

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

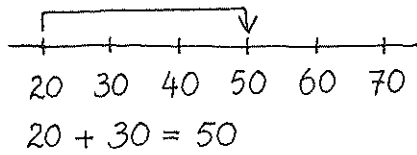
—	10	9	8
20	10	11	12
19	9	10	11
18	8	9	10
17	7	8	9

Voorbeeld:

$$19 - 8 = 11$$

$$17 - 9 = 8$$

Welke som hoort hierbij?



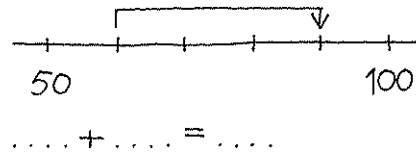
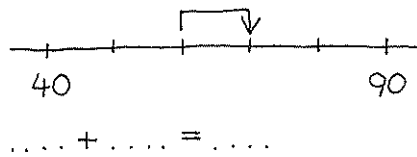
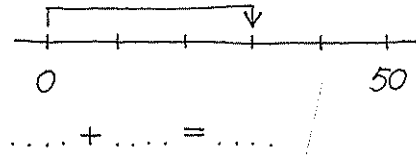
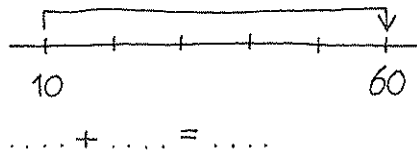
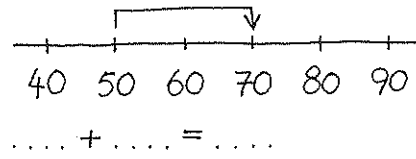
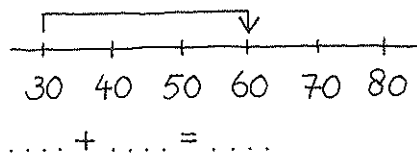
Ik spring op de getallenlijn van 20 naar 50.

Dat is 30 verder.

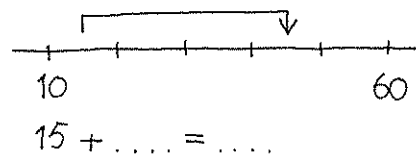
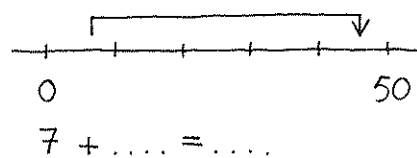
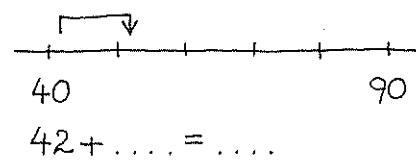
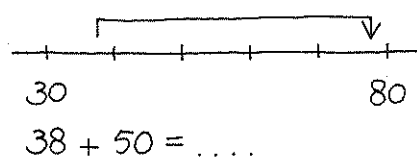
Hierbij hoort de som $20 + 30 = 50$.

1

Schrijf bij elke getallenlijn de som die erbij hoort.

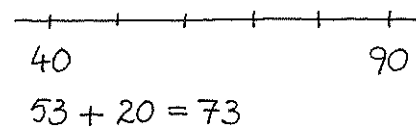
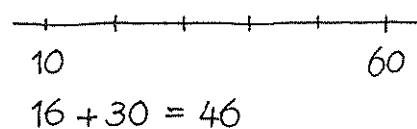
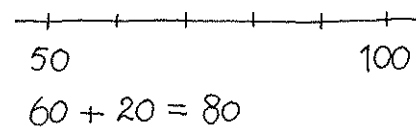
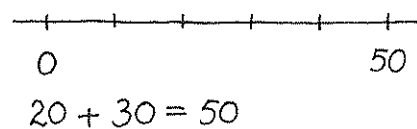


2



3

Teken de som met een pijl op de getallenlijn.



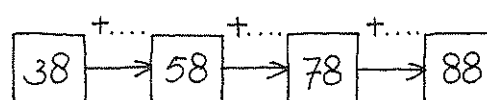
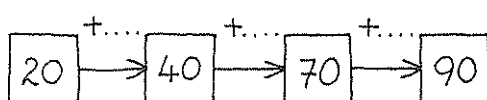
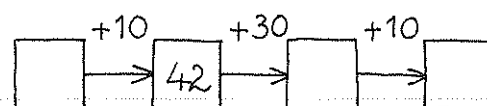
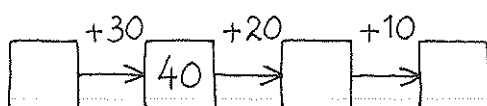
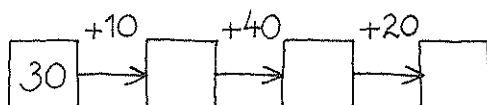
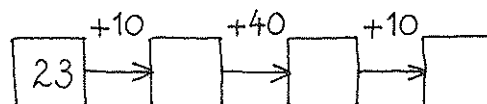
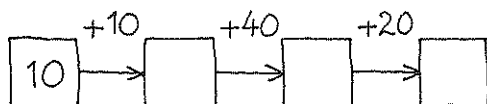
1

Vul alle getallen onder de pijlen in.

1			5					
11				16				20
21		23					29	
					37			
	42							
51		54						
					78			
								100

1					8			
11		14						20
21								
				36				
	42							
		53						
61					67			
							79	
			85					100

2



3

$10 + 40 = \dots$

$17 + 40 = \dots$

$9 + 2 = \dots$

$3 + 1 = \dots$

$20 + 70 = \dots$

$53 + 20 = \dots$

$19 + 2 = \dots$

$3 + 11 = \dots$

$30 + 50 = \dots$

$78 + 10 = \dots$

$19 + 12 = \dots$

$13 + 21 = \dots$

$40 + 40 = \dots$

$59 + 40 = \dots$

$39 + 32 = \dots$

$23 + 41 = \dots$

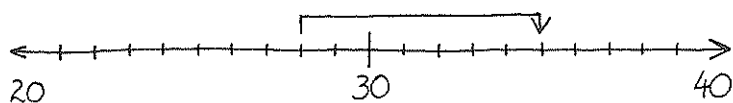
$30 + 30 = \dots$

$44 + 30 = \dots$

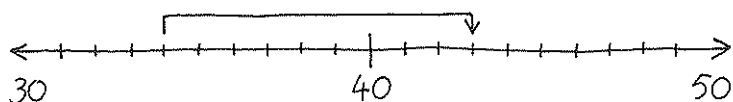
$49 + 42 = \dots$

$33 + 61 = \dots$

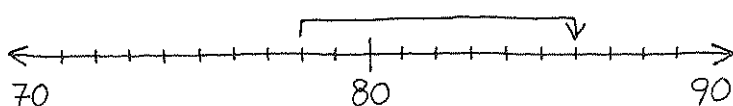
1 Welke som hoort hierbij?



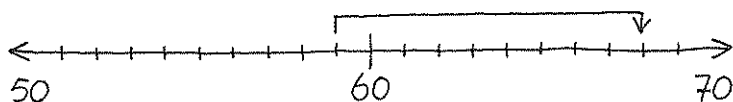
$$28 + 7 = \dots$$



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

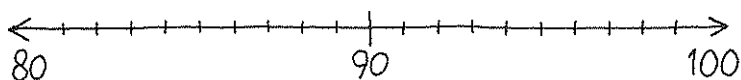


$$\dots + \dots = \dots$$

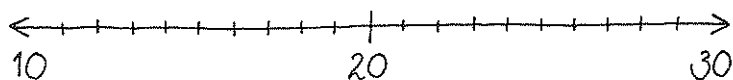


$$\dots + \dots = \dots$$

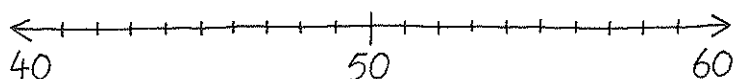
2 Teken de som met een pijl op de getallenlijn.



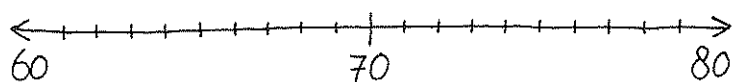
$$84 + 8 = \dots$$



$$16 + 6 = \dots$$



$$45 + 8 = \dots$$



$$66 + 9 = \dots$$

3 Nu deze sommen.

Gebruik hierbij getallenlijnen (werkblad basis 2.10).

$$43 + 9 = \dots$$

$$94 + 6 = \dots$$

$$42 + 9 = \dots$$

$$38 + 7 = \dots$$

$$65 + 7 = \dots$$

$$23 + 7 = \dots$$

$$53 + 9 = \dots$$

$$45 + 8 = \dots$$

$$36 + 5 = \dots$$

$$48 + 2 = \dots$$

$$48 + 9 = \dots$$

$$59 + 7 = \dots$$

$$87 + 7 = \dots$$

$$75 + 5 = \dots$$

$$76 + 9 = \dots$$

$$34 + 8 = \dots$$

$$23 + 8 = \dots$$

$$66 + 4 = \dots$$

$$41 + 9 = \dots$$

$$28 + 5 = \dots$$



$$49 + 26 = \dots$$

Eerst denken we $49 + 20 = 69$.

Die 69 schrijven we in de linkerballon.

Van de 26 blijft nu nog 6 over. Dit schrijven we in de rechterballon. De som is nu geworden $69 + 6 = \dots$

$$\text{Dus } 49 + 26 = \underbrace{49 + 20}_{69} + 6 = 75.$$

1

Gebruik de ballons bij het uitrekenen.

Nu met 1 ballon.



$$59 + 34 = \dots$$



$$35 + 36 = \dots$$



$$42 + 21 = \dots$$



$$64 + 27 = \dots$$



$$73 + 29 = \dots$$



$$68 + 31 = \dots$$



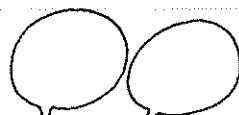
$$48 + 33 = \dots$$



$$34 + 37 = \dots$$



$$31 + 29 = \dots$$



$$75 + 16 = \dots$$



$$63 + 19 = \dots$$



$$43 + 42 = \dots$$



$$36 + 37 = \dots$$



$$58 + 35 = \dots$$



$$66 + 23 = \dots$$

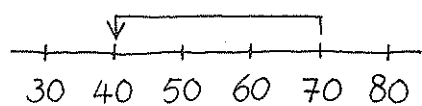
2

$\vec{+}$	19	28	37
24	43		
35			
46			
57			

$\vec{+}$	46	19	35
16	62		
27			
38			
49			

$\vec{+}$	29	17	38
13	42		
24			
56			
45			

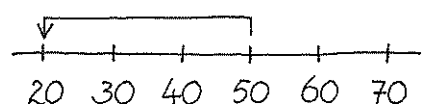
Welke som hoort hierbij?



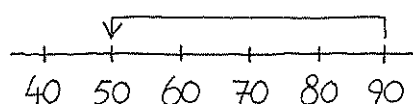
Ik spring op de getallenlijn van 70 naar 40.
Dat is 30 terug.

Hierbij hoort de som $70 - 30 = 40$.

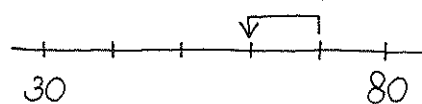
1 Schrijf bij elke getallenlijn de som die erbij hoort.



