots$$

—

....

werkbld 5.54

1

$$3/51 \setminus 10$$

$$\underline{30}$$

$$3/21 \setminus 7$$

$$\underline{21}$$

$$0$$

$$10 + 7 = 17$$

$$3/39 \setminus \dots$$

$$\underline{\dots}$$

$$3/\dots \setminus \dots$$

$$\underline{\dots}$$

$$\dots$$

$$\dots + \dots = \dots$$

$$4/48 \setminus \dots$$

$$\underline{\dots}$$

$$4/\dots \setminus \dots$$

$$\underline{\dots}$$

$$\dots$$

$$\dots + \dots = \dots$$

$$5/65 \setminus \dots$$

$$\underline{\dots}$$

$$5/\dots \setminus \dots$$

$$\underline{\dots}$$

$$\dots$$

$$\dots + \dots = \dots$$

2

Reken op dezelfde manier uit.

$$3/42 \setminus$$

$$4/60 \setminus$$

$$5/85 \setminus$$

$$7/77 \setminus$$

$$7/98 \setminus$$

$$9/126 \setminus$$

$$8/104 \setminus$$

$$9/108 \setminus$$

3

Zet zelf tussen de deelstrepen.

$$72 : 6$$

$$96 : 8$$

$$65 : 5$$

$$91 : 7$$

werkbblad 5.55

1

3/	T	E	\		T	E
	5	1			1	7
	3					
	2	1				
	L	20				
		21				
		21				
		0				

6/	T	E	\
	8	4	

2

7/	T	E	\
	9	1	

4/	T	E	\
	6	4	

3

9/	T	E	\
	9	9	

8 /	T	E	\
	9	6	

werkblad 5.56

1	$\begin{array}{r} 3/51 \setminus 17 \\ \hline 3 \\ 21 \\ \hline 21 \\ \hline 0 \end{array}$	$4/48 \setminus$	$5/70 \setminus$	$6/96 \setminus$
---	---	------------------	------------------	------------------

2	$3/48 \setminus$	$2/34 \setminus$	$5/90 \setminus$	$3/57 \setminus$
---	------------------	------------------	------------------	------------------

3	$4/52 \setminus$	$7/84 \setminus$	$9/99 \setminus$	$6/78 \setminus$
---	------------------	------------------	------------------	------------------

4	$5/75 \setminus$	$6/90 \setminus$	$5/85 \setminus$	$4/76 \setminus$
---	------------------	------------------	------------------	------------------

werkbblad 5.57

1

9/

T	E
6	5
0	

\

T	E
0	7

6	5
L	60
	65
	63
	2

7/	T	E	\
	4	4	

2

8/	T	E	\
	3	9	

6/	T	E	\
	5	5	

3

8/	T	E	\
	6	6	

7/	T	E	\
	5	3	

werkkblad 5.58

1	$\begin{array}{r} 9/65 \setminus 7 \\ \hline 63 \\ 2 \end{array}$	$4/31 \setminus$	$6/49 \setminus$	$8/60 \setminus$
---	---	------------------	------------------	------------------

2	$6/51 \setminus$	$7/31 \setminus$	$9/83 \setminus$	$6/33 \setminus$
---	------------------	------------------	------------------	------------------

3	$4/27 \setminus$	$7/46 \setminus$	$8/52 \setminus$	$5/37 \setminus$
---	------------------	------------------	------------------	------------------

4	$5/42 \setminus$	$7/66 \setminus$	$8/79 \setminus$	$9/42 \setminus$
---	------------------	------------------	------------------	------------------

5	$9/56 \setminus$	$4/38 \setminus$	$5/46 \setminus$	$8/35 \setminus$
---	------------------	------------------	------------------	------------------

werkbblad 5.59

1

4 /	H	T	E	\
	6	9	3	
	4			
	2	9	3	
	$\begin{array}{c} \downarrow \\ \rightarrow \end{array}$	20		
		29	3	
		28		
	$\begin{array}{c} \downarrow \\ \rightarrow \end{array}$	1	3	
			10	
			13	
			12	
			1	

H	T	E
1	7	3

3/	H	T	E
	4	4	4

H	T	E

6/	H	T	E	\
	7	5	6	

H	T	E

4/	H	T	E	\
	9	7	2	

H	T	E

werklad 5.60

Handwritten notes and markings at the top right of the page.

