



SPECIAL EDITION



rekenwerk extra

$2+2=4$

$C = 2\pi r$

$A = \pi r^2$

$V = \pi r^2 h$

2χ

60°

χ

$\int \frac{d\chi}{\cos^2 \chi} = a$

$V = \frac{1}{3} r^2 h$

2

Naam: _____

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$\begin{array}{r} 1.349 \\ + 2.241 \\ \hline \end{array}$	$\begin{array}{r} 9.084 \\ + 3.599 \\ \hline \end{array}$	$\begin{array}{r} 5.836 \\ + 2.679 \\ \hline \end{array}$	$\begin{array}{r} 6.915 \\ + 3.975 \\ \hline \end{array}$	$\begin{array}{r} 4.142 \\ + 3.542 \\ \hline \end{array}$
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$\begin{array}{r} 7.642 \\ - 1.906 \\ \hline \end{array}$	$\begin{array}{r} 8.511 \\ - 1.458 \\ \hline \end{array}$	$\begin{array}{r} 2.179 \\ - 1.620 \\ \hline \end{array}$	$\begin{array}{r} 7.537 \\ - 1.181 \\ \hline \end{array}$	$\begin{array}{r} 3.601 \\ - 1.358 \\ \hline \end{array}$	$\begin{array}{r} 6.720 \\ - 1.496 \\ \hline \end{array}$
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$\begin{array}{r} 2,33 \\ 7,73 \\ + 6,52 \\ \hline \end{array}$	$\begin{array}{r} 817 \\ 527 \\ + 664 \\ \hline \end{array}$	$\begin{array}{r} 159 \\ 70 \\ + 694 \\ \hline \end{array}$	$\begin{array}{r} 2,75 \\ 3,50 \\ + 1,42 \\ \hline \end{array}$	$\begin{array}{r} 8,69 \\ 1,17 \\ + 7,43 \\ \hline \end{array}$
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$18 + 14 + 15 = \dots\dots\dots$

$17 \times 15 \times 16 = \dots\dots\dots$

$20 + 17 + 19 = \dots\dots\dots$

$(14 + 15) \times 12 = \dots\dots\dots$

$(15 + 19) + 15 \times 9 = \dots\dots\dots$

$(20 + 20) \times (13 + 20) = \dots\dots\dots$

$10 + (9 \times 12) = \dots\dots\dots$

$17 \times (16 + 12) = \dots\dots\dots$

$17 \times 17 \times 19 = \dots\dots\dots$

$(10 + 9 + 16) - 8 = \dots\dots\dots$

$\begin{array}{r} 207 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 491 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 471 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 398 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 485 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 462 \\ \times 5 \\ \hline \end{array}$
--	--	--	--	--	--

$\begin{array}{r} \text{€ } 10,37 \\ + 9,24 \\ \hline \end{array}$	$\begin{array}{r} \text{€ } 49,63 \\ + 6,51 \\ \hline \end{array}$	$\begin{array}{r} \text{€ } 76,64 \\ - 21,01 \\ \hline \end{array}$	$\begin{array}{r} \text{€ } 45,49 \\ - 32,17 \\ \hline \end{array}$	$\begin{array}{r} \text{€ } 58,22 \\ + 7,24 \\ \hline \end{array}$
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$\begin{array}{r} \text{€ } 74,23 \\ + 6,17 \\ \hline \end{array}$	$\begin{array}{r} \text{€ } 25,01 \\ + 9,22 \\ \hline \end{array}$	$\begin{array}{r} \text{€ } 61,49 \\ - 21,96 \\ \hline \end{array}$	$\begin{array}{r} \text{€ } 15,17 \\ + 9,03 \\ \hline \end{array}$	$\begin{array}{r} \text{€ } 25,75 \\ - 15,48 \\ \hline \end{array}$
--	--	---	--	---