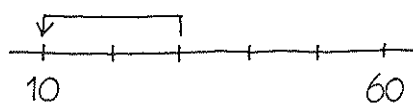
.... - =



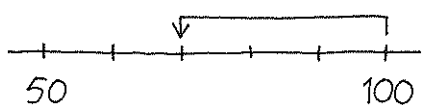
.... - =



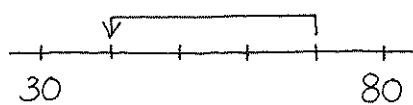
.... - =



.... - =



.... - =



.... - =



$67 - 40 = \dots$



$23 - 10 = \dots$

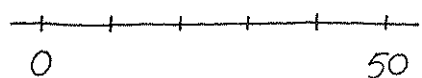


$61 - 40 = \dots$



$54 - 30 = \dots$

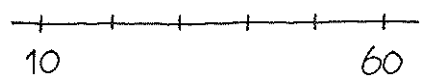
3 Teken de som met een pijl op de getallenlijn.



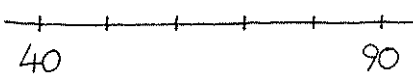
$40 - 20 = 20$



$70 - 40 = 30$



$55 - 20 = 35$



$85 - 30 = 55$

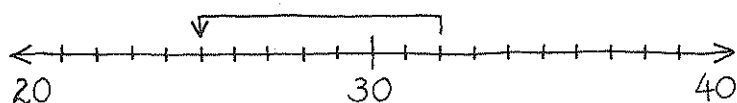
1							
11		14	↑				
21							30
	↑		35		↑		
	42			↑		↑	
					58		
			↑			69	
	↑			77			
			86				
	93						100

```
graph LR
    86 -- "step 1" --> 46
    46 -- "step 2" --> 26
    26 -- "step 3" --> 16
```

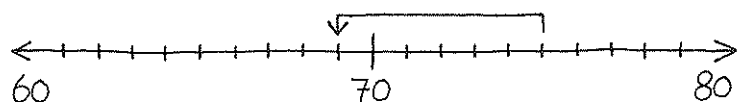
$$71 - 62 = \dots$$

1

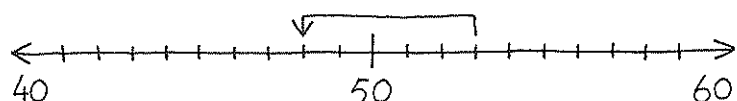
Welke som hoort hierbij?



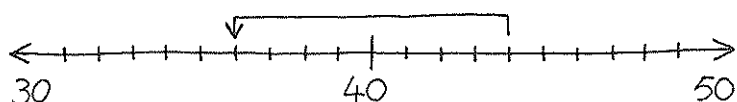
$$32 - 7 = \dots$$



$$\dots - \dots = \dots$$



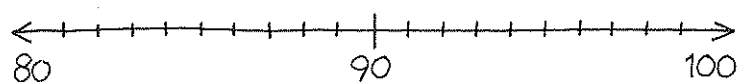
$$\dots - \dots = \dots$$



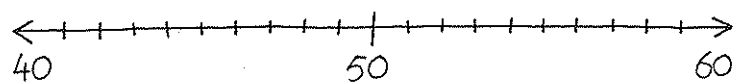
$$\dots - \dots = \dots$$

2

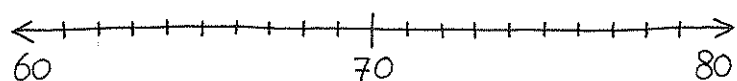
Teken de som met een pijl op de getallenlijn.



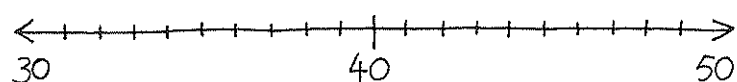
$$93 - 6 = \dots$$



$$52 - 7 = \dots$$



$$75 - 9 = \dots$$



$$44 - 6 = \dots$$

3

Nu deze sommen.

$$51 - 6 = \dots$$

$$44 - 9 = \dots$$

$$53 - 9 = \dots$$

$$42 - 3 = \dots$$

$$47 - 8 = \dots$$

$$31 - 5 = \dots$$

$$24 - 9 = \dots$$

$$93 - 4 = \dots$$

$$53 - 5 = \dots$$

$$72 - 6 = \dots$$

$$91 - 9 = \dots$$

$$77 - 8 = \dots$$

$$27 - 9 = \dots$$

$$33 - 8 = \dots$$

$$45 - 9 = \dots$$

$$64 - 5 = \dots$$

$$78 - 9 = \dots$$

$$82 - 7 = \dots$$

$$67 - 9 = \dots$$

$$85 - 6 = \dots$$



$$82 - 56 = \dots$$

Eerst denken we $82 - 50 = 32$.

Die 32 schrijven we in de linkerballon.

Van de 56 blijft nu nog 6 over. Dit schrijven we in de rechterballon. De som is nu geworden $32 - 6 = \dots$

$$\text{Dus } 82 - 56 = \underbrace{82 - 50}_{32} - 6 = 26$$

1

Gebruik de ballons bij het uitrekenen.

Nu met 1 ballon.



$$23 - 19 = \dots$$



$$41 - 26 = \dots$$



$$51 - 12 = \dots$$



$$64 - 27 = \dots$$



$$75 - 37 = \dots$$



$$83 - 15 = \dots$$



$$48 - 19 = \dots$$



$$34 - 19 = \dots$$



$$46 - 29 = \dots$$



$$51 - 17 = \dots$$



$$56 - 49 = \dots$$



$$55 - 46 = \dots$$



$$63 - 38 = \dots$$



$$37 - 29 = \dots$$



$$58 - 39 = \dots$$

2

$\geq$	37	28	19
91	54		
62			
83			
74			

$\geq$	18	49	36
62	44		
73			
98			
77			

$\geq$	17	27	47
68	51		
53			
77			
99			

1

Wat heeft er gestaan?

20 +	= 100
40 +	= 100
70 +	= 100
30 +	= 100
50 +	= 100

25 +	= 100
35 +	= 100
55 +	= 100
75 +	= 100
15 +	= 100

34 +	= 100
24 +	= 100
64 +	= 100
84 +	= 100
14 +	= 100

2

-2 +2

$42 + 58 = 40 + 60 = 100$

$33 + 67 = \dots + \dots = \dots$

$28 + 72 = \dots + \dots = \dots$

$39 + 61 = \dots + \dots = \dots$

-7 +7

$37 + 63 = 30 + 70 = 100$

$41 + 59 = \dots + \dots = \dots$

$56 + 44 = \dots + \dots = \dots$

$27 + 73 = \dots + \dots = \dots$

3

$100 - 30 = \dots$

$100 - 25 = \dots$

$100 - 1 = \dots$

$100 - 32 = \dots$

$100 - 50 = \dots$

$100 - 75 = \dots$

$100 - 9 = \dots$

$100 - 52 = \dots$

$100 - 10 = \dots$

$100 - 15 = \dots$

$100 - 3 = \dots$

$100 - 63 = \dots$

$100 - 90 = \dots$

$100 - 35 = \dots$

$100 - 5 = \dots$

$100 - 19 = \dots$

$100 - 70 = \dots$

$100 - 95 = \dots$

$100 - 8 = \dots$

$100 - 11 = \dots$

4

$31 + 29 = \dots$

$22 + 28 = \dots$

$80 - 12 = \dots$

$40 - 33 = \dots$

$48 + 22 = \dots$

$33 + 37 = \dots$

$70 - 15 = \dots$

$30 - 23 = \dots$

$65 + 25 = \dots$

$44 + 46 = \dots$

$40 - 28 = \dots$

$80 - 79 = \dots$

$29 + 11 = \dots$

$49 + 11 = \dots$

$90 - 34 = \dots$

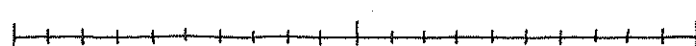
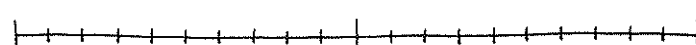
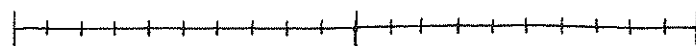
$80 - 69 = \dots$

$44 + 36 = \dots$

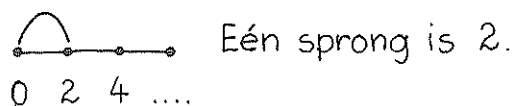
$57 + 23 = \dots$

$60 - 22 = \dots$

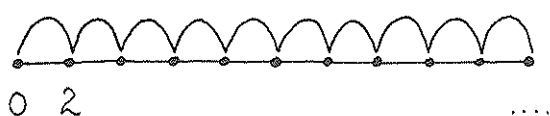
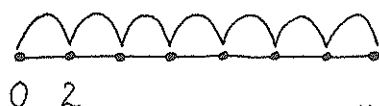
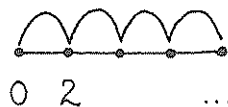
$80 - 59 = \dots$



1

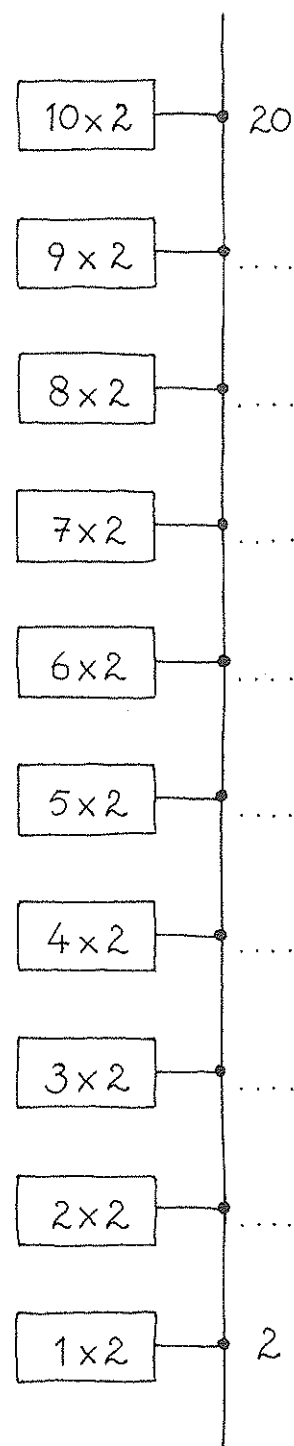
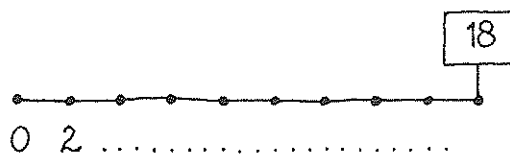
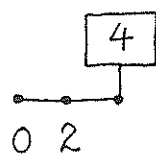
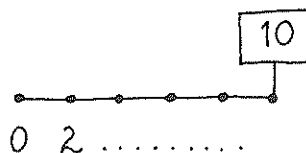
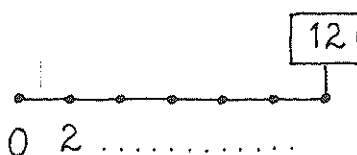


Allemaal sprongen van 2. Waar kom ik terecht?

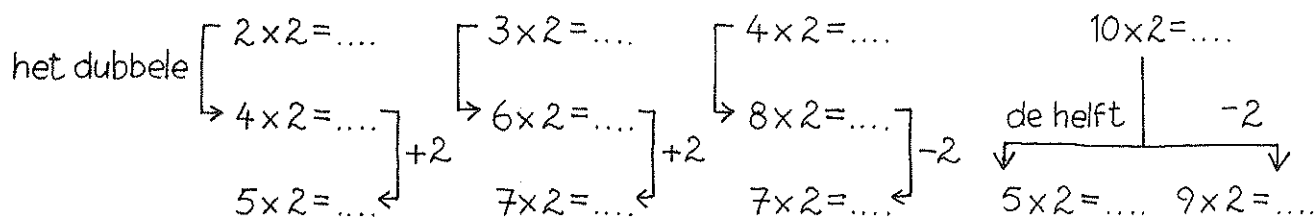


2

Met hoeveel sprongen ben ik bij het bordje?
Teken de sprongen. Zet de getallen onder de lijn.



