

Antwoorden controletoets basisvaardigheden

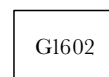
Opgavenblad 1 - controle tempotoets 1 en 2

Tempotoets 1

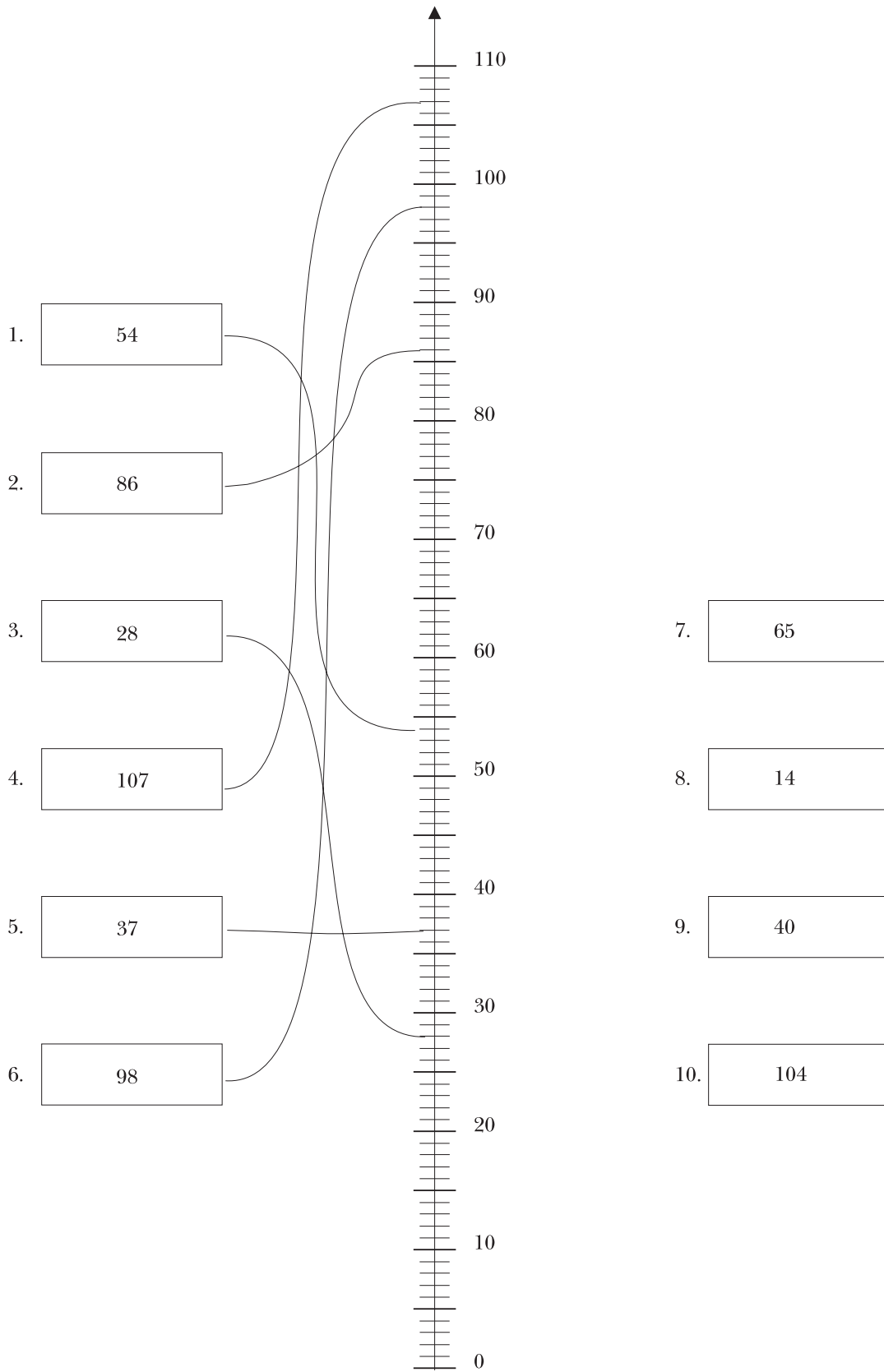
9	6
13	6
17	3
15	9
18	3
10	2
7	11
18	9
3	19
7	16

