

7 kan ik splitsen in:

7		
....	6	<u>1</u> en 6 want $1 + 6 = 7$
4	....	4 en <u>3</u> want $4 + 3 = 7$
3	....	3 en <u>4</u> want $3 + 4 = 7$

Dus:

7	
1	6
4	3
3	4

1

Splits op dezelfde manier:

3

1	....	$1 + \dots = 3$
....	3	$\dots + 3 = 3$
2	....	$2 + \dots = 3$
0	....	$0 + \dots = 3$

4

3	....	$3 + \dots = \dots$
2	....	$2 + \dots = \dots$
....	4	$\dots + 4 = \dots$
....	0	$\dots + 0 = \dots$

5

....	4	$\dots + \dots = \dots$
5	....	$\dots + \dots = \dots$
2	....	$\dots + \dots = \dots$
....	3	$\dots + \dots = \dots$

6

....	3	$\dots + \dots = \dots$
4	....	$\dots + \dots = \dots$
....	5	$\dots + \dots = \dots$
6	....	$\dots + \dots = \dots$
....	2	$\dots + \dots = \dots$

7

7	....	$\dots + \dots = \dots$
....	4	$\dots + \dots = \dots$
2	....	$\dots + \dots = \dots$
....	1	$\dots + \dots = \dots$
4	....	$\dots + \dots = \dots$

8

7	....	$\dots + \dots = \dots$
5	....	$\dots + \dots = \dots$
....	8	$\dots + \dots = \dots$
....	6	$\dots + \dots = \dots$
4	....	$\dots + \dots = \dots$

9

3	....	$\dots + \dots = \dots$
....	8	$\dots + \dots = \dots$
7	....	$\dots + \dots = \dots$
4	....	$\dots + \dots = \dots$
9	....	$\dots + \dots = \dots$
....	6	$\dots + \dots = \dots$

10

6	....	$\dots + \dots = \dots$
....	5	$\dots + \dots = \dots$
....	3	$\dots + \dots = \dots$
....	1	$\dots + \dots = \dots$
8	....	$\dots + \dots = \dots$
10	....	$\dots + \dots = \dots$

$$5 + \dots = 9$$

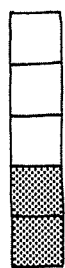
$$2 + \dots = 6$$

$$5 + \dots = 7$$

$$3 + \dots = 8$$

$$4 + \dots = 5$$

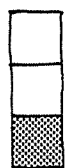
$$1 + \dots = 10$$



5 kan ik splitsen in 2 en 3.
 $2 + \dots = 5$ wordt $2 + 3 = 5$
 en $5 - 2 = 3$

1

Maak op dezelfde manier sommen bij:



$1 + \dots = 3$
 $3 - 1 = \dots$



$2 + \dots = 3$
 $3 - 2 = \dots$



$3 + \dots = 4$
 $4 - 3 = \dots$



$2 + \dots = 4$
 $4 - 2 = \dots$



$4 + \dots = 5$
 $5 - 4 = \dots$



$2 + \dots = 5$
 $5 - 2 = \dots$



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



$2 + \dots = 6$
 $6 - 2 = \dots$



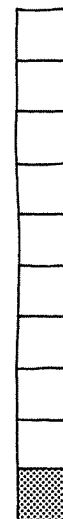
$3 + \dots = 7$
 $7 - 3 = \dots$



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



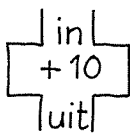
$7 + \dots = 9$
 $9 - 7 = \dots$



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

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

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



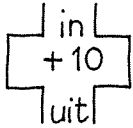
Dit machientje telt bij elk getal dat je erin stopt 10 op.

in 5 wordt uit $5 + 10 = 15$

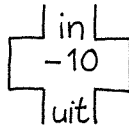
in 2 wordt uit $2 + 10 = 12$

1

Reken nu zelf uit.