3



1

 Eén sprong is 3.
0 3 6

Allemaal sprongen van 3. Waar kom ik terecht?


0 3


0 3


0 3

2

Met hoeveel sprongen ben ik bij het bordje?
Teken de sprongen. Zet de getallen onder de lijn.


0 3 sprongen


0 3 sprongen


0 3 sprongen


0 3 sprongen

10×3 30

9×3

8×3

7×3

6×3

5×3

4×3

3×3

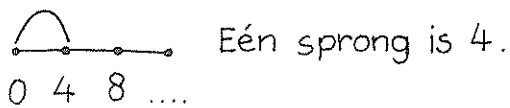
2×3

1×3 3

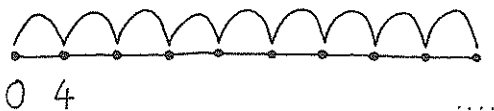
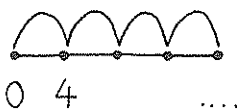
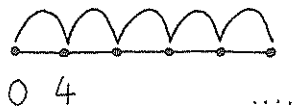
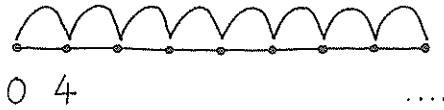
3

het dubbele $\left[\begin{array}{l} 2 \times 3 = \dots \\ 4 \times 3 = \dots \end{array} \right] + 3$ $\left[\begin{array}{l} 3 \times 3 = \dots \\ 6 \times 3 = \dots \end{array} \right] + 3$ $\left[\begin{array}{l} 4 \times 3 = \dots \\ 8 \times 3 = \dots \end{array} \right] - 3$ $10 \times 3 = \dots$
de helft $\left[\begin{array}{l} 5 \times 3 = \dots \\ 9 \times 3 = \dots \end{array} \right] - 3$

1

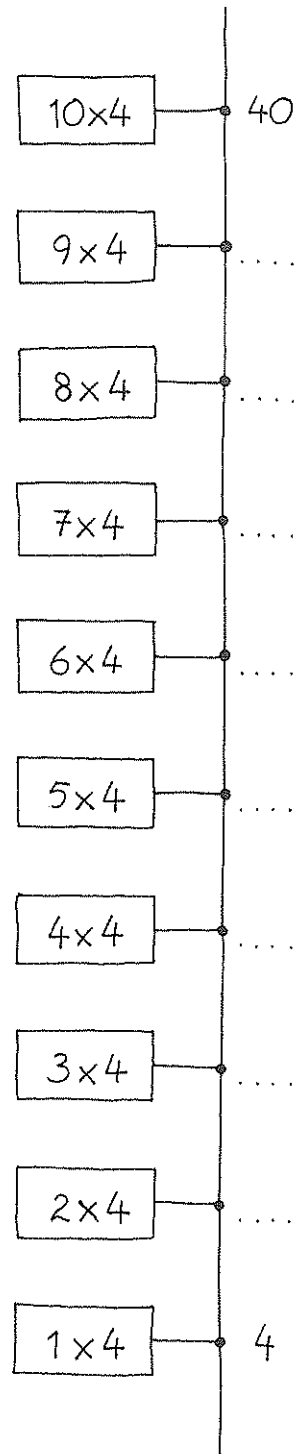
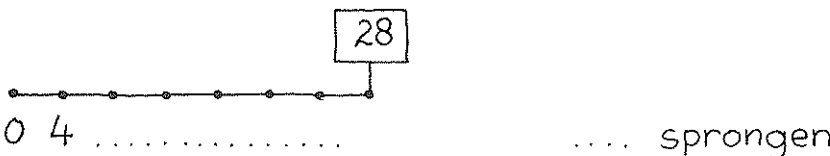
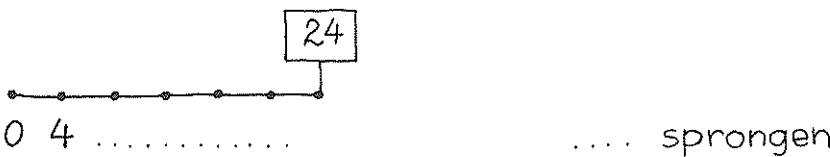
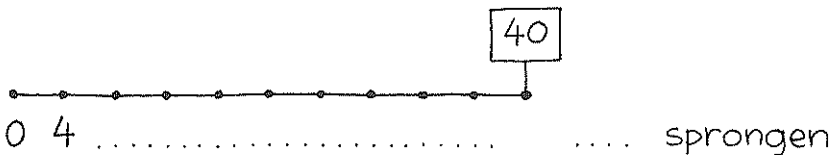


Allemaal sprongen van 4. Waar kom ik terecht?

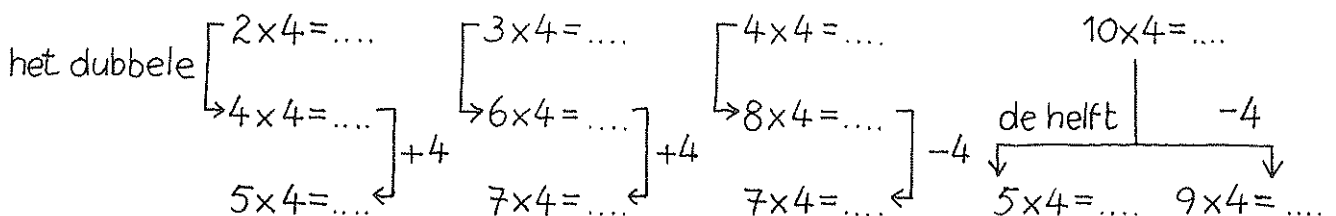


2

Met hoeveel sprongen ben ik bij het bordje?
Teken de sprongen. Zet de getallen onder de lijn.



3



1

Eén sprong is 5.
0 5 10

Allemaal sprongen van 5. Waar kom ik terecht?

0 5

0 5

0 5

0 5

10x5 50

9x5

8x5

7x5

6x5

5x5

4x5

3x5

2x5

1x5 5

2

Met hoeveel sprongen ben ik bij het bordje?
Teken de sprongen. Zet de getallen onder de lijn.

10
0 5 sprongen

20
0 5 sprongen

25
0 5 sprongen

45
0 5 sprongen

3

het dubbele $\left[\begin{array}{l} 2 \times 5 = \dots \\ 4 \times 5 = \dots \\ 5 \times 5 = \dots \end{array} \right] +5$ $\left[\begin{array}{l} 3 \times 5 = \dots \\ 6 \times 5 = \dots \\ 7 \times 5 = \dots \end{array} \right] +5$ $\left[\begin{array}{l} 4 \times 5 = \dots \\ 8 \times 5 = \dots \\ 7 \times 5 = \dots \end{array} \right] -5$ $\left[\begin{array}{l} 10 \times 5 = \dots \\ 5 \times 5 = \dots \end{array} \right] -5$
de helft $\left[\begin{array}{l} 5 \times 5 = \dots \\ 9 \times 5 = \dots \end{array} \right]$

1

 Eén sprong is 6.
0 6 12

Allemaal sprongen van 6. Waar kom ik terecht?


0 6 30


0 6 18


0 6 12


0 6 48

2

Met hoeveel sprongen ben ik bij het bordje?
Teken de sprongen. Zet de getallen onder de lijn.


0 6 30 sprongen


0 6 54 sprongen


0 6 36 sprongen


0 6 60 sprongen

10x6	60
9x6	.....
8x6	.....
7x6	.....
6x6	.....
5x6	.....
4x6	.....
3x6	.....
2x6	.....
1x6	6

3

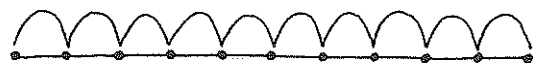
het dubbele $\left[\begin{array}{l} 2 \times 6 = \dots \\ 4 \times 6 = \dots \end{array} \right] + 6$ $\left[\begin{array}{l} 3 \times 6 = \dots \\ 6 \times 6 = \dots \end{array} \right] + 6$ $\left[\begin{array}{l} 4 \times 6 = \dots \\ 8 \times 6 = \dots \end{array} \right] - 6$ $\left[\begin{array}{l} 10 \times 6 = \dots \\ 5 \times 6 = \dots \end{array} \right]$
 $\left[\begin{array}{l} 5 \times 6 = \dots \\ 7 \times 6 = \dots \end{array} \right] + 6$ $\left[\begin{array}{l} 7 \times 6 = \dots \\ 14 \times 6 = \dots \end{array} \right] - 6$
 de helft $\left[\begin{array}{l} 10 \times 6 = \dots \\ 5 \times 6 = \dots \end{array} \right] - 6$ $\left[\begin{array}{l} 9 \times 6 = \dots \\ 4 \times 6 = \dots \end{array} \right]$

1

 Eén sprong is 7.
0 7 14

Allemaal sprongen van 7. Waar kom ik terecht?


0 7


0 7


0 7


0 7

10×7 70

9×7

8×7

7×7

6×7

5×7

4×7

3×7

2×7

1×7 7

2

Met hoeveel sprongen ben ik bij het bordje?
Teken de sprongen. Zet de getallen onder de lijn.


0 7 sprongen


0 7 sprongen

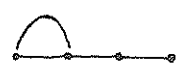

0 7 sprongen


0 7 sprongen

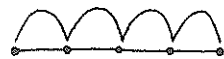
3

het dubbele $\left[\begin{array}{l} 2 \times 7 = \dots \\ 4 \times 7 = \dots \\ 5 \times 7 = \dots \end{array} \right. +7$ $\left[\begin{array}{l} 3 \times 7 = \dots \\ 6 \times 7 = \dots \\ 7 \times 7 = \dots \end{array} \right. +7$ $\left[\begin{array}{l} 4 \times 7 = \dots \\ 8 \times 7 = \dots \\ 7 \times 7 = \dots \end{array} \right. -7$ $\left[\begin{array}{l} 10 \times 7 = \dots \\ 5 \times 7 = \dots \\ 9 \times 7 = \dots \end{array} \right.$

1

 Eén sprong is 8.
0 8 16

Allemaal sprongen van 8. Waar kom ik terecht?


0 8

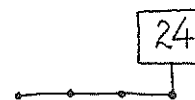

0 8


0 8


0 8

2

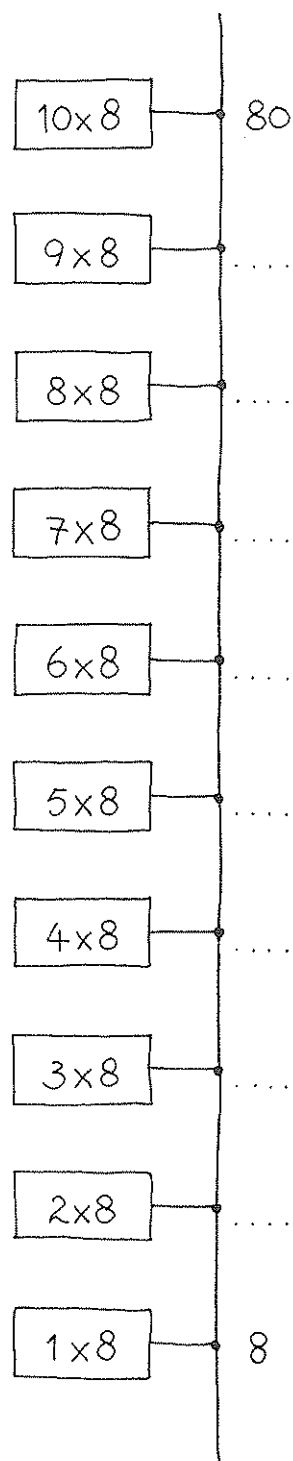
Met hoeveel sprongen ben ik bij het bordje?
Teken de sprongen. Zet de getallen onder de lijn.