Tempotoets 2

15	8
12	4
24	6
16	9
36	6
27	8
7	64
45	9
3	54
3	28



Antwoorden bij opgavenblad 3 - getallendictee



2+3=5
S

G1602

2



Antwoorden

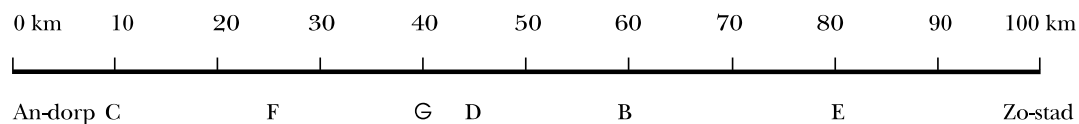
1.1. Gevarieerd voor- en achteruittellen

(1.1.1.) (0 4 8 12) 16 20 24 28 32 36 40

(1.1.2.) (225 220 215) 210 205 200 195 190 185 180

(1.1.3.) (€ 10,- € 9,75) € 9,50 € 9,25 € 9,- € 8,75 € 8,50 € 8,25 € 8,-

(1.1.4.)



(1.1.5.) (40 34) 28 22 16 10 4
4 euro

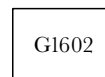
(1.1.6.) (18 25 32) 39 46 53 60 67 74 81

(1.1.7.) ($3\frac{1}{2}$ 7 $10\frac{1}{2}$) 14 $17\frac{1}{2}$ 21 $24\frac{1}{2}$ 28 $31\frac{1}{2}$ 35

(1.1.8.) (950 970 990) 1010 1030 1050 1070 1090 1110 1130 (1150)

(1.1.9.) (6 4 10 8 14) 12 18 16 22 20

(1.1.10.) (12,5 25 37,5 50) 62,5 75 87,5 100



Antwoorden

1.2. Optel- en aftrektafels

(1.2.1.) $9 + 3$
 $10 + 8$
 $5 + 6$
 $21 + 46$

(1.2.2.) $12 - 7$
 $15 - 7$
 $9 - 2$
 $51 - 40$

(1.2.3.) $8 + 8$
 $3 + 9$
 $50 + 30$

(1.2.4.) $>$
 $>$

(1.2.5.) $=$
 $<$

1.3. Vermenigvuldig- en deeltafels

(1.3.1.) € 4,-

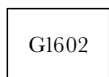
(1.3.2.) 48 pakken

(1.3.3.) 9 bladzijden

(1.3.4.) ~~5~~ ~~$28 : 4$~~
 ~~6~~ ~~$35 : 7$~~
 ~~7~~ ~~$27 : 3$~~
 ~~8~~ ~~$64 : 8$~~
 ~~9~~ ~~$54 : 9$~~

~~18~~ ~~5×5~~
 ~~25~~ ~~8×7~~
 ~~32~~ ~~3×6~~
 ~~63~~ ~~4×8~~
 ~~56~~ ~~7×9~~

(1.3.5) 5×6
 4×7
 $27 : 3$
 $40 : 5$



Antwoorden

1.4. Elementaire hoofdrekenopgaven

(1.4.1.) 90 km

(1.4.2.) 24 km

(1.4.3.) € 6,- (€ 4,50 + € 1,50)

(1.4.4.) € 900,-

(1.4.5.) 4 kleine dozen

(1.4.6.)	510	578
	742	4
	- 75	€ 248

(1.4.7.) $60 : 15 = 4$ of $60 = 15 \times 4$
 $20 : 4 = 5$ of $20 = 4 \times 5$

$60 = 100 - 40$
 $10 = 50 : 5$

(1.4.8.) Veel antwoorden zijn goed.

$24 + 1 = 25$ of $20 + 5 = 25$ enz.

$30 - 5 = 25$ of $26 - 1 = 25$ enz.

$5 \times 5 = 25$ of $25 \times 1 = 25$ ook $2 \times 12\frac{1}{2} = 25$ of $\frac{1}{4} \times 100 = 25$

$25 : 1 = 25$ of $100 : 4 = 25$ enz.

(1.4.9.)	32	326
	639	105

4×7 of 2×14 e.d.

1×34 of 2×17 e.d.

390

4

4 rest 4 of $4\frac{1}{2}$ ($4\frac{4}{8}$) of 4,5

31

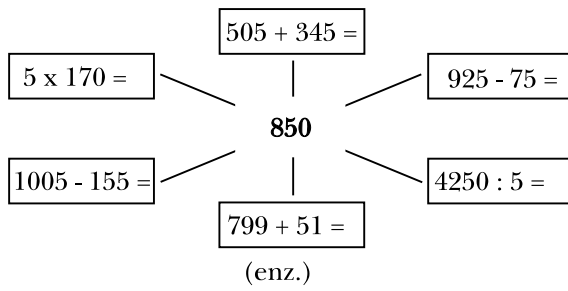
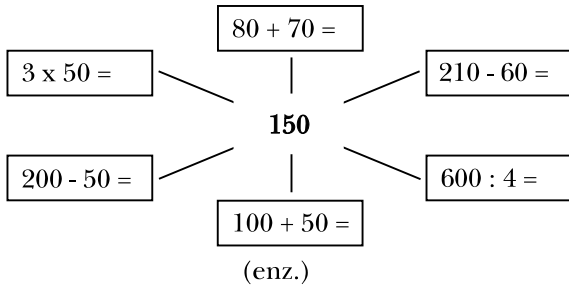