1	$4/693 \setminus 173$ <u>4</u> 29 <u>28</u> 13 <u>12</u> 1	$5/631 \setminus$	$7/917 \setminus$
---	--	-------------------	-------------------

2	$4/468 \setminus$	$5/937 \setminus$	$6/762 \setminus$
---	-------------------	-------------------	-------------------

3	$8/984 \setminus$	$3/656 \setminus$	$9/999 \setminus$
---	-------------------	-------------------	-------------------

4	$7/793 \setminus$	$5/618 \setminus$	$2/531 \setminus$
---	-------------------	-------------------	-------------------

werkbblad 5.61

1

6/	H	T	E	\
	3	7	4	
	0			
	3	7	4	
	↳	30		
		37	4	
		36		
	1	4		
	↳		10	
			14	
		12		
		2		

H	T	E
0	6	2

8/	H	T	E
	7	8	4

H	T	E

7/	H	T	E	\
	5	7	6	

H	T	E

9/	H	T	E
	6	6	5

H	T	E

werkkblad 5.62

1

6/374\62

7/525\

3/252\

36

14

12

2

2

4/284\

4/272\

5/265\

3

6/316\

4/151\

9/111\

4

7/381\

8/235\

6/438\

5

3/145\

9/247\

4/264\

werkbblad 5.63

1

	H	T	E
3/	8	0	6
	6		
	2	0	6
	↳	20	
		20	6
		18	
		2	6
		↳	20
			26
			24
			2

H	T	E
2	6	8

3/	H	T	E
	6	1	2

H	T	E

8/	H	T	E	\
	8	0	6	

H	T	E

4/	H	T	E
	8	8	0

H	T	E

werkblad 5.64

1

3/806\268

5/703\

6/704\

6

20

18

26

24

2

2

4/813\

7/742\

8/856\

3

7/703\

5/504\

8/807\

4

3/660\

2/440\

5/550\

werkbblad 5.65

1

13 /	H	T	E
	9	8	6
	0		
	9	8	6
	L →	90	
		98	6
		91	
		7	6
		L →	70
			76
			65
			11

H	T	E
0	7	5

14/	H	T	E
	8	5	7

H	T	E

17/	H	T	E
	7	9	2

H	T	E

19/	H	T	E
	7	1	5

H	T	E

werkblad 5.66

1

13/986\75

18/576\

19/812\

91

76

65

11

2

16/411\

15/856\

17/449\

3

12/816\

13/620\

14/265\

4

16/592\

12/562\

13/887\

werkbblad 5.67

1

32 /	H	T	E	\
	4	5	3	
	0			
	4	5	3	
	L →	40		
		45	3	
		32		
		13	3	
		L →	130	
			133	
			128	
			5	

H	T	E
0	1	4

27 /	H	T	E
	7	0	2

H	T	E

41 /	H	T	E	\
	9	1	4	

H	T	E

34 /	H	T	E
	9	2	4

H	T	E

werkblad 5.68

Handwritten text: *Handwritten notes or calculations.*

1

32 / 453 \ 14

24 / 614 \

23 / 726 \

32

133

128

5

2

33 / 614 \

38 / 466 \

43 / 721 \

3

52 / 906 \

42 / 536 \

28 / 477 \

4

31 / 520 \

26 / 391 \

45 / 738 \

werkblad 5.69

1

5/673\

7/398\

4/702\

2

3/623\

8/809\

4/880\

3

14/713\

13/436\

22/417\

4

7/847\

6/643\

28/310\

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	5
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---

Verdeel eerlijk.

(

(

werkbblad 5.71

1

Verdeel eerlijk met handige happen van 10, 20, 30 . . . tegelijk, zolang dat kan.

[illegible]

Knikkers verdelen. Ieder evenveel.

Er zijn er 222. Hoeveel krijgt ieder?

Verdeel ook: 432 knikkers; 504 knikkers; 750 knikkers.

Verdeel eerlijk met zo groot mogelijke hoeveelheden ineens.

werkbld 5.73

1

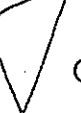
Uitdelen.

Verdeel 189 pepernoten over 7 zakjes.

							Over
10	10	10	....	....	....	....	....
....							
....							
In elk zakje							....

2

Verdeel 272 pepernoten over 8 zakjes.

								Over
....								
....								
....								
....								
In elk zakje								....

3

Verdeel 282 pepernoten over 6 zakjes.

						Over
....						
....						
....						
....						
In elk zakje						....