0 8 sprongen


0 8 sprongen


0 8 sprongen


0 8 sprongen



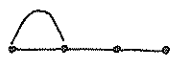
3

het dubbele $\left[\begin{array}{l} 2 \times 8 = \dots \\ 4 \times 8 = \dots \end{array} \right] + 8$ $\left[\begin{array}{l} 3 \times 8 = \dots \\ 6 \times 8 = \dots \end{array} \right] + 8$ $\left[\begin{array}{l} 4 \times 8 = \dots \\ 8 \times 8 = \dots \end{array} \right] - 8$

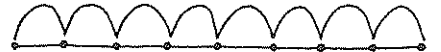
$5 \times 8 = \dots$ $7 \times 8 = \dots$ $7 \times 8 = \dots$

$10 \times 8 = \dots$
de helft -8
 $5 \times 8 = \dots$ $9 \times 8 = \dots$

1

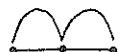
 Eén sprong is 9.
0 9 18

Allemaal sprongen van 9. Waar kom ik terecht?


0 9


0 9


0 9


0 9

10x9 90

9x9

8x9

7x9

6x9

5x9

4x9

3x9

2x9

1x9 9

2

Met hoeveel sprongen ben ik bij het bordje?
Teken de sprongen. Zet de getallen onder de lijn.


0 9 sprongen


0 9 sprongen


0 9 sprongen


0 9 sprongen

3

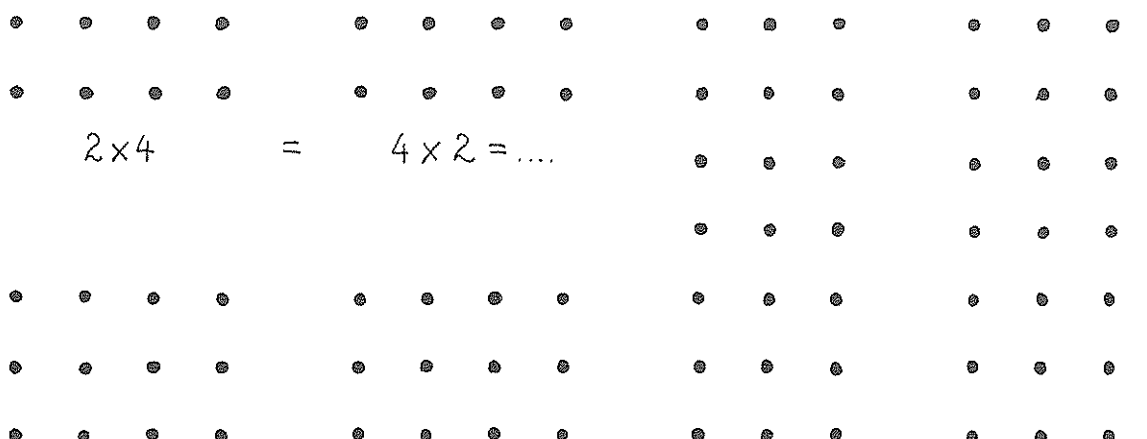
het dubbele $\left\{ \begin{array}{l} 2 \times 9 = \dots \\ 4 \times 9 = \dots \\ 5 \times 9 = \dots \end{array} \right.$ $\left\{ \begin{array}{l} 3 \times 9 = \dots \\ 6 \times 9 = \dots \\ 7 \times 9 = \dots \end{array} \right.$ $\left\{ \begin{array}{l} 4 \times 9 = \dots \\ 8 \times 9 = \dots \\ 7 \times 9 = \dots \end{array} \right.$ $\left\{ \begin{array}{l} 10 \times 9 = \dots \\ \text{de helft} \\ 5 \times 9 = \dots \end{array} \right.$ $\left\{ \begin{array}{l} -9 \\ 9 \times 9 = \dots \end{array} \right.$

1



$$2 \times 3 = 3 \times 2 = 6$$

Laat in de figuren met strepen zien en vul de antwoorden in:



$$2 \times 4 = 4 \times 2 = \dots$$

$$\dots \times \dots = \dots \quad \dots \times \dots = \dots \quad \dots \times \dots = \dots \quad \dots \times \dots = \dots$$

2

$$6 \times 2 = 2 \times 6 = \dots \quad 7 \times 2 = \dots \times 7 = \dots$$

$$6 \times 3 = \dots \times 6 = \dots \quad 7 \times 3 = \dots \times 7 = \dots$$

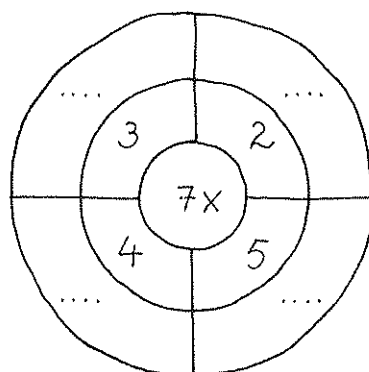
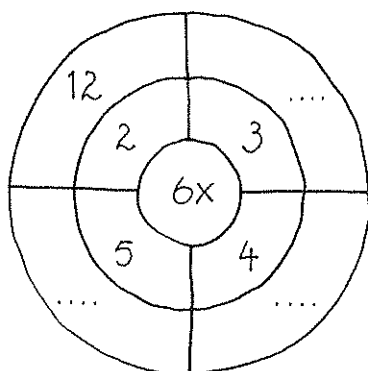
$$6 \times 4 = \dots \times 6 = \dots \quad 7 \times 4 = \dots \times 7 = \dots$$

$$6 \times 5 = \dots \times 6 = \dots \quad 7 \times 5 = \dots \times 7 = \dots$$

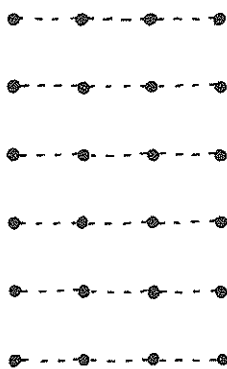
Zie je dat je nu ook een stuk van de tafels van 6 en 7 kent!

3

Vul de antwoorden in de buitenste ring in.

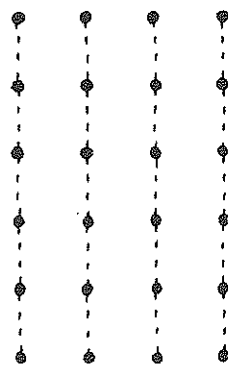


1 Welke sommen zijn hier getekend?

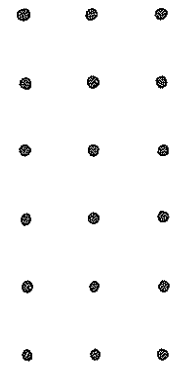


$$6 \times 4$$

=

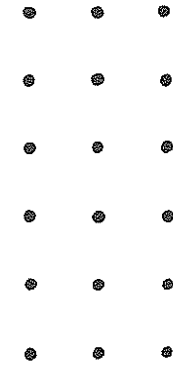


$$4 \times 6 = 24$$

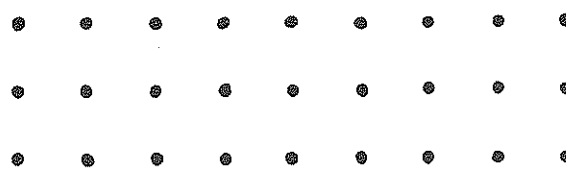


$$\dots \times \dots$$

=



$$\dots \times \dots = \dots$$



$$\dots \times \dots$$

=



$$\dots \times \dots = \dots$$

2

$$8 \times 2 = 2 \times 8 = \dots$$

$$9 \times 2 = \dots \times 9 = \dots$$

$$8 \times 3 = \dots \times 8 = \dots$$

$$9 \times 3 = \dots \times 9 = \dots$$

$$8 \times 4 = \dots \times 8 = \dots$$

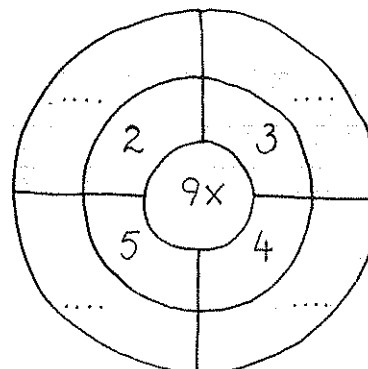
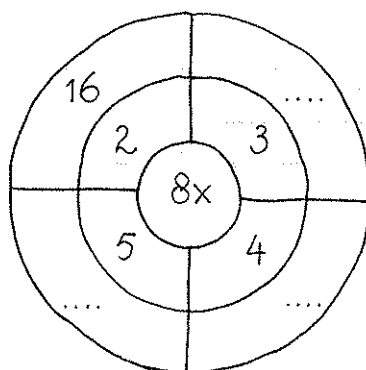
$$9 \times 4 = \dots \times 9 = \dots$$

$$8 \times 5 = \dots \times 8 = \dots$$

$$9 \times 5 = \dots \times 9 = \dots$$

Zie je dat je nu ook een stuk van de tafels van 8 en 9 kent!

3

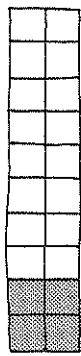


1



$10 \times 2 = 20$

$1 \times 2 = \frac{2}{18} -$
 $9 \times 2 =$



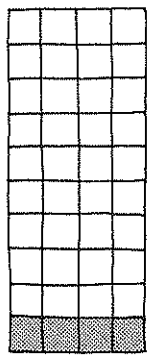
$10 \times 2 = 20$

$2 \times 2 = \frac{\dots}{\dots} -$
 $8 \times 2 =$



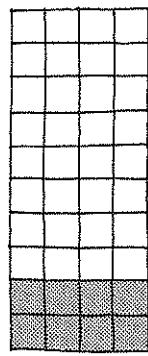
$10 \times 3 = \dots$

$\dots \times \dots = \frac{\dots}{\dots} -$
 $9 \times 3 =$



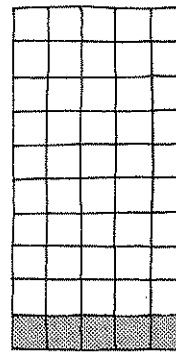
$\dots \times 4 = \dots$

$\dots \times 4 = \frac{\dots}{\dots} -$
 $9 \times 4 =$



$\dots \times 4 = \dots$

$\dots \times 4 = \frac{\dots}{\dots} -$
 $8 \times 4 =$

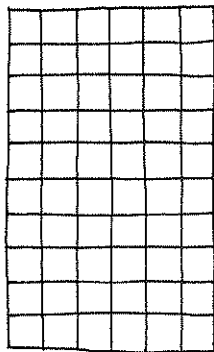


$\dots \times 5 = \dots$

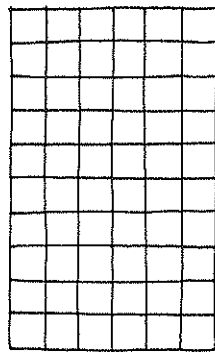
$\dots \times 5 = \frac{\dots}{\dots} -$
 $9 \times 5 =$

2

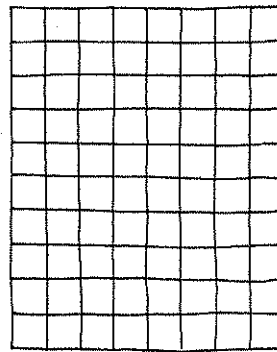
Zet de streep op de goede plaats in de figuren.
 Vul de getallen in de sommen in.