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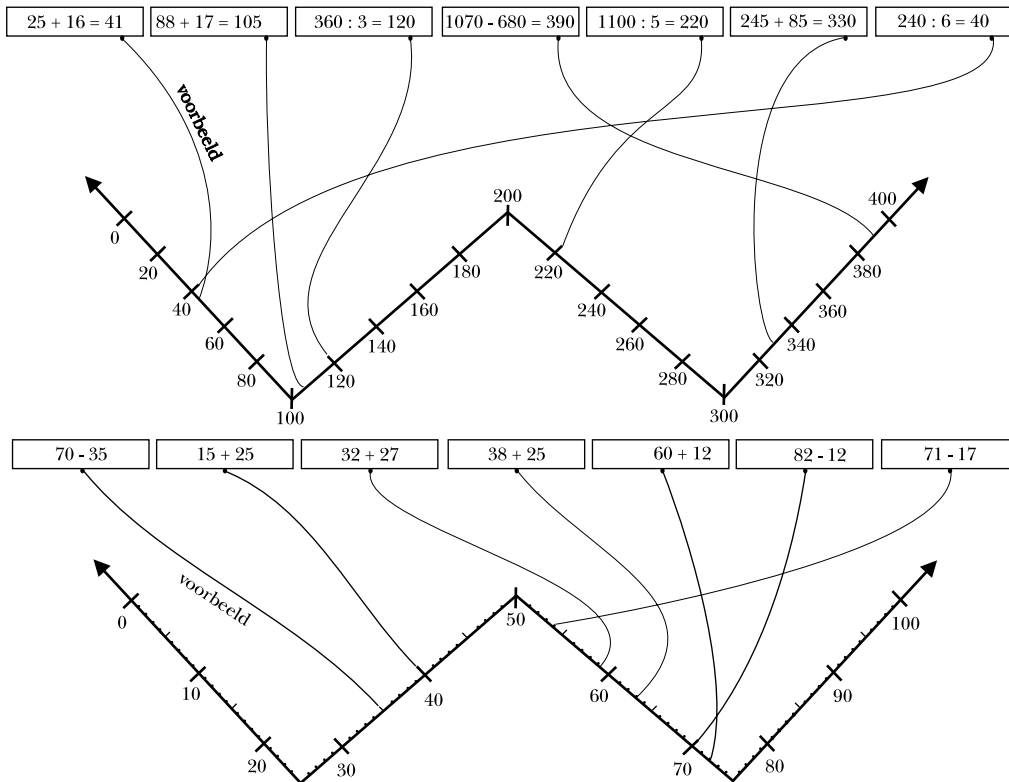
5

Antwoorden

(1.4.10.)



(1.4.11.)



Antwoorden

1.5. Schattend rekenen en afronden

(1.5.1.) $(750 - 600) = 150$ personen

(1.5.2.) 185.500 lei

(1.5.3.) € 2,-	op grond van	$50 - (9 + 15 + 24)$
of € 0,-	”	$50 - (10 + 15 + 25)$
of € 1,-	”	$50 - (10 + 15 + 24)$

(1.5.4.) ongeveer 300 uur (30 nachten in een maand, 10 uur per nacht)

(1.5.5.) ongeveer 300
ongeveer 7

(1.5.6.) >
<
<

1.6. Schattend rekenen (toepassing)

(1.6.1.) 65
104
118
€ 97,50

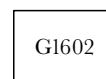
(1.6.2.) 4×24
 5×19
 $501 : 5$

(1.6.3.) allerlei mogelijkheden:

– als optellen/afrekken	25, 10 en 35 24, 6 en 30	25, 26 en 51
– als tafelantw. (veelvouden)	10, 15, 25, 30 en 35 6, 24, 30 en 36 6, 15, 24, 30, 36, 51	of 10 en 30
– grote getallen	30, 35, 36, 51	
– eindigen op hetzelfde cijfer	6, 26 en 36	N.B. ook 10 en 30
– er staat een 1 in	10, 15 en 51, enz.	