4

Verdeel 187 pepernoten over 5 zakjes.

					Over
....					
....					
....					
....					
In elk zakje					....

werkkblad 5.74

1

Uitdelen. Doe het zo handig mogelijk; in zo weinig mogelijk uitdeelrondes.

Verdeel 190 pepernoten over 5 zakjes.

					Over
....					
....					
....					
In elk zakje					....

2

Verdeel 322 pepernoten over 7 zakjes.

							Over
....							
....							
....							
....							
In elk zakje							....

3

Verdeel 236 pepernoten over 8 zakjes.

								Over
....								
....								
....								
In elk zakje								....

4

Verdeel 297 pepernoten over 9 zakjes.

									Over
....									
....									
....									
In elk zakje									....

werkbld 5.75

1

Eerlijk verdelen. Zoveel mogelijk happen van 10 ineens.

$$\begin{array}{r} 7 \overline{) 161} \\ \underline{70} \\ 91 \\ \underline{70} \\ 21 \\ \underline{21} \\ 0 \end{array} \quad \begin{array}{l} \triangle \\ 10 \\ 10 \\ 3 \\ 23 \end{array}$$

of

$$\begin{array}{r} 7 \overline{) 161} \\ \underline{140} \\ 21 \\ \underline{21} \\ 0 \end{array} \quad \begin{array}{l} \triangle \\ 20 \\ 3 \\ 23 \end{array}$$

$$6 \overline{) 156} \quad \triangle$$

$$7 \overline{) 259} \quad \triangle$$

$$8 \overline{) 376} \quad \triangle$$

$$5 \overline{) 170} \quad \triangle$$

2

$$9 \overline{) 468} \quad \triangle$$

$$4 \overline{) 132} \quad \triangle$$

$$7 \overline{) 196} \quad \triangle$$

$$8 \overline{) 448} \quad \triangle$$

3

$$3 \overline{) 192} \quad \triangle$$

$$5 \overline{) 240} \quad \triangle$$

$$6 \overline{) 384} \quad \triangle$$

$$8 \overline{) 568} \quad \triangle$$

werkblad 5.76

1

Eerlijk verdelen. Zoveel mogelijk happen van 100 en van 10 ineens.

9	$\begin{array}{r} 985 \\ 900 \\ \hline 85 \\ 81 \\ \hline 4 \end{array}$	 100
		$\begin{array}{r} 9 \\ \hline 109 \end{array}$

8	$\begin{array}{r} 812 \\ \hline \end{array}$	
---	--	---

7	$\begin{array}{r} 756 \\ \hline \end{array}$	
---	--	---

6	$\begin{array}{r} 639 \\ \hline \end{array}$	
---	--	---

2

5	$\begin{array}{r} 713 \\ \hline \end{array}$	
---	--	---

6	$\begin{array}{r} 750 \\ \hline \end{array}$	
---	--	---

3	$\begin{array}{r} 674 \\ \hline \end{array}$	
---	--	---

9	$\begin{array}{r} 963 \\ \hline \end{array}$	
---	--	---

3

2	$\begin{array}{r} 513 \\ \hline \end{array}$	
---	--	---

4	$\begin{array}{r} 843 \\ \hline \end{array}$	
---	--	---

8	$\begin{array}{r} 919 \\ \hline \end{array}$	
---	--	---

6	$\begin{array}{r} 763 \\ \hline \end{array}$	
---	--	---

4

3	$\begin{array}{r} 931 \\ \hline \end{array}$	
---	--	---

7	$\begin{array}{r} 862 \\ \hline \end{array}$	
---	--	---

5	$\begin{array}{r} 790 \\ \hline \end{array}$	
---	--	---

9	$\begin{array}{r} 904 \\ \hline \end{array}$	
---	--	---

werkblad 5.77

Eerlijk verdelen. Zo groot mogelijke happen ineens. Maak bij elke som een schema.