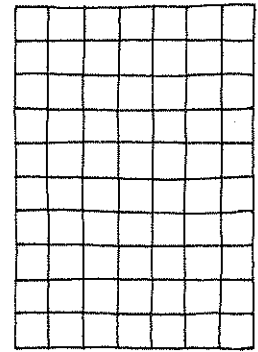
$9 \times 6 = \dots$
 $10 \times 6 - 1 \times 6 = \dots$



$8 \times 6 = \dots$
 $10 \times 6 - 2 \times 6 = \dots$

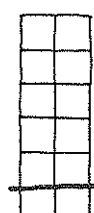


$9 \times 8 = \dots$
 $10 \times 8 - 1 \times 8 = \dots$



$8 \times 7 = \dots$
 $10 \times 7 - 2 \times 7 = \dots$

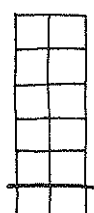
1



$$5 \times 2 = 10$$

$$1 \times 2 = 2$$

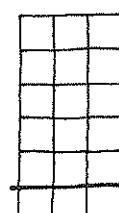
$$6 \times 2 = \quad + \quad 12$$



$$5 \times 2 = \dots$$

$$2 \times 2 = \dots$$

$$7 \times 2 = \quad + \quad \dots$$

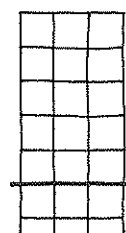


$$5 \times 3 = \dots$$

$$1 \times 3 = \dots$$

$$6 \times 3 = \quad + \quad \dots$$

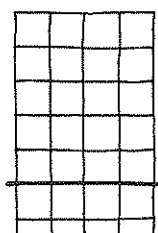
Doe op dezelfde manier.



$$\dots \times 3 = \dots$$

$$\dots \times 3 = \quad + \quad \dots$$

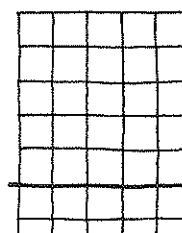
$$\dots \times 3 = \quad \dots$$



$$\dots \times 4 = \dots$$

$$\dots \times 4 = \quad + \quad \dots$$

$$\dots \times 4 = \quad \dots$$



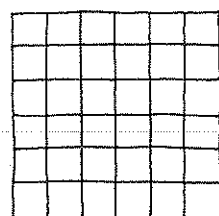
$$\dots \times 5 = \dots$$

$$\dots \times 5 = \quad + \quad \dots$$

$$\dots \times 5 = \quad \dots$$

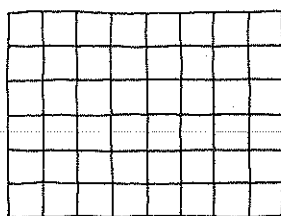
2

Zet de streep op de goede plaats in de figuren.
Vul de getallen in de sommen in.



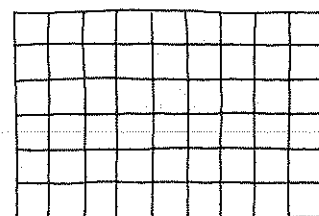
$$6 \times 6 = \dots$$

$$5 \times 6 + 1 \times 6 = \dots$$



$$6 \times 8 = \dots$$

$$5 \times 8 + 1 \times 8 = \dots$$



$$6 \times 9 = \dots$$

$$5 \times 9 + 1 \times 9 = \dots$$

3

Reken uit.

$$7 \times 6 = \dots \times 6 + \dots \times 6 = \dots$$

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

$$7 \times 8 = \dots \times 8 + \dots \times 8 = \dots$$

Weet je ze nog?

$$7 \times 5 = \dots \quad 8 \times 7 = \dots$$

$$8 \times 6 = \dots \quad 8 \times 8 = \dots$$

$$9 \times 8 = \dots \quad 8 \times 4 = \dots$$

1

in	
x3	
uit	

in	uit
4	12
10	30
5	
6	

in	
x2	
uit	

in	uit
	14
5	
	18
2	

in	
x5	
uit	

in	uit
5	
	45
3	
	35

in	
x4	
uit	

in	uit
6	
9	
	32
	28

in	
x6	
uit	

in	uit
2	
	54
	36
8	

in	
x7	
uit	

in	uit
3	
	56
	35
7	

in	
x8	
uit	

in	uit
9	
	56
8	
	40

in	
x9	
uit	

in	uit
2	
	36
7	
	81

in	
x7	
uit	

in	uit
4	
	14
6	
	63

in	
x10	
uit	

in	uit
	40
7	
9	
	80

2

Nu deze nog.

.... x 6 = 54

3 x = 18

50 = x 5

18 = 9 x

.... x 7 = 35

4 x = 36

42 = x 7

27 = 3 x

.... x 4 = 32

7 x = 21

42 = x 6

48 = 8 x

.... x 9 = 81

8 x = 72

56 = x 8

70 = 7 x

.... x 5 = 25

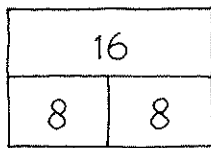
9 x = 81

63 = x 9

81 = 9 x

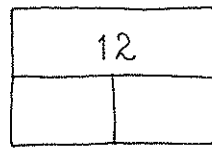
1

Eerlijk verdelen.



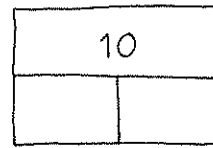
$$16 : 2 = 8$$

$$2 \times 8 = 16$$



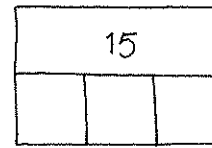
$$12 : 2 = \dots$$

$$\dots \times \dots = 12$$



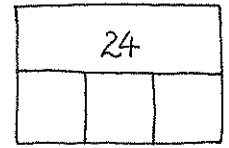
$$10 : 2 = \dots$$

$$\dots \times \dots = 10$$



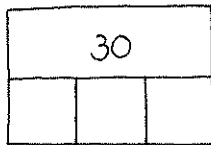
$$15 : 3 = \dots$$

$$\dots \times \dots = 15$$



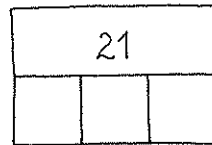
$$24 : 3 = \dots$$

$$\dots \times \dots = 24$$



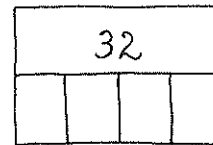
$$30 : 3 = \dots$$

$$\dots \times \dots = 30$$



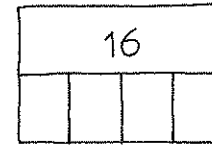
$$21 : 3 = \dots$$

$$\dots \times \dots = 21$$



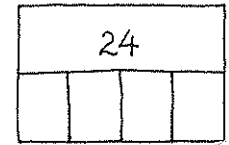
$$32 : 4 = \dots$$

$$\dots \times \dots = 32$$



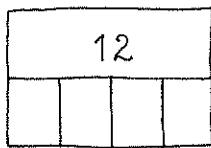
$$16 : 4 = \dots$$

$$\dots \times \dots = 16$$



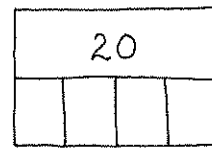
$$24 : 4 = \dots$$

$$\dots \times \dots = 24$$



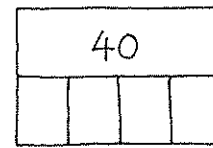
$$12 : 4 = \dots$$

$$\dots \times \dots = 12$$



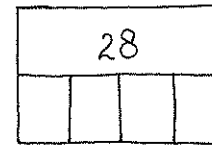
$$20 : 4 = \dots$$

$$\dots \times \dots = 20$$



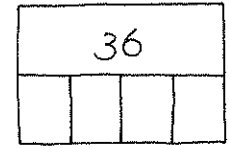
$$40 : 4 = \dots$$

$$\dots \times \dots = 40$$



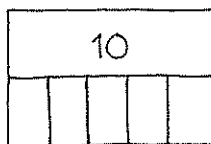
$$28 : 4 = \dots$$

$$\dots \times \dots = 28$$



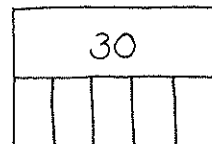
$$36 : 4 = \dots$$

$$\dots \times \dots = 36$$



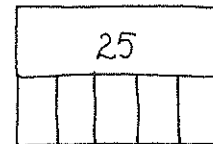
$$10 : 5 = \dots$$

$$\dots \times \dots = 10$$



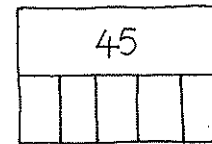
$$30 : 5 = \dots$$

$$\dots \times \dots = 30$$



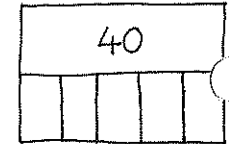
$$25 : 5 = \dots$$

$$\dots \times \dots = 25$$



$$45 : 5 = \dots$$

$$\dots \times \dots = 45$$



$$40 : 5 = \dots$$

$$\dots \times \dots = 40$$

2

$$18 : 2 = \dots$$

$$18 : 3 = \dots$$

$$15 : 3 = \dots$$

$$16 : 4 = \dots$$

$$10 : 2 = \dots$$

$$12 : 3 = \dots$$

$$40 : 4 = \dots$$

$$40 : 5 = \dots$$

$$24 : 3 = \dots$$

$$24 : 4 = \dots$$

$$20 : 4 = \dots$$

$$20 : 5 = \dots$$

$$16 : 2 = \dots$$

$$12 : 2 = \dots$$

$$12 : 4 = \dots$$

$$30 : 3 = \dots$$

$$30 : 5 = \dots$$

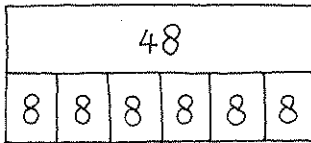
$$28 : 4 = \dots$$

$$27 : 3 = \dots$$

$$20 : 2 = \dots$$

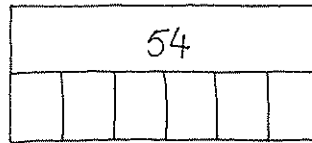
1

Eerlijk verdelen.