(1.6.4.) ongeveer 16 lootjes ($400 : 25$)

(1.6.5.) 11 paaltjes ($61 : 5$ is ongeveer 12 afstanden, maar de paaltjes A en B staan er al)



Antwoorden

1.7. Zakrekenmachine

(1.7.1.) Voorkeur in volgorde a, c, b

(1.7.2.) Voorkeur in volgorde b, a, c

(1.7.3.) Voorkeur in volgorde c, a, b

(1.7.4.) Voorkeur in volgorde c, b, a

N.B .Er zijn diverse merken rekenmachines in omloop. Sommige machines kunnen andere antwoorden opleveren, omdat ze een afwijkende bewerkingsvolgorde toepassen.

(1.7.5.) De toetsen en

(1.7.6.) De toetsen en

(1.7.7.) Je hebt de komma in 86 i.p.v. in 4,3 gezet (dus $8,6 : 43$)
Het goede antwoord is 20.

(1.7.8.)

1.8. Positiesysteem

(1.8.1.) (zie getallendictee)

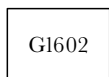
(1.8.2.) 7
 216
 38
 0
 2150
 2411

(1.8.3.) 97431

(1.8.4.) 13479

(1.8.5.) minder; 3960

(1.8.6.) 640406.



1.9. Kennis van negatieve getallen

1.9.1. 2 euro's

1.9.2. Nee, want $(30 + 45 = 75)$ hij komt 5 cent tekort

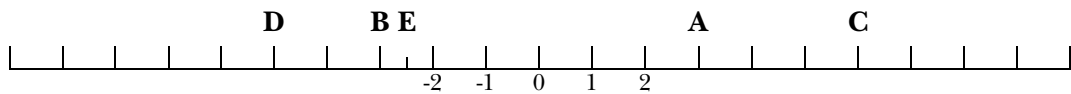
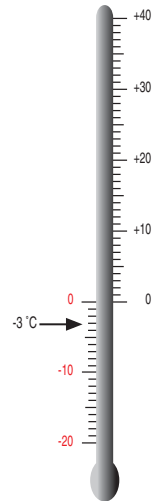
1.9.3. -3 graden of $-3\text{ }^{\circ}\text{C}$

1.9.4. $-1\text{ }^{\circ}\text{C}$

1.9.5. $-7\text{ }^{\circ}\text{C}$ (of het vriest 7 graden, of 7 graden onder 0)

1.9.6. $-4\text{ }^{\circ}\text{C}$

1.9.7.



1.9.8. A is 4
B is -2
C is -7
D is $-4\frac{1}{2}$

1.9.9. a. -8, -9, -10, -11
b. 0, -1, -2, -3
c. -12, -13, -14, -15
d. -22, -23, -24, -25
e. -2, -1, 0, 1

1.9.10. a. -12, -14, -16, -18
b. -6, -9, -12, -15
c. -6, -3, 0, 3
d. -25, -27, -29, -31
e. -16, -11, -6, -1

1.9.11. a. 3
b. -11
c. -21
d. -14

1.9.12. a. < e. >
b. > f. >
c. < g. <
d. > h. >

1.10. Optellen en aftrekken van negatieve getallen

1.10.1. 2
1
0
-1
-2

1.10.2. -3
-2
-1
0
1

1.10.3. -3
-6
-5
-1
-13

1.10.4. 1
2
4
2
0

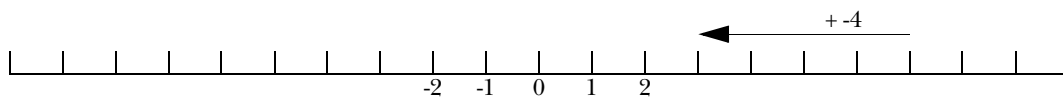
1.10.5. a. $2 + 3 =$
b. $-3 + 5 =$
c. $5 - 2 =$
d. $2 - 6 =$
e. $-4 - 3 =$

1.10.6.

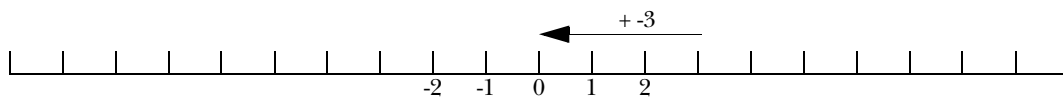
a.



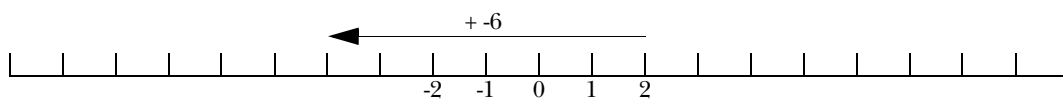
b.



c.