in	uit
4	
7	
8	
5	
3	
2	
1	
6	



in	uit
13	
15	
17	
19	
12	
15	
11	
16	

2

$$.... + 4 = 14 \rightarrow - 4 = 10$$

$$.... + 6 = 16 \rightarrow - 6 = 10$$

$$.... + 8 = 18 \rightarrow - 8 = 10$$

$$.... + 7 = 17 \rightarrow - 7 = 10$$

$$.... + 5 = 15 \rightarrow - 5 = 10$$

$$.... + 3 = 13 \rightarrow - 3 = 10$$

$$.... + 1 = 11 \rightarrow - 1 = 10$$

$$.... + 2 = 12 \rightarrow - 2 = 10$$

$$15 = 10 + \rightarrow 15 - = 10$$

$$16 = 10 + \rightarrow 16 - = 10$$

$$17 = 10 + \rightarrow 17 - = 10$$

$$11 = 10 + \rightarrow 11 - = 10$$

$$13 = 10 + \rightarrow 13 - = 10$$

$$18 = 10 + \rightarrow 18 - = 10$$

$$12 = 10 + \rightarrow 12 - = 10$$

$$14 = 10 + \rightarrow 14 - = 10$$

Maak er eerst 10 van.



$$8 + 4 = \dots$$

Hier staat 8 plus 4.

Eerst maak ik er 10 van door 2 van de 4 af te halen.



$$8 + 4 = \dots$$

Van de 4 blijven er nog 2 over.

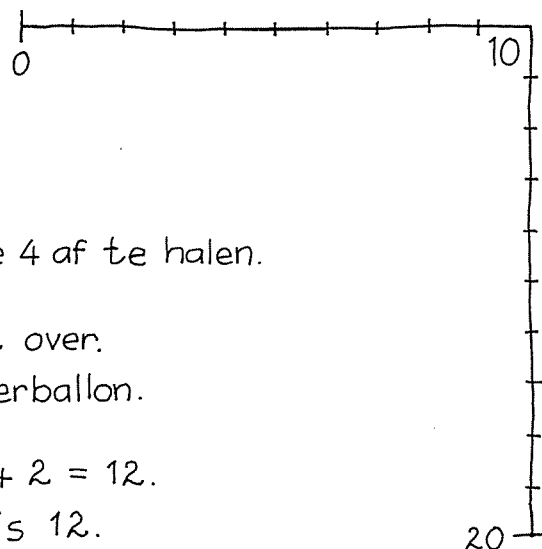
Ik schrijf 2 in de rechterballon.



$$8 + 4 = \dots$$

Nu kan ik uitrekenen $10 + 2 = 12$.

De uitkomst van $8 + 4$ is 12.



1

Vul de denkballons in en reken de sommen uit.



$$7 + 7 = \dots$$



$$3 + 8 = \dots$$



$$6 + 5 = \dots$$



$$8 + 5 = \dots$$



$$2 + 9 = \dots$$



$$7 + 6 = \dots$$



$$9 + 6 = \dots$$



$$5 + 7 = \dots$$



$$9 + 3 = \dots$$



$$4 + 8 = \dots$$



$$6 + 6 = \dots$$



$$5 + 8 = \dots$$



$$6 + 7 = \dots$$



$$9 + 8 = \dots$$



$$9 + 9 = \dots$$



$$5 + 9 = \dots$$

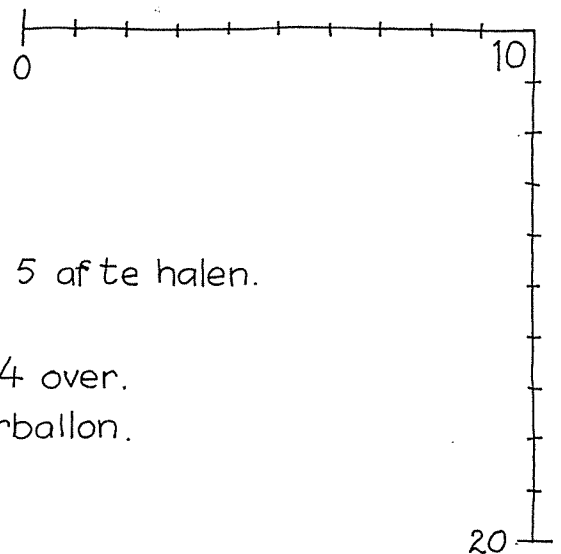
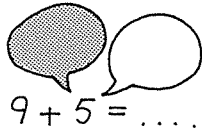


$$7 + 8 = \dots$$



$$8 + 6 = \dots$$

Maak er eerst 10 van.



Hier staat 9 plus 5.

Eerst maak ik er 10 van door 1 van de 5 af te halen.



De 10 onthoud ik.

Van de 5 blijven er nog 4 over.

Ik schrijf 4 in de rechterballon.

Nu kan ik uitrekenen $10 + 4 = 14$.

De uitkomst van $9 + 5$ is 14.