9	785		9
	720	80	10 × 90
			20 × 180
	65	100 ×	900
	63	7	80 × 720
	2	87	

1

5	453		5
		10 ×	....
		 ×	
		 ×	
		 ×	
		 ×	

7	637		7
		10 ×	....
		 ×	
		 ×	
		 ×	
		 ×	

2

8	493		8
		 ×	
		 ×	
		 ×	
		 ×	
		 ×	

6	534		6
		 ×	
		 ×	
		 ×	
		 ×	
		 ×	

3

9	643		9
		 ×	
		 ×	
		 ×	
		 ×	
		 ×	

6	497		6
		 ×	
		 ×	
		 ×	
		 ×	
		 ×	

4

3	259		3
		 ×	
		 ×	
		 ×	
		 ×	
		 ×	

8	351		8
		 ×	
		 ×	
		 ×	
		 ×	
		 ×	

(

$$\begin{array}{r} 17 \\ 10 \times \dots \\ \dots \times \dots \\ \dots \times \dots \\ \dots \times \dots \\ \dots \times \dots \end{array}$$

	16
.... ×	
.... ×	
.... ×	
.... ×	

14
.....
.....
.....
.....
.....

19

.....X.....

.....X.....

.....X.....

.....X.....

werkbblad 5.79

1

5 369

8 251

6 380

7 158

2

3 387

5 509

8 916

6 746

3

3 273

6 489

7 292

5 418

4

12 374

18 730

16 652

13 924

werkblad 5.80

Rekenen met de 100

1

$3+2=...$

$0+5=...$

$5+3=...$

$1+8=...$

$2+1=...$

$4+1=...$

$2+8=...$

$7+2=...$

$1+3=...$

$2+0=...$

$3+4=...$

$4+5=...$

$2+3=...$

$3+1=...$

$4+6=...$

$3+3=...$

2

$6+2=...$

$11+4=...$

$12+6=...$

$15+2=...$

$3+6=...$

$15+3=...$

$14+4=...$

$14+5=...$

$2+7=...$

$13+6=...$

$16+3=...$

$15+5=...$

$2+5=...$

$17+2=...$

$11+8=...$

$13+4=...$

3

$8+7=...$

$7+7=...$

$9+3=...$

$2+13=...$

$6+8=...$

$6+5=...$

$7+6=...$

$6+14=...$

$4+9=...$

$4+7=...$

$9+9=...$

$3+11=...$

$8+3=...$

$2+9=...$

$8+5=...$

$7+12=...$

werkblad 5.81

1	$4 - 2 = \dots$	$3 - 2 = \dots$	$10 - 3 = \dots$	$9 - 6 = \dots$
	$3 - 1 = \dots$	$5 - 0 = \dots$	$9 - 2 = \dots$	$8 - 7 = \dots$
	$2 - 0 = \dots$	$4 - 3 = \dots$	$8 - 4 = \dots$	$6 - 4 = \dots$
	$5 - 3 = \dots$	$2 - 2 = \dots$	$7 - 5 = \dots$	$10 - 8 = \dots$

2	$10 - 6 = \dots$	$20 - 10 = \dots$	$19 - 7 = \dots$	$20 - 5 = \dots$
	$9 - 4 = \dots$	$17 - 5 = \dots$	$15 - 2 = \dots$	$19 - 5 = \dots$
	$7 - 6 = \dots$	$13 - 2 = \dots$	$16 - 4 = \dots$	$17 - 4 = \dots$
	$8 - 5 = \dots$	$15 - 4 = \dots$	$18 - 7 = \dots$	$18 - 6 = \dots$

3	$20 - 5 = \dots$	$14 - 7 = \dots$	$12 - 8 = \dots$	$19 - 11 = \dots$
	$17 - 8 = \dots$	$13 - 8 = \dots$	$19 - 10 = \dots$	$17 - 12 = \dots$
	$16 - 8 = \dots$	$11 - 6 = \dots$	$14 - 8 = \dots$	$18 - 13 = \dots$
	$15 - 9 = \dots$	$18 - 9 = \dots$	$12 - 6 = \dots$	$14 - 12 = \dots$

werkbld 5.82

1

$7 \times \dots = 28$	$6 \times \dots = 54$	$6 \times \dots = 42$	$5 \times \dots = 30$
$5 \times \dots = 30$	$4 \times \dots = 20$	$8 \times \dots = 40$	$3 \times \dots = 12$
$3 \times \dots = 24$	$2 \times \dots = 6$	$7 \times \dots = 21$	$2 \times \dots = 4$
$8 \times \dots = 56$	$9 \times \dots = 18$	$9 \times \dots = 72$	$4 \times \dots = 36$