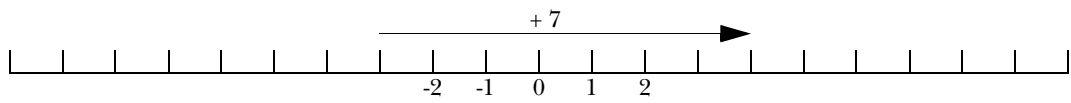


d.

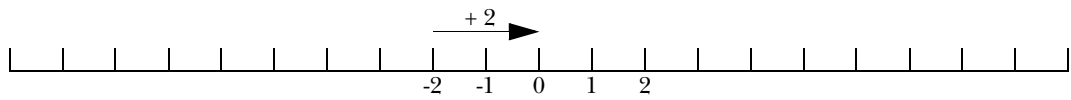


1.10.7.

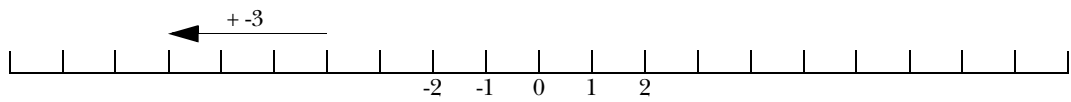
a.



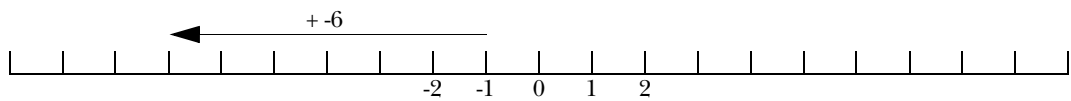
b.



c.

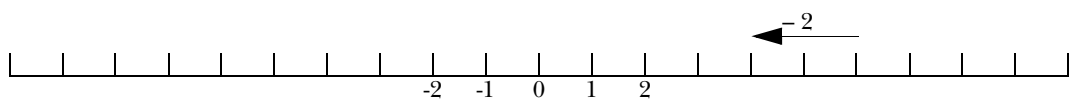


d.

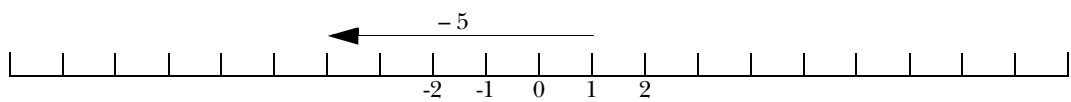


1.10.8.

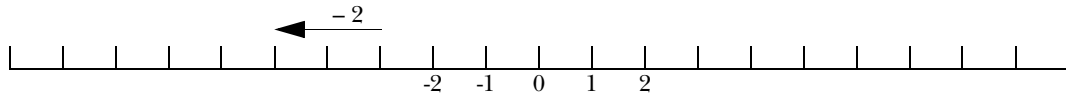
a.



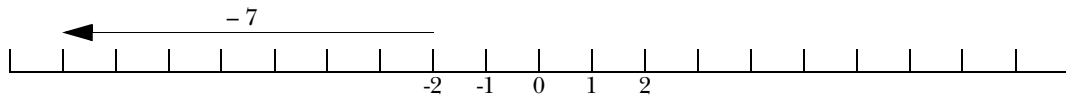
b.



c.

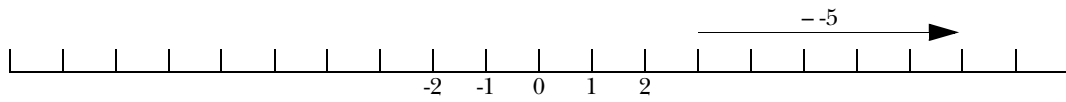


d.

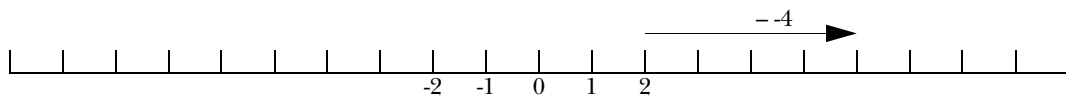


1.10.9.

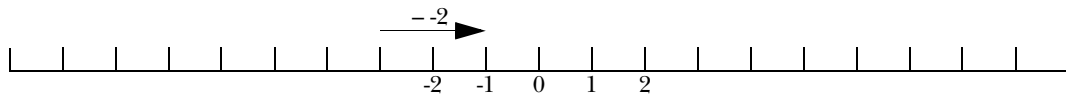
a.