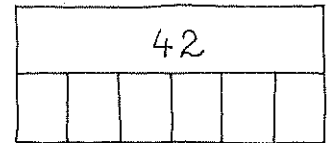
$$48 : 6 = \dots$$

$$6 \times \dots = 48$$



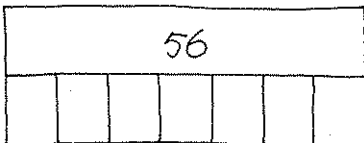
$$54 : 6 = \dots$$

$$\dots \times \dots = 54$$



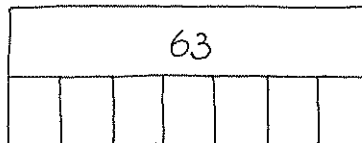
$$42 : 6 = \dots$$

$$\dots \times \dots = 42$$



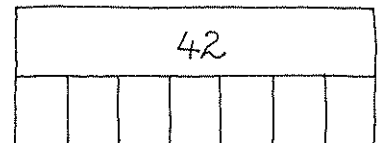
$$56 : 7 = \dots$$

$$\dots \times \dots = 56$$



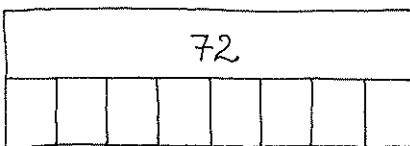
$$63 : 7 = \dots$$

$$\dots \times \dots = 63$$



$$42 : 7 = \dots$$

$$\dots \times \dots = 42$$



$$72 : 8 = \dots$$

$$\dots \times \dots = 72$$



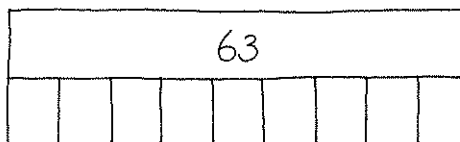
$$56 : 8 = \dots$$

$$\dots \times \dots = 56$$



$$36 : 9 = \dots$$

$$\dots \times \dots = 36$$



$$63 : 9 = \dots$$

$$\dots \times \dots = 63$$

2

$$42 : 6 = \dots \rightarrow 6 \times \dots = 42$$

$$36 : 6 = \dots \rightarrow 6 \times \dots = 36$$

$$70 : 7 = \dots \rightarrow 7 \times \dots = 70$$

$$49 : 7 = \dots \rightarrow 7 \times \dots = 49$$

$$72 : 8 = \dots \rightarrow 8 \times \dots = 72$$

$$56 : 8 = \dots \rightarrow 8 \times \dots = 56$$

$$63 : 9 = \dots \rightarrow 9 \times \dots = 63$$

$$45 : 9 = \dots \rightarrow 9 \times \dots = 45$$

$$48 : 6 = \dots \rightarrow 6 \times \dots = 48$$

$$56 : 7 = \dots \rightarrow 7 \times \dots = 56$$

$$64 : 8 = \dots \rightarrow 8 \times \dots = 64$$

$$72 : 9 = \dots \rightarrow 9 \times \dots = 72$$

1

8	16	6
4	10	20
12	18	14

:2

4	8	3

8	64	32
56	16	72
40	80	24

:8

35	21	70
56	14	42
63	28	49

:7

36	72	9
63	18	54
27	81	45

:9

6	3	30
18	21	15
27	24	12

:3

8	16	24
28	4	32
36	40	20

:4

12	48	30
42	6	54
18	36	24

:6

10	30	20
15	5	35
40	50	45

:5

30	70	60
80	20	90
50	100	40

:10

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:

$$5 \times 3 = 15$$

$$12 = 3 \times \dots$$

$$8 : 2 = \dots$$

1 Schrijf in cijfers.

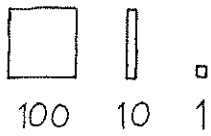
drieënveertig	....	tachtig	....
zesenzeventig	....	zeventien	....
honderd zestien	....	honderd negen	....
honderd drieëndertig	....	honderd negentien	....
vijfhonderd twaalf	....	honderd negentig	....
zeshonderd negenenvijftig	....	tweehonderd zes	....
driehonderd negentig	....	tweehonderd zestig	....
negenhonderd tweeënzestig	....	zeshonderd	....

2 Schrijf in woorden.

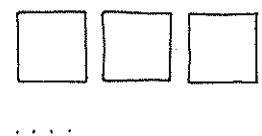
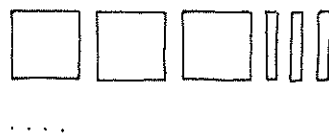
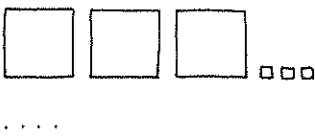
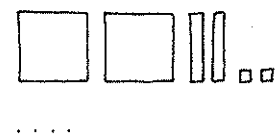
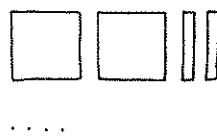
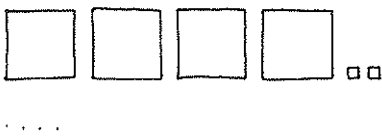
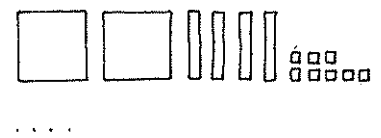
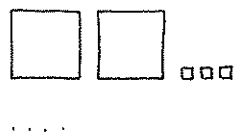
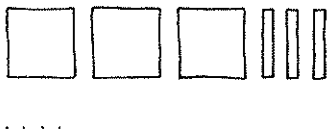
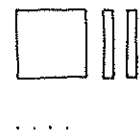
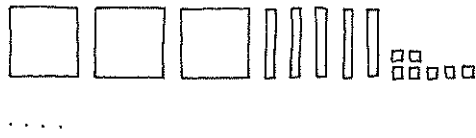
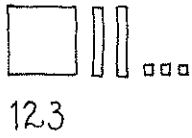
25	.....	60	.....
52	.....	360	.....
139	.....	306	.....
193	.....	603	.....
913	.....	600	.....
931	.....	106	.....

621	3 erbij wordt	....	400	3 erbij wordt	....
621	30 erbij wordt	....	400	30 erbij wordt	....
621	300 erbij wordt	....	400	300 erbij wordt	....
223	7 erbij wordt	....	403	5 erbij wordt	....
223	70 erbij wordt	....	403	50 erbij wordt	....
223	700 erbij wordt	....	403	500 erbij wordt	....
223	77 erbij wordt	....	403	55 erbij wordt	....
223	770 erbij wordt	....	403	550 erbij wordt	....

1



Welke getallen zijn hieronder gelegd?

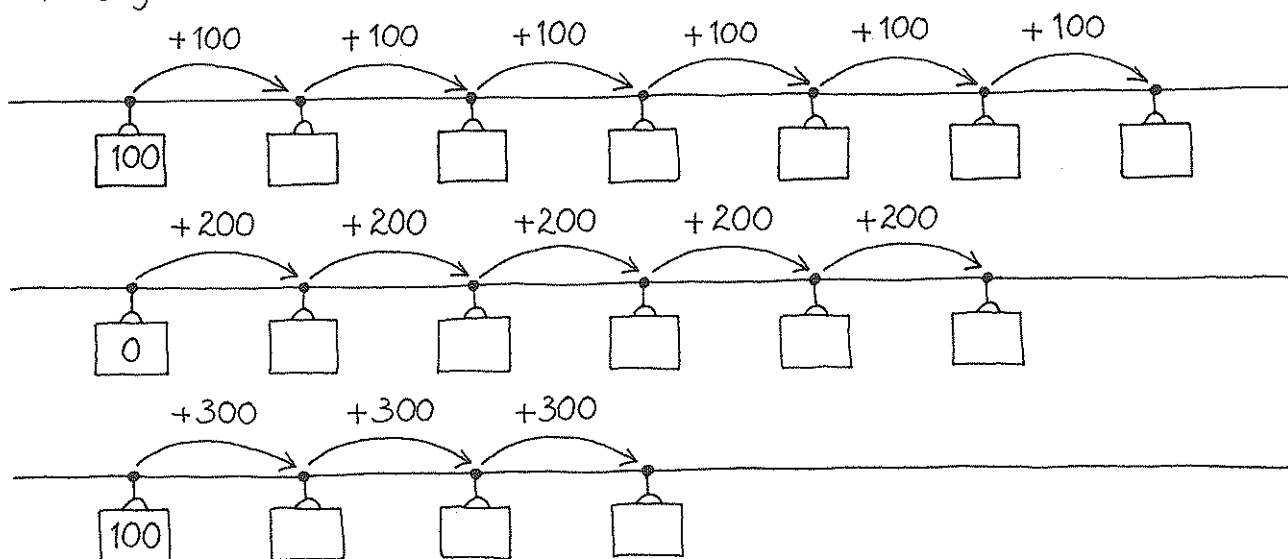


2

Teken nu zelf.

303	330	333
400	104	140
144	153	315

1 Vul de getallen in.

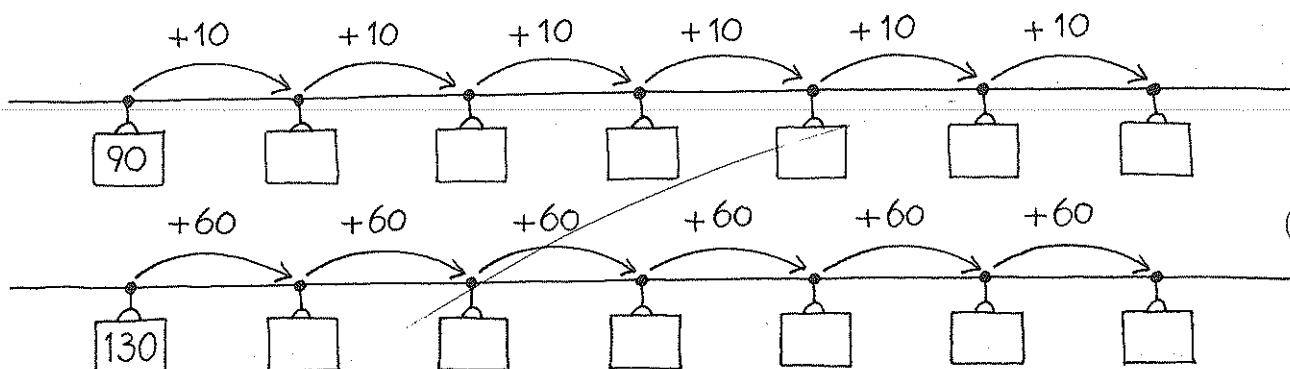


2 Van groot naar klein.

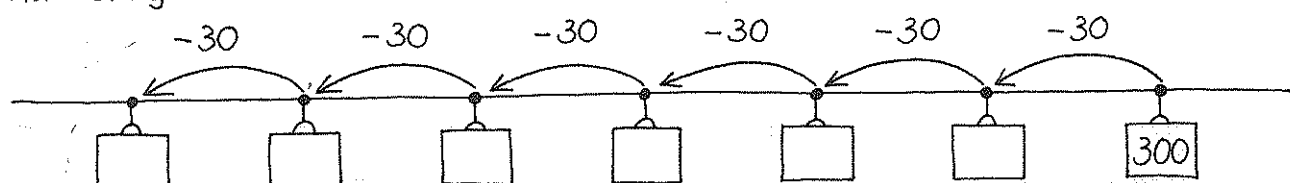
800 900 100 500 300

200 800 400 1000 700

3



Nu terugtellen!



4

Van klein naar groot.

610 160 350 530 500

720 270 207 702 700

1

Vul in *groter* of *kleiner*.