2

$\dots \times 6 = 42$	$\dots \times 5 = 25$	$\dots \times 8 = 72$	$\dots \times 7 = 42$
$\dots \times 8 = 48$	$\dots \times 9 = 63$	$\dots \times 2 = 12$	$\dots \times 3 = 18$
$\dots \times 4 = 36$	$\dots \times 3 = 18$	$\dots \times 6 = 36$	$\dots \times 9 = 81$
$\dots \times 2 = 14$	$\dots \times 7 = 35$	$\dots \times 4 = 36$	$\dots \times 5 = 35$

3

$37 = \dots \times 5 + \dots$	$85 = \dots \times 9 + \dots$	$37 = \dots \times 7 + \dots$
$48 = \dots \times 9 + \dots$	$64 = \dots \times 7 + \dots$	$47 = \dots \times 6 + \dots$
$59 = \dots \times 7 + \dots$	$57 = \dots \times 6 + \dots$	$34 = \dots \times 8 + \dots$
$67 = \dots \times 8 + \dots$	$45 = \dots \times 8 + \dots$	$29 = \dots \times 4 + \dots$

4

$29 = 6 \times \dots + \dots$	$58 = 8 \times \dots + \dots$	$71 = 9 \times \dots + \dots$
$17 = 4 \times \dots + \dots$	$54 = 7 \times \dots + \dots$	$24 = 3 \times \dots + \dots$
$26 = 8 \times \dots + \dots$	$51 = 6 \times \dots + \dots$	$31 = 10 \times \dots + \dots$
$39 = 6 \times \dots + \dots$	$34 = 5 \times \dots + \dots$	$40 = 6 \times \dots + \dots$

werkblad 5.83

Opteltabel.

+	1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10	11
2	3	4	5	6	7	8	9	10	11	12
3	4	5	6	7	8	9	10	11	12	13
4	5	6	7	8	9	10	11	12	13	14
5	6	7	8	9	10	11	12	13	14	15
6	7	8	9	10	11	12	13	14	15	16
7	8	9	10	11	12	13	14	15	16	17
8	9	10	11	12	13	14	15	16	17	18
9	10	11	12	13	14	15	16	17	18	19
10	11	12	13	14	15	16	17	18	19	20

+	1	2	3
1	2	3	4
2	3	4	5
3	4	5	6
4	5	6	7

Voorbeeld:

$$4 + 3 = 7$$

$$3 + 2 = 5$$

Aftrektabel.

—	10	9	8	7	6	5	4	3	2	1
20	10	11	12	13	14	15	16	17	18	19
19	9	10	11	12	13	14	15	16	17	18
18	8	9	10	11	12	13	14	15	16	17
17	7	8	9	10	11	12	13	14	15	16
16	6	7	8	9	10	11	12	13	14	15
15	5	6	7	8	9	10	11	12	13	14
14	4	5	6	7	8	9	10	11	12	13
13	3	4	5	6	7	8	9	10	11	12
12	2	3	4	5	6	7	8	9	10	11
11	1	2	3	4	5	6	7	8	9	10
10	0	1	2	3	4	5	6	7	8	9

—	10	9	8
20	10	11	12
19	9	10	11
18	8	9	10
17	7	8	9

Voorbeeld:

$$19 - 8 = 11$$

$$17 - 9 = 8$$

werkblad 5.85

Vermenigvuldig- en deeltabel tafels 1 t/m 10.

×	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

×	1	2	3	4
1	1	2	3	4
2	2	4	6	8
3	3	6	9	12
4	4	8	12	16
5	5	10	15	20

Voorbeeld:

$$5 \times 3 = 15$$

$$12 = 3 \times \dots$$

$$8 : 2 = \dots$$

werkblad 5.86

Vermenigvuldig- en deeltabel tafels 11 t/m 20.

×	11	12	13	14	15	16	17	18	19	20
1	11	12	13	14	15	16	17	18	19	20
2	22	24	26	28	30	32	34	36	38	40
3	33	36	39	42	45	48	51	54	57	60
4	44	48	52	56	60	64	68	72	76	80
5	55	60	65	70	75	80	85	90	95	100
6	66	72	78	84	90	96	102	108	114	120
7	77	84	91	98	105	112	119	126	133	140
8	88	96	104	112	120	128	136	144	152	160
9	99	108	117	126	135	144	153	162	171	180
10	110	120	130	140	150	160	170	180	190	200

×	11	12	13
1	11	12	13
2	22	24	26
3	33	36	39
4	44	48	52

Voorbeeld:

$$4 \times 12 = 48$$

$$39 = \dots \times 13$$

$$22 : 2 = \dots$$