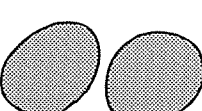
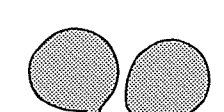
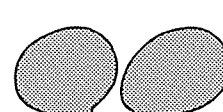
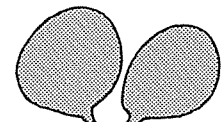
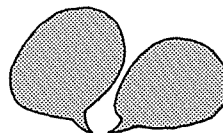
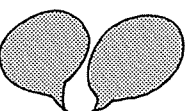
1

Reken de sommen uit. Vul de rechterballon in.



2

Nu helemaal uit het hoofd.



1

$$\begin{array}{ccccc} 4 + 4 = \dots & 3 + 3 = \dots & 2 + 2 = \dots & 9 + 4 = \dots & 9 + 7 = \dots \\ 5 + 5 = \dots & 6 + 6 = \dots & 7 + 7 = \dots & 9 + 6 = \dots & 9 + 8 = \dots \\ 8 + 8 = \dots & 9 + 9 = \dots & 10 + 10 = \dots & 9 + 3 = \dots & 9 + 2 = \dots \end{array}$$

2

$$\begin{array}{ccccc} 18 = 9 + \dots & 12 = 6 + \dots & 15 = 10 + \dots & 15 = 9 + \dots & 15 = 8 + \dots \\ 14 = 7 + \dots & 8 = 4 + \dots & 17 = 10 + \dots & 17 = 9 + \dots & 17 = 8 + \dots \\ 16 = 8 + \dots & 20 = 10 + \dots & 14 = 10 + \dots & 14 = 9 + \dots & 14 = 8 + \dots \end{array}$$

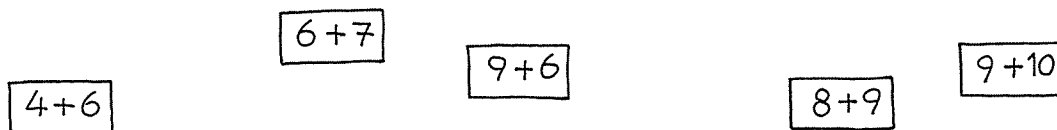
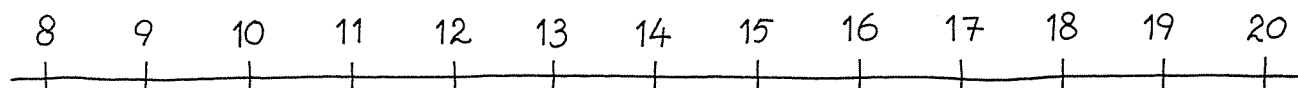
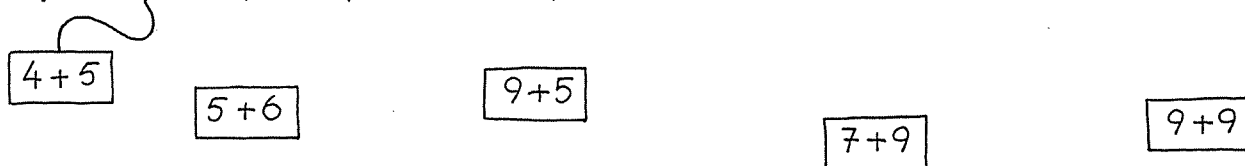
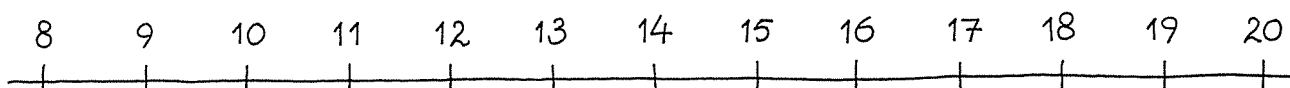
3

Optelsommen mag je omkeren.