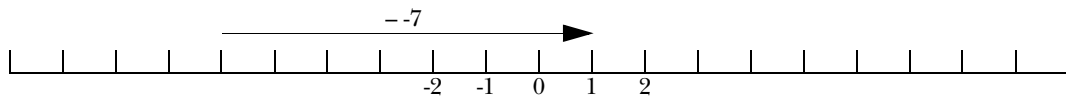
b.



c.



d.



- 1.10.10. a. -4
 b. 6
 c. 18
 d. optellen

- 1.10.11. -7
 -7
 -13
 -9
 -22

- 1.10.12. -1
 -2
 0
 -7
 -11

- 1.10.13. 5
 8
 12
 28
 7

- 1.10.14. -1
 1
 -8
 6
 0

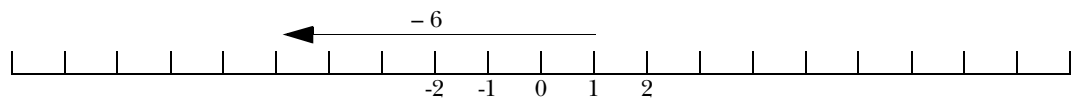
1.10.15.

a.



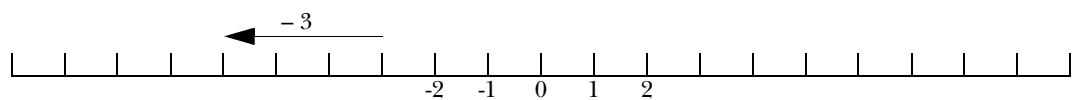
$$4 - 3 = 1$$

b.



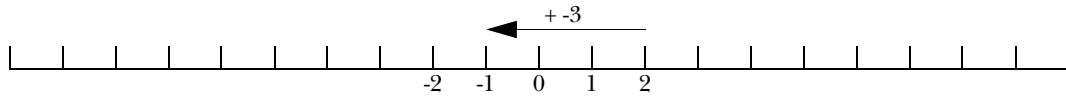
$$1 - 6 = -5$$

c.



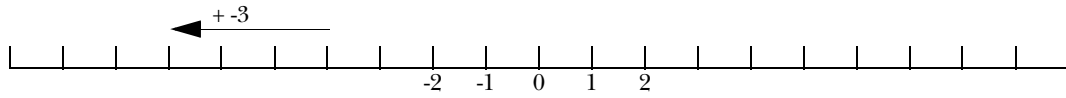
$$-3 - 3 = -6$$

d.



$$2 + -3 = -1$$

e.