231 is kleiner dan 321

405 is dan 504

330 is dan 303

399 is dan 401

779 is dan 977

350 is dan 530

785 is dan 758

622 is dan 226

2

Wat is het *grootste* getal dat je kunt maken met de cijfers:

6 0 4 getal 640

0 4 0 getal

7 2 3 getal

4 5 6 getal

1 3 2 getal

Wat is het *kleinste* getal dat je kunt maken met de cijfers:

9 0 7 getal

6 5 4 getal

7 1 3 getal

0 8 4 getal

6 6 6 getal

3

$500 + 200 = \dots$

$600 - 300 = \dots$

$340 + 50 = \dots$

$340 - 6 = \dots$

$520 + 200 = \dots$

$640 - 300 = \dots$

$344 + 50 = \dots$

$341 - 6 = \dots$

$520 + 20 = \dots$

$640 - 30 = \dots$

$344 + 56 = \dots$

$350 - 6 = \dots$

$521 + 20 = \dots$

$643 - 30 = \dots$

$344 + 500 = \dots$

$340 - 16 = \dots$

$521 + 6 = \dots$

$643 - 3 = \dots$

$344 + 506 = \dots$

$340 - 36 = \dots$

$521 + 26 = \dots$

$643 - 33 = \dots$

$344 + 526 = \dots$

$340 - 26 = \dots$

4

$240 + 60 = \dots$

$508 + 2 = \dots$

$562 - 60 = \dots$

$350 - 2 = \dots$

$370 + 30 = \dots$

$614 + 6 = \dots$

$834 - 30 = \dots$

$830 - 4 = \dots$

$850 + 50 = \dots$

$313 + 7 = \dots$

$919 - 10 = \dots$

$910 - 9 = \dots$

$710 + 90 = \dots$

$745 + 5 = \dots$

$651 - 50 = \dots$

$840 - 5 = \dots$

$530 + 70 = \dots$

$632 + 8 = \dots$

$726 - 20 = \dots$

$660 - 6 = \dots$

1 Zoek eerst de getallen bij elkaar die je gemakkelijk kunt optellen of aftrekken.

$$\begin{array}{c} 7 + 5 + 3 = 10 + 5 = 15 \\ \uparrow \quad \quad \uparrow \end{array}$$

$$6 + 6 + 4 = 10 + \dots = \dots$$

$$3 + 5 + 7 = \dots + \dots = \dots$$

$$2 + 9 + 8 = \dots + \dots = \dots$$

$$9 + 8 + 1 = \dots + \dots = \dots$$

$$\begin{array}{c} \downarrow \quad \quad \downarrow \\ 13 + 2 + 17 + 8 = 30 + 10 = 40 \\ \uparrow \quad \quad \uparrow \end{array}$$

$$24 + 3 + 16 + 7 = \dots + \dots = \dots$$

$$17 + 8 + 13 + 2 = \dots + \dots = \dots$$

$$31 + 4 + 6 + 9 = \dots + \dots = \dots$$

$$25 + 2 + 8 + 15 = \dots + \dots = \dots$$

$$\begin{array}{c} \downarrow \quad \quad \downarrow \\ 3 + 8 + 2 + 7 = 10 + 10 = 20 \\ \uparrow \quad \quad \uparrow \end{array}$$

$$2 + 4 + 6 + 8 = \dots + \dots = \dots$$

$$1 + 3 + 9 + 7 = \dots + \dots = \dots$$

$$4 + 5 + 5 + 6 = \dots + \dots = \dots$$

$$7 + 4 + 3 + 6 = \dots + \dots = \dots$$

$$\begin{array}{c} \downarrow \quad \quad \downarrow \\ 13 + 14 + 17 + 16 = 30 + 30 = 60 \\ \uparrow \quad \quad \uparrow \end{array}$$

$$18 + 13 + 12 + 17 = \dots + \dots = \dots$$

$$23 + 18 + 17 + 12 = \dots + \dots = \dots$$

$$15 + 11 + 25 + 19 = \dots + \dots = \dots$$

$$16 + 14 + 14 + 16 = \dots + \dots = \dots$$

2
$$\begin{array}{c} 24 + 9 - 4 = 20 + 9 = 29 \\ \uparrow \quad \quad \uparrow \end{array}$$

$$33 + 6 - 3 = \dots + \dots = \dots$$

$$48 + 9 - 8 = \dots + \dots = \dots$$

$$45 + 7 - 5 = \dots + \dots = \dots$$

$$62 + 9 - 2 = \dots + \dots = \dots$$

$$\begin{array}{c} \downarrow \quad \quad \downarrow \\ 36 + 29 - 6 - 9 = 30 + 20 = 50 \\ \uparrow \quad \quad \uparrow \end{array}$$

$$53 + 25 - 3 - 5 = \dots + \dots = \dots$$

$$47 + 24 - 7 - 4 = \dots + \dots = \dots$$

$$28 + 15 - 8 - 5 = \dots + \dots = \dots$$

$$39 + 27 - 9 - 7 = \dots + \dots = \dots$$

3
$$\begin{array}{c} \downarrow \quad \quad \downarrow \\ 62 + 12 = 62 + 10 + 2 = 72 + 2 = 74 \end{array}$$

$$73 + 25 = 73 + 20 + 5 = 93 + \dots = \dots$$

$$34 + 41 = \dots + \dots + \dots = \dots + \dots = \dots$$

$$\begin{array}{c} \downarrow \quad \quad \downarrow \\ 83 - 12 = 83 - 10 - 2 = 73 - 2 = 71 \end{array}$$

$$95 - 33 = 95 - 30 - 3 = 65 - \dots = \dots$$

$$77 - 46 = \dots - \dots - \dots = \dots - \dots = \dots$$

1

Met een handige omweg (een omweg is soms sneller).

Je moet uitrekenen $69 + 9 = \dots$

10 erbij is gemakkelijker dan 9 erbij. Dus wat doe je?

Je denkt $69 + 10 = 79$. Je hebt er nu 1 te veel bij gedaan.

Dus die moet er weer af : $79 - 1 = 78$.

Doe net zo met:

$$45 + 9 = 45 + 10 - 1 = \dots$$

$$78 + 19 = 78 + 20 - 1 = \dots$$

$$73 + 9 = \dots + \dots - \dots = \dots$$

$$56 + 19 = \dots + \dots - \dots = \dots$$

$$87 + 9 = \dots + \dots - \dots = \dots$$

$$23 + 29 = \dots + \dots - \dots = \dots$$

$$96 + 9 = \dots + \dots - \dots = \dots$$

$$47 + 39 = \dots + \dots - \dots = \dots$$

$$54 + 9 = \dots + \dots - \dots = \dots$$

$$55 + 49 = \dots + \dots - \dots = \dots$$

2

Het kan ook met andere getallen.

$$45 + 8 = 45 + 10 - 2 = \dots$$

$$34 + 28 = 34 + 30 - 2 = \dots$$

$$64 + 8 = \dots + \dots - \dots = \dots$$

$$75 + 28 = \dots + \dots - \dots = \dots$$

$$173 + 8 = \dots + \dots - \dots = \dots$$

$$134 + 38 = \dots + \dots - \dots = \dots$$

$$254 + 8 = \dots + \dots - \dots = \dots$$

$$276 + 48 = \dots + \dots - \dots = \dots$$

$$368 + 8 = \dots + \dots - \dots = \dots$$

$$413 + 68 = \dots + \dots - \dots = \dots$$

3

Je moet uitrekenen $66 - 9 = \dots$

10 eraf is gemakkelijker dan 9 eraf. Wat doe je?

Je denkt $66 - 10 = 56$. Nu heb je er 1 te veel af gedaan.

Die moet er weer bij: $56 + 1 = 57$.

$$66 - 9 = 66 - 10 + 1 = 57$$

$$173 - 99 = 173 - 100 + 1 = \dots$$

$$85 - 9 = \dots - \dots + \dots = \dots$$

$$298 - 99 = \dots - \dots + \dots = \dots$$

$$173 - 9 = \dots - \dots + \dots = \dots$$

$$364 - 99 = \dots - \dots + \dots = \dots$$

$$262 - 9 = \dots - \dots + \dots = \dots$$

$$102 - 99 = \dots - \dots + \dots = \dots$$

$$385 - 9 = \dots - \dots + \dots = \dots$$

$$488 - 199 = \dots - \dots + \dots = \dots$$

1

Je moet uitrekenen $59 + 11 = \dots$

Je kunt deze som gemakkelijker maken.

Je haalt 1 van de 11 af en die doe je bij 59.

De som wordt dan $60 + 10$.

Deze som heeft dezelfde uitkomst als $59 + 11$.

Doe net zo:

$$69 + 11 = 70 + \dots = \dots$$

$$78 + 12 = 80 + 10 = \dots$$

$$128 + 12 = \dots + \dots = \dots$$

$$89 + 11 = \dots + \dots = \dots$$

$$98 + 12 = \dots + \dots = \dots$$

$$228 + 22 = \dots + \dots = \dots$$

$$159 + 11 = \dots + \dots = \dots$$

$$148 + 12 = \dots + \dots = \dots$$

$$58 + 42 = \dots + \dots = \dots$$

$$379 + 11 = \dots + \dots = \dots$$

$$258 + 12 = \dots + \dots = \dots$$

$$138 + 62 = \dots + \dots = \dots$$

$$219 + 11 = \dots + \dots = \dots$$

$$388 + 12 = \dots + \dots = \dots$$

$$478 + 52 = \dots + \dots = \dots$$

2

Je moet uitrekenen $53 - 18 = \dots$

Je kunt de som gemakkelijker maken.

Je doet 2 bij de 18 en je doet ook 2 bij 53.

Je krijgt dan de som $55 - 20$.

Deze som heeft dezelfde uitkomst als $53 - 18$.

Doe net zo:

$$42 - 18 = \dots - 20 = \dots$$

$$53 - 18 = \dots - \dots = \dots$$

$$45 - 17 = 48 - 20 = \dots$$

$$51 - 18 = \dots - \dots = \dots$$

$$64 - 28 = \dots - \dots = \dots$$

$$32 - 17 = \dots - \dots = \dots$$

$$73 - 18 = \dots - \dots = \dots$$

$$57 - 38 = \dots - \dots = \dots$$

$$124 - 17 = \dots - \dots = \dots$$

$$45 - 18 = \dots - \dots = \dots$$

$$96 - 18 = \dots - \dots = \dots$$

$$351 - 37 = \dots - \dots = \dots$$

$$93 - 18 = \dots - \dots = \dots$$

$$85 - 18 = \dots - \dots = \dots$$

$$142 - 37 = \dots - \dots = \dots$$

1

Erbij
3tientallen

H	T	E
6	4	5
6	7	5

Erbij
5 honderdtallen

H	T	E
2	4	8

Erbij
6 eenheden

H	T	E
7	2	6

Erbij
8 tientallen

H	T	E
6	3	1

H(honderdtallen); T(tientallen); E(eenheden).

Erbij
2H en 3E.

H	T	E
3	4	6

Erbij
3Ten 5E

H	T	E
8	1	4

Erbij
3H en 4T

H	T	E
6	3	9

Erbij
2H en 5E

H	T	E
7	1	5

2

Erbij
4H 4T 4E

H	T	E
3	4	5

Erbij
1H 2T 1E

H	T	E
8	2	8

Erbij
5H 2T 3E

H	T	E
4	0	6

Erbij
1H 2T 2E

H	T	E
7	7	7

Erbij
4H 4T 1E

H	T	E
5	4	6

Erbij
2H 4T 6E

H	T	E
5	5	3

Erbij
4H 2T 2E

H	T	E
4	3	5

Erbij
4H 5T 4E

H	T	E
2	3	5

Erbij
2H 2E

H	T	E
5	0	8

Erbij
2T 3E

H	T	E
3	8	6

Erbij
1H 2T 6E

H	T	E
6	7	4

Erbij
6H 6T 9E

H	T	E
3	2	0

1

Optellen zonder inwisselen.