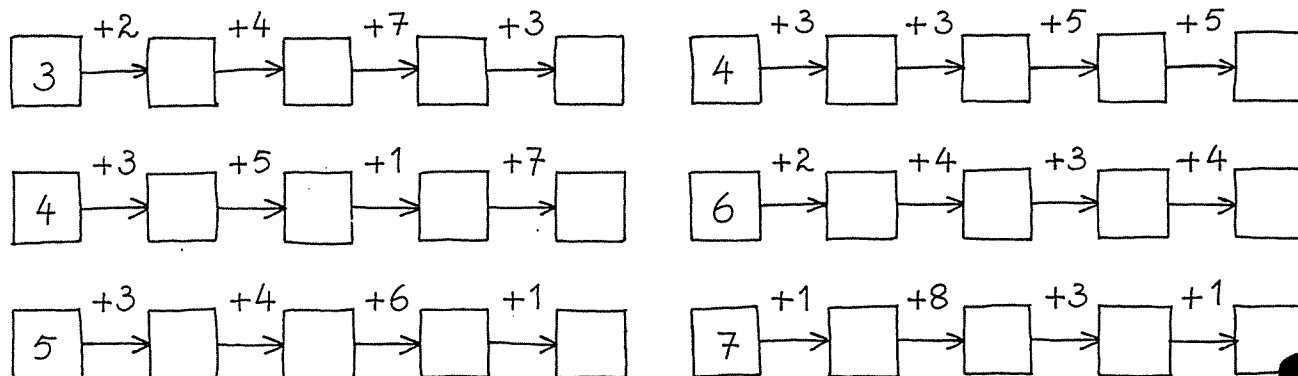
$$\begin{array}{ccccc} 2 + 9 = 9 + 2 = \dots & 4 + 9 = 9 + 4 = \dots & 6 + 7 = \dots + \dots = \dots \\ 3 + 7 = 7 + 3 = \dots & 2 + 8 = 8 + 2 = \dots & 4 + 7 = \dots + \dots = \dots \\ 5 + 9 = 9 + 5 = \dots & 4 + 8 = 8 + 4 = \dots & 3 + 9 = \dots + \dots = \dots \end{array}$$

4

Hang de sommen op de goede plaats aan de getallenlijn.

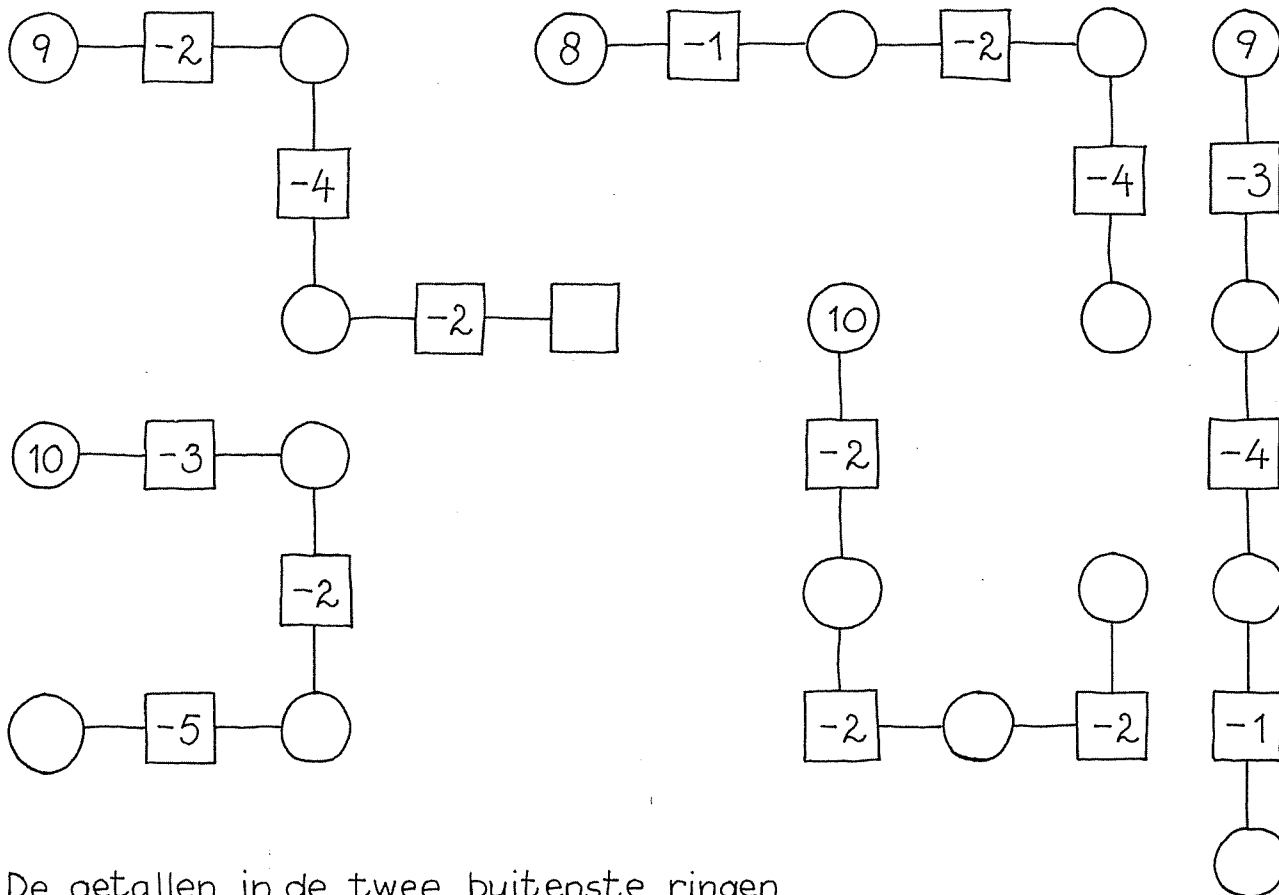


5



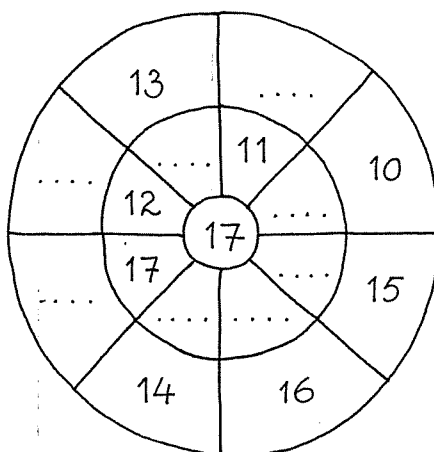
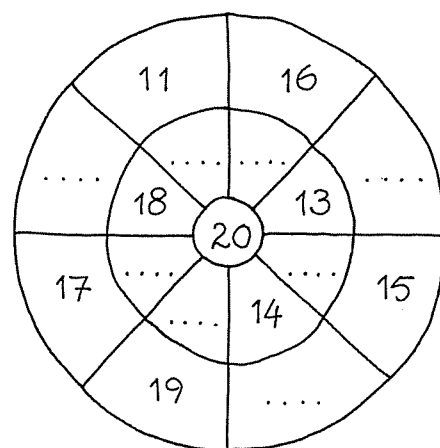
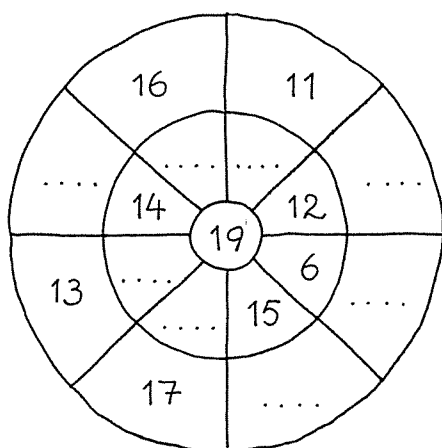
1

Aftrekslierten.



2

De getallen in de twee buitenste ringen zijn samen het getal in het midden.



Maak er eerst 10 van.



$$12 - 4 = \dots$$

Hier staat 12 min 4. Eerst maak ik er 10 van:
ik haal 2 van de 4 af, dus ik houd 2 over.



$$12 - 4 = \dots$$

Ik schrijf 10 in de linkerballon.

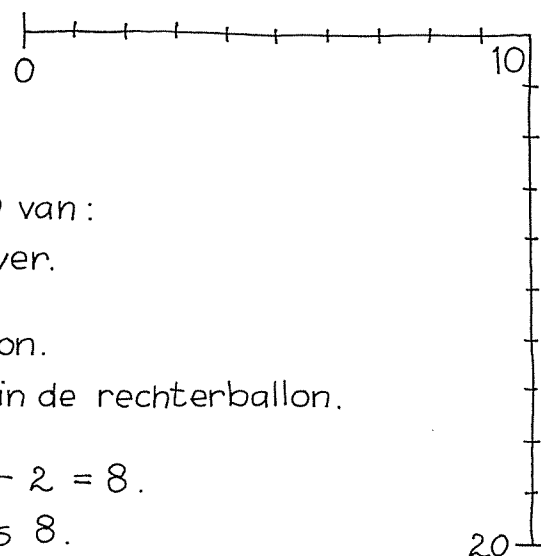
Dan de 2 die ik overhoud in de rechterballon.



$$12 - 4 = \dots$$

Nu kan ik uitrekenen $10 - 2 = 8$.

De uitkomst van $12 - 4$ is 8.



1



$$18 - 9 = \dots$$



$$12 - 4 = \dots$$



$$13 - 8 = \dots$$



$$16 - 7 = \dots$$



$$15 - 6 = \dots$$



$$15 - 8 = \dots$$



$$15 - 8 = \dots$$



$$17 - 8 = \dots$$



$$14 - 9 = \dots$$



$$12 - 5 = \dots$$



$$13 - 5 = \dots$$



$$16 - 9 = \dots$$



$$17 - 9 = \dots$$



$$14 - 6 = \dots$$



$$12 - 7 = \dots$$



$$13 - 7 = \dots$$



$$16 - 8 = \dots$$



$$11 - 3 = \dots$$



$$11 - 6 = \dots$$



$$14 - 7 = \dots$$

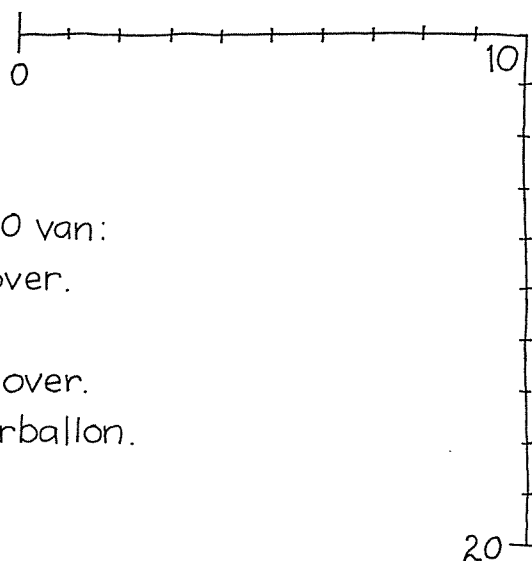


$$14 - 8 = \dots$$

Maak er eerst 10 van.



$$13 - 4 = \dots$$



Hier staat 13 min 4. Eerst maak ik er 10 van:
ik haal 3 van de 4 af, dus ik houd 1 over.



De 10 onthoud ik.

Van de 4 blijft er nog 1 over.

$$13 - 4 = \dots \quad \text{Ik schrijf 1 in de rechterballon.}$$

Nu kan ik uitrekenen $10 - 1 = 9$.

De uitkomst van $13 - 4$ is 9.

1

Reken de sommen uit. Vul de rechterballon in.



$$13 - 9 = \dots$$



$$14 - 9 = \dots$$



$$15 - 8 = \dots$$



$$13 - 4 = \dots$$



$$14 - 8 = \dots$$



$$16 - 8 = \dots$$



$$13 - 5 = \dots$$



$$16 - 9 = \dots$$



$$15 - 6 = \dots$$



$$18 - 9 = \dots$$



$$14 - 7 = \dots$$



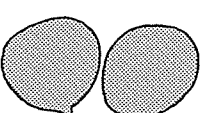
$$16 - 7 = \dots$$

2

Nu helemaal uit het hoofd.



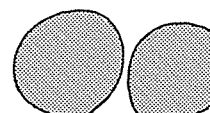
$$18 - 9 = \dots$$



$$17 - 8 = \dots$$



$$14 - 9 = \dots$$



$$13 - 7 = \dots$$



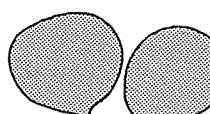
$$13 - 5 = \dots$$



$$12 - 5 = \dots$$



$$13 - 9 = \dots$$



$$12 - 4 = \dots$$



$$14 - 6 = \dots$$



$$11 - 7 = \dots$$



$$12 - 6 = \dots$$



$$17 - 9 = \dots$$

1

$4 - \dots = 2$	$6 = \dots + 3$	$18 = 10 + \dots$	$12 - 1 = \dots$	$18 - 6 = \dots$
$8 - \dots = 4$	$12 = \dots + 6$	$20 = 10 + \dots$	$12 - 2 = \dots$	$18 - 8 = \dots$
$10 - \dots = 5$	$14 = \dots + 7$	$16 = 8 + \dots$	$12 - 5 = \dots$	$18 - 9 = \dots$

2

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

3 Hang de sommen op de goede plaats aan de getallenlijn.