$$-4 + -3 = -7$$

1.10.16. -2

-5

2

5

-3

1.10.17. -1

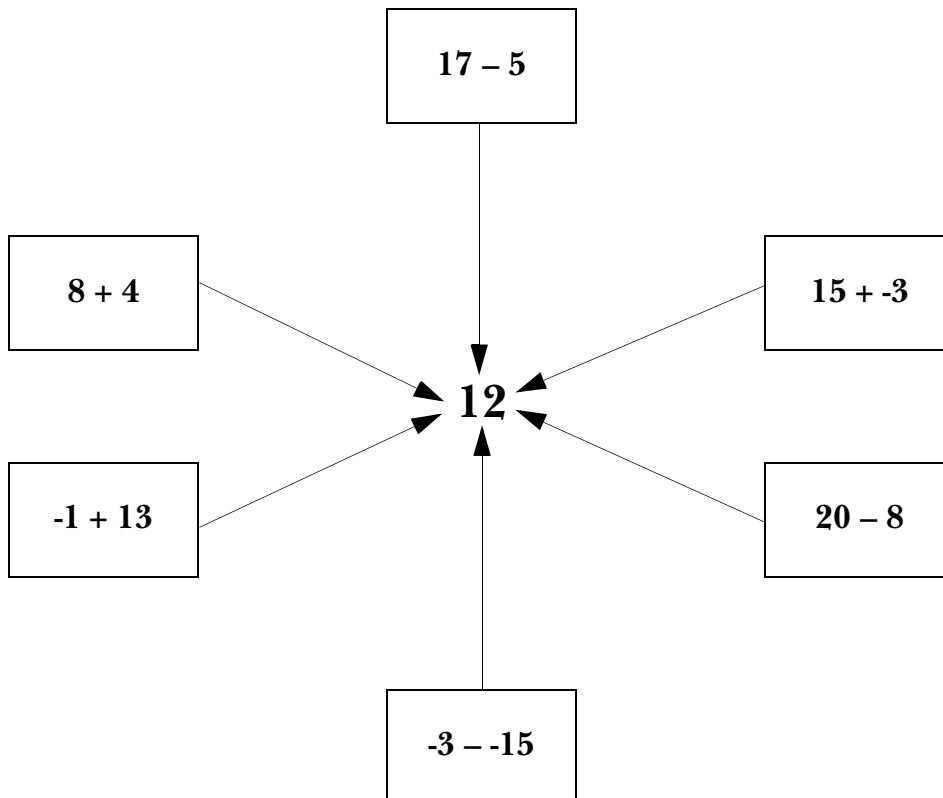
11

-11

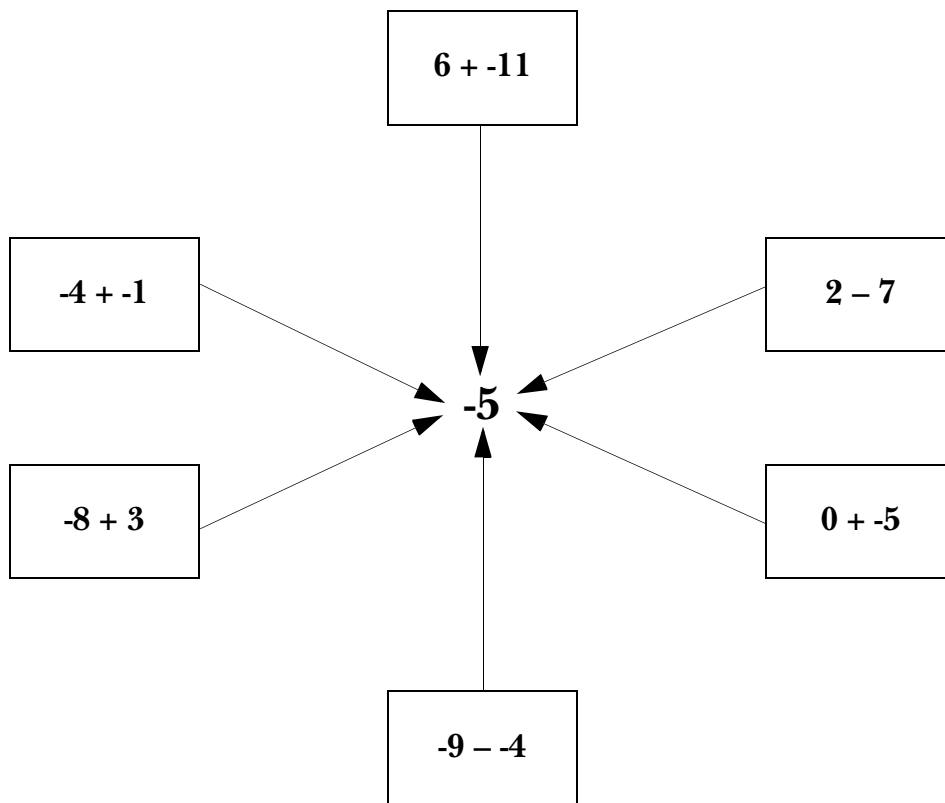
4

0

1.10.18.



1.10.19.