H	T	E
3	8	2
	1	6
+		
3	9	8

H	T	E
4	1	6
	8	3
+		

H	T	E
3	5	8
	4	1
+		

H	T	E
2	5	6
	1	2
+		

H	T	E
3	2	4
1	1	4
+		

H	T	E
6	2	8
2	3	1
+		

H	T	E
4	3	5
3	1	4
+		

H	T	E
6	4	2
1	2	6
+		

2

Nu met één keer inwisselen.

H	T	E
4	4	8
	2	9
+		
4	6	17
4	7	7

H	T	E
2	7	4
	1	7
+		

H	T	E
3	6	6
	2	4
+		

H	T	E
7	2	6
	3	5
+		

H	T	E
2	6	5
1	9	3
+		

H	T	E
4	8	1
2	5	3
+		

H	T	E
6	4	2
1	8	4
+		

H	T	E
6	7	3
1	4	3
+		

H	T	E
2	0	4
4	6	7
+		

H	T	E
5	1	5
1	3	8
+		

H	T	E
7	7	9
1	1	9
+		

H	T	E
4	2	3
1	6	8
+		

1

Optellen met twee keer inwisselen.

H	T	E	
	4	6	
	9	9	+
	13	15	
	14	5	
1	4	5	

H	T	E	
	4	6	
	7	7	+

H	T	E	
	3	5	
	9	6	+

H	T	E	
	3	8	
	7	5	+

H	T	E	
1	9	3	
3	2	9	+
4	11	12	
4	12	2	
5	2	2	

H	T	E	
2	4	7	
3	7	4	+

H	T	E	
6	4	9	
1	7	2	+

H	T	E	
7	7	7	
1	4	4	+

H	T	E	
4	8	7	
1	2	3	+
5	10	10	
5	11	0	
6	1	0	

H	T	E	
5	3	6	
2	8	4	+

H	T	E	
2	4	1	
3	4	9	+

H	T	E	
6	5	4	
1	4	6	+

2

Lange optellingen.

1	2	7	
	4	8	
	3	2	
1	4	0	+

	8	4	
	1	6	
3	2	5	
1	4	8	+

1	1	2	
4	1	6	
2	0	8	
	7	4	+

2	4	6	
		9	
	3	5	
6	3	4	+

1

Eraf
5 tientallen

H	T	E
6	8	3
6	3	3

Eraf
6 eenheden

H	T	E
9	3	8

Eraf
4 honderdtallen

H	T	E
6	3	1

Eraf
5 tientallen

H	T	E
3	5	6

H(honderdtallen); T(tientallen); E(eenheden).

Eraf
3H en 4E

H	T	E
4	7	4

Eraf
6H en 2T

H	T	E
8	3	1

Eraf
7T en 6E

H	T	E
9	8	6

Eraf
5H en 6E

H	T	E
5	0	7

2

Eraf
3H 2T 1E

H	T	E
6	3	8

Eraf
6H 2T 4E

H	T	E
9	9	9

Eraf
4H 4T 4E

H	T	E
5	6	7

Eraf
2H 9T 9E

H	T	E
3	9	9

Eraf
2H 1T 9E

H	T	E
4	5	9

Eraf
7H 8T 7E

H	T	E
8	8	9

Eraf
1H 7T 5E

H	T	E
1	9	8

Eraf
5H 3T 4E

H	T	E
7	4	5

Eraf
6H 5T 8E

H	T	E
8	9	8

Eraf
3H 2T 6E

H	T	E
6	4	8

Eraf
8H 6T 3E

H	T	E
9	7	5

Eraf
4H 4T 2E

H	T	E
6	7	8

1

Aftrekken zonder inwisselen.

H	T	E
	4	9
	2	3
-		
	2	6

H	T	E
	7	7
	3	4
-		

H	T	E
4	7	2
	3	1
-		

H	T	E
3	5	8
	4	6
-		

H	T	E
2	8	1
1	4	0
-		

H	T	E
5	3	9
2	1	7
-		

H	T	E
8	3	2
4	0	1
-		

H	T	E
6	3	8
4	2	3
-		

2

Nu met één keer inwisselen.

H	T	E
	6	15
	7	5
	1	7
-		
	5	8

H	T	E
	9	3
	2	8
-		

H	T	E
	8	1
	3	2
-		

H	T	E
	7	4
	2	6
-		

H	T	E
2	9	6
	2	8
-		

H	T	E
3	9	1
	6	3
-		

H	T	E
3	4	9
	6	8
-		

H	T	E
4	2	7
	7	6
-		

H	T	E
2	3	9
1	6	8
-		

H	T	E
4	3	8
2	4	4
-		

H	T	E
8	6	4
3	2	5
-		

H	T	E
6	6	1
1	4	9
-		

1 Aftrekken met twee keer inwisselen.

5	12	12
6	3	2
	5	4
-		
5	7	8

3	2	4
	5	6
-		

7	4	8
	6	9
-		

5	5	5
	6	6
-		

7	6	1
3	9	3
-		

5	3	8
2	7	9
-		

8	7	3
2	8	5
-		

4	5	2
1	6	9
-		

3	0	4
	2	9
-		

7	0	8
	2	9
-		

3	3	0
	4	5
-		

7	6	0
	3	1
-		

6	0	1
2	3	8
-		

8	0	4
1	2	7
-		

3	8	0
1	9	2
-		

5	4	0
4	7	8
-		

1

Vermenigvuldigen. In twee stappen inwisselen.

	3	4	
		6	x
	18	24	
	20	4	
2	0	4	

	2	7	
		6	x

	9	3	
		7	x

	2	2	
		9	x

	5	2	
		5	x

	3	6	
		7	x

	5	3	
		6	x

	7	5	
		7	x

2

1	3	3	
		4	x
4	12	12	
4	13	2	
5	3	2	

2	6	7	
		3	x

1	2	8	
		4	x

4	6	6	
		2	x

2	9	6	
		3	x

1	9	2	
		5	x

2	4	6	
		3	x

4	6	9	
		2	x

2	9	3	
		3	x

1	4	7	
		5	x

2	3	1	
		4	x

1	1	9	
		6	x

1

Vermenigvuldigen. Nu in één stap inwisselen.

1	4	5	x
4	16	20	
5	8	0	

1	1	8	x
		4	

1	4	4	x
		6	

1	7	3	x
		3	

2	5	2	x
		3	

1	9	3	x
		5	

2	0	6	x
		3	

2	8	2	x
		3	

2

Nu zonder inwisselen.

1	4	5	x
		4	
1	2	0	
4	6		
5	8	0	

1	5	2	x
		5	

2	4	1	x
		4	

1	6	8	x
		5	

1	7	9	x
		4	

2	3	1	x
		4	

3	2	5	x
		3	

2	7	3	x
		3	

1	4	6	x
		3	

2	3	7	x
		4	

1	3	1	x
		6	

1	2	8	x
		7	

1

1	4	7
		4
x		
	2	8
1	6	0
4	0	0
5	8	8

4x7
4x40
4x100

2	3	5
		4
x		
....		
....		
....		
....		

4x5
4x30
4x200

3	1	6
		2
x		
....		
....		
....		
....		

2x6
2x10
2x300

3	1	9
		3
x		

.....
.....
.....

4	2	6
		2
x		

.....
.....
.....

1	4	3
		6
x		

.....
.....
.....

1	3	8
		6
x		

.....
.....
.....

1	5	4
		5
x		

.....
.....
.....

1	8	2
		4
x		

.....
.....
.....

2

$$\begin{array}{r} 124 \\ \underline{5x} \end{array}$$

.....
.....

$$\begin{array}{r} 146 \\ \underline{6x} \end{array}$$

.....
.....

$$\begin{array}{r} 253 \\ \underline{4x} \end{array}$$

.....

$$\begin{array}{r} 173 \\ \underline{6x} \end{array}$$

.....

$$\begin{array}{r} 119 \\ \underline{7x} \end{array}$$

.....

1

Vermenigvuldigen.

		8
	1	0
	8	0

 x

		9
	1	0

 x

		6
	1	0

 x

	1	0
	1	0

 x

	4	6
	1	0

 x

	8	3
	1	0

 x

	4	7
	1	0

 x

	6	0
	1	0

 x

2

in
x10
uit

in	uit
3	
5	
4	
7	
2	

in
x10
uit

in	uit
48	
59	
73	
90	
41	

in
x10
uit

in	uit
	450
	320
	700
48	
	390

1

	3	8	
	1	3	x
3	8	0	10x38
	2	4	3x8
	9	0	3x30
3	19	4	
4	9	4	

	3	7	
	1	4	x
...	...	...	10x37
...	...	...	4x7
...	...	...	4x30
...	...	...	
...	...	...	

	2	9	
	1	2	x
...	...	...	
...	...	...	
...	...	...	
...	...	...	
...	...	...	

	4	2	
	1	6	x
			
			
			

	5	7	
	1	3	x
			
			
			

	1	8	
	1	6	x
			
			
			

	3	9	
	1	2	x
			
			
			

	5	5	
	1	1	x
			
			
			

	3	4	
	1	6	x
			
			
			

	1	9	
	1	4	x
			
			
			

	4	9	
	1	3	x
			
			
			

	3	6	
	1	6	x
			
			
			

1

3/	T	E	T	E
	4	8	1	6
	3			
	1	8		
	↳	10		
		18		
		18		
		0		

6/	T	E	T	E
	8	4		

3/	T	E	T	E
	5	7		

8/	T	E	T	E
	7	9	0	9
	0			
	7	9		
	↳	70		
		79		
		72		
		7		

6/	T	E	T	E
	5	2		

7/	T	E	T	E
	5	3		

1

5	H	T	E
9	3	7	
5			
4	3	7	
↳	40		
	43	7	
	40		
	3	7	
	↳	30	
		37	
		35	
		2	

H	T	E
1	8	7

3	H	T	E
6	5	9	

H	T	E

5	H	T	E
6	2	9	

H	T	E

7	H	T	E
7	9	0	

H	T	E

1

7/	H	T	E
	3	8	1
	0		
	3	8	1
	↳	30	
		38	1
		35	
	3	1	
	↳	30	
		31	
		28	
		3	

H	T	E
0	5	4

4/	H	T	E
	2	7	6

H	T	E

9/	H	T	E
	2	3	8

H	T	E

6/	H	T	E
	4	4	4

H	T	E

1

4/	H	T	E
8	1	3	
8			
0	1	3	
↳	0		
	1	3	
	0		
	1	3	
	↳	10	
		13	
		12	
		1	

H	T	E
2	0	3

5/	H	T	E
5	0	9	

H	T	E

7/	H	T	E
7	1	0	

H	T	E

8/	H	T	E
8	4	8	

H	T	E

1

13	H	T	E
	5	6	2
	0		
	5	6	2
	↳	50	
		56	2
		52	
	4	2	
	↳	40	
		42	
		39	
		3	

H	T	E
0	4	3

17	H	T	E
	2	9	3

H	T	E

18	H	T	E
	4	3	6

H	T	E

12	H	T	E
	2	3	6

H	T	E

1

33	H	T	E
6	1	4	
0			
6	1	4	
↳	60		
	61	4	
	33		
	28	4	
↳	280		
	284		
	264		
	20		

H	T	E
0	1	8

52	H	T	E
9	5	8	

H	T	E

28	H	T	E
4	4	9	

H	T	E

43	H	T	E
7	3	9	

H	T	E

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:

$$4 \times 12 = 48$$

$$39 = \dots \times 13$$

$$22 : 2 = \dots$$