$27 + \dots = 58$

$44 + \dots = 80$

$46 + \dots = 70$

$23 + \dots = 63$

$\dots + 31 = 74$

$49 + \dots = 75$

$49 + \dots = 78$

$26 + \dots = 60$

$43 + \dots = 66$

$\dots + 20 = 44$

$\dots + 40 = 88$

$\dots + 33 = 55$

$\dots + 27 = 43$

$\dots + 35 = 67$

$\dots + 46 = 87$

$\dots + 21 = 71$

$$\begin{array}{r} \dots \\ + 5.867 \\ \hline 7.415 \end{array}$$

$$\begin{array}{r} 1.690 \\ + \dots \\ \hline 7.767 \end{array}$$

$$\begin{array}{r} \dots \\ + 8.974 \\ \hline 11.726 \end{array}$$

$$\begin{array}{r} 3.914 \\ + \dots \\ \hline 11.209 \end{array}$$

$$\begin{array}{r} 3.051 \\ + \dots \\ \hline 8.604 \end{array}$$

$3 \times \dots = 12$

$\dots \times 7 = 63$

$10 \times \dots = 70$

$\dots \times 7 = 28$

$\dots \times 5 = 45$

$\dots \times 6 = 54$

$\dots \times 4 = 16$

$7 \times \dots = 42$

$\dots \times 7 = 56$

$11 \times \dots = 88$

$6 \times \dots = 48$

$3 \times \dots = 15$

$\dots \times 6 = 24$

$6 \times \dots = 30$

$\dots \times 8 = 56$

$\dots \times 4 = 32$

$52 - 43 = \dots$

$73 - \dots = 60$

$70 - \dots = 40$

$\dots - 33 = 7$

$83 - 52 = \dots$

$40 - \dots = 22$

$\dots - 22 = 16$

$\dots - 13 = 85$

$60 - 23 = \dots$

$95 - 82 = \dots$

$66 - \dots = 32$

$57 - \dots = 41$

$79 - 34 = \dots$

$51 - 20 = \dots$

$\dots - 37 = 61$

$\dots - 13 = 13$

$$\begin{array}{r} \dots \\ - 274 \\ \hline 414 \end{array}$$

$$\begin{array}{r} 974 \\ - \dots \\ \hline 62 \end{array}$$

$$\begin{array}{r} 614 \\ - \dots \\ \hline 191 \end{array}$$

$$\begin{array}{r} 836 \\ - 601 \\ \hline \dots \end{array}$$

$$\begin{array}{r} 879 \\ - 619 \\ \hline \dots \end{array}$$

$12 + 16 = \dots$

$4 : 2 = \dots$

$10 : 5 = \dots$

$9 \times 13 = \dots$

$90 - 36 = \dots$

$14 - 13 = \dots$

$3 \times 13 = \dots$

$16 + 12 = \dots$

$67 + 11 = \dots$

$5 \times 13 = \dots$

$8 \times 7 = \dots$

$72 + 19 = \dots$

$34 + 25 = \dots$

$30 : 6 = \dots$

$6 \times 12 = \dots$

$15 : 5 = \dots$

$67 - 35 = \dots$

$63 - 27 = \dots$

$12 : 3 = \dots$

$74 - 19 = \dots$

$19 \times 4 = \dots$

$20 \times 9 = \dots$

$27 : 9 = \dots$

$10 : 5 = \dots$

$18 - 10 = \dots$

$1 \times 6 = \dots$

$36 : 2 = \dots$

$7 + 3 = \dots$

$12 : 3 = \dots$

$36 : 9 = \dots$

$17 \times 8 = \dots$

$3 + 8 = \dots$

$6 + 9 = \dots$

$2 - 2 = \dots$

$6 \times 5 = \dots$

$2 + 3 = \dots$

$28 : 7 = \dots$

$190 : 10 = \dots$

$85 : 5 = \dots$

$95 : 5 = \dots$

$15 \times 8 = \dots$

$8 + 3 = \dots$

$10 \times 6 = \dots$

$10 + 3 = \dots$

$16 + 5 = \dots$

$48 : 8 = \dots$

$45 : 3 = \dots$

$1 \times 7 = \dots$

$19 - 3 = \dots$

$81 : 9 = \dots$

$98 : 7 = \dots$

$60 : 6 = \dots$

$5 + 9 = \dots$

$108 : 6 = \dots$

$13 + 8 = \dots$

$54 : 9 = \dots$

$11 \times 4 = \dots$

$19 \times 3 = \dots$

$6 : 2 = \dots$

$56 : 8 = \dots$

$16 + (10 \times 18) = \dots$

$(20 + 15 + 7) - 8 = \dots$

$(16 + 13) \times (14 + 9) = \dots$

$14 + 7 + 19 = \dots$

$7 + (6 \times 16) = \dots$

$6 \times 6 + 18 = \dots$

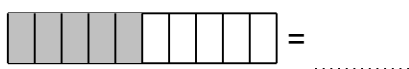
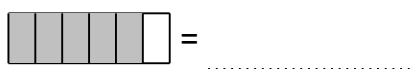
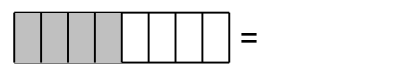
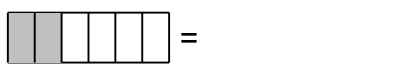
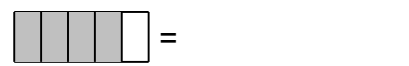
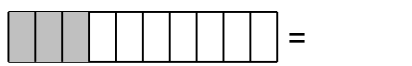
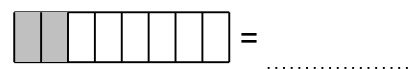
$(16 + 12) \times (7 + 6) = \dots$

$(13 + 10) \times (9 + 20) = \dots$

$6 \times 18 \times 13 = \dots$

$7 \times (7 + 15) = \dots$

Welk deel is gekleurd?



Wat moet er staan om de breuk even groot te maken?

$$\frac{5}{10} = \frac{\quad}{20} = \frac{\quad}{30}$$

$$\frac{1}{2} = \frac{6}{\quad} = \frac{\quad}{16}$$

$$\frac{2}{4} = \frac{10}{\quad} = \frac{20}{\quad}$$

$$\frac{3}{10} = \frac{\quad}{20} = \frac{\quad}{80}$$

$$\frac{2}{5} = \frac{12}{\quad} = \frac{8}{\quad}$$

$$\frac{10}{20} = \frac{80}{\quad} = \frac{\quad}{120}$$

$$\frac{1}{2} = \frac{4}{\quad} = \frac{\quad}{14}$$

$$\frac{1}{8} = \frac{\quad}{32} = \frac{\quad}{72}$$

$$\frac{4}{6} = \frac{12}{\quad} = \frac{36}{\quad}$$

$$\frac{4}{8} = \frac{32}{\quad} = \frac{12}{\quad}$$

$$\frac{3}{4} = \frac{\quad}{32} = \frac{8}{\quad}$$

$$\frac{1}{2} = \frac{5}{\quad} = \frac{8}{\quad}$$

$$\frac{7}{20} = \frac{42}{\quad} = \frac{49}{\quad}$$

$$\frac{4}{6} = \frac{\quad}{42} = \frac{20}{\quad}$$

$$\frac{4}{5} = \frac{\quad}{40} = \frac{12}{\quad}$$

$$\frac{4}{10} = \frac{24}{\quad} = \frac{\quad}{30}$$

Kies voor kleiner < of groter > of gelijk =

$$\frac{4}{5} \dots \frac{1}{2}$$

$$\frac{2}{4} \dots \frac{5}{6}$$

$$\frac{2}{8} \dots \frac{1}{10}$$

$$\frac{2}{3} \dots \frac{6}{12}$$

$$\frac{1}{8} \dots \frac{3}{6}$$

$$\frac{2}{4} \dots \frac{2}{5}$$

$$\frac{2}{12} \dots \frac{1}{3}$$

$$\frac{1}{2} \dots \frac{2}{10}$$

$$\frac{4}{6} \dots \frac{1}{3}$$

$$\frac{2}{4} \dots \frac{1}{2}$$

$$\frac{2}{5} \dots \frac{2}{12}$$

$$\frac{1}{8} \dots \frac{2}{10}$$

$$\frac{1}{4} \dots \frac{3}{10}$$

$$\frac{3}{12} \dots \frac{1}{3}$$

$$\frac{3}{8} \dots \frac{1}{2}$$

$$\frac{3}{6} \dots \frac{8}{10}$$

Haal de helen eruit.

$$\frac{42}{5} = \dots\dots\dots$$

$$\frac{7}{2} = \dots\dots\dots$$

$$\frac{13}{3} = \dots\dots\dots$$

$$\frac{26}{8} = \dots\dots\dots$$

$$\frac{51}{8} = \dots\dots\dots$$

$$\frac{8}{6} = \dots\dots\dots$$

$$\frac{8}{3} = \dots\dots\dots$$

$$\frac{46}{10} = \dots\dots\dots$$

Breuken optellen, eerst de noemers gelijk maken.

$$\frac{9}{10} + \frac{2}{10} = \dots\dots\dots$$

$$\frac{1}{2} + \frac{1}{2} = \dots\dots\dots$$

$$\frac{3}{5} + \frac{3}{5} = \dots\dots\dots$$

$$\frac{4}{6} + \frac{1}{6} = \dots\dots\dots$$

$$\frac{4}{10} + \frac{8}{10} = \dots\dots\dots$$

$$\frac{1}{4} + \frac{2}{4} = \dots\dots\dots$$

$$\frac{4}{6} + \frac{3}{6} = \dots\dots\dots$$

$$\frac{3}{8} + \frac{7}{8} = \dots\dots\dots$$

$$\frac{1}{3} + \frac{1}{3} = \dots\dots\dots$$

$$\frac{3}{8} + \frac{1}{8} = \dots\dots\dots$$

$$\frac{3}{6} + \frac{1}{6} = \dots\dots\dots$$

$$\frac{4}{5} + \frac{3}{5} = \dots\dots\dots$$

$$\frac{3}{4} + \frac{1}{4} = \dots\dots\dots$$

$$\frac{5}{10} + \frac{3}{10} = \dots\dots\dots$$

$$\frac{2}{3} + \frac{1}{3} = \dots\dots\dots$$

$$\frac{2}{4} + \frac{3}{4} = \dots\dots\dots$$

Vereenvoudig de breuken.

$$\frac{2}{6} = \dots\dots\dots$$

$$\frac{15}{25} = \dots\dots\dots$$

$$\frac{15}{18} = \dots\dots\dots$$

$$\frac{81}{90} = \dots\dots\dots$$

$$\frac{4}{12} = \dots\dots\dots$$

$$\frac{7}{56} = \dots\dots\dots$$

$$\frac{16}{28} = \dots\dots\dots$$

$$\frac{16}{20} = \dots\dots\dots$$

$$\frac{30}{36} = \dots\dots\dots$$

$$\frac{16}{32} = \dots\dots\dots$$

$$\frac{45}{90} = \