1.11. Vermenigvuldigen en delen van negatieve getallen

1.11.1. Met de pijlen wordt de tafel van -2 weergegeven

1.11.2.	-6	1.11.3.	-12
	-24		-30
	-7		-21
	-40		-16
	-18		-20

1.11.4.	36	1.11.5.	-6
	21		-16
	16		0
	15		54
	12		-24

1.11.6. 7×-2
 6×-8
 2×-10

1.11.7. -4×6
 -2×11
 -2×3

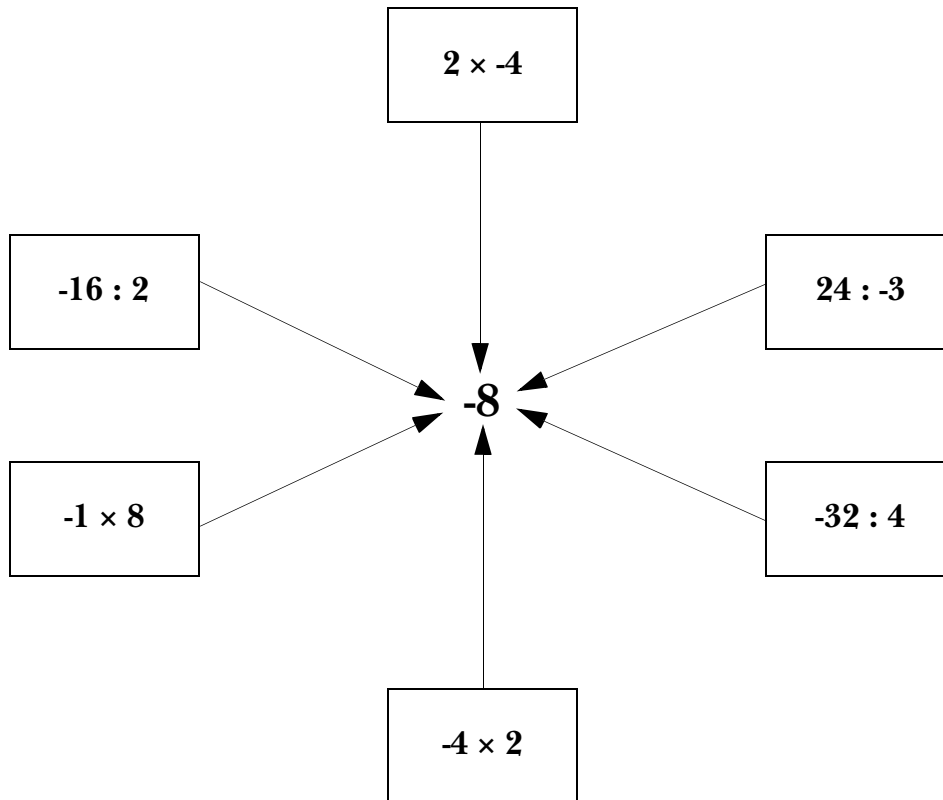
1.11.8. -4×-7
 -8×-8
 -2×-8

1.11.9.	-5	1.11.10.	-4
	-7		-9
	-3		-7
	-4		-3
	-7		-4

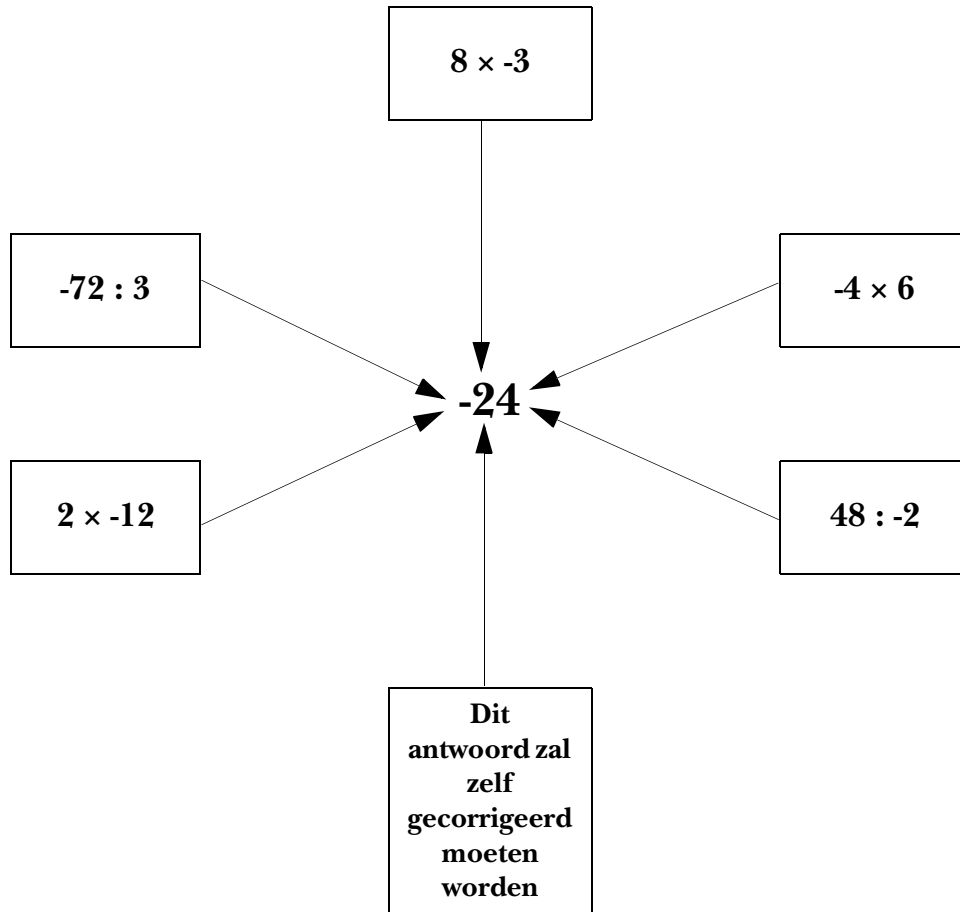
1.11.11. 7
10
10
12
1

1.11.12. -5
-5
5
5
kan niet

1.11.13.



1.11.14.



1.11.15. =
=
<
<
>

1.11.16. >
<
=
>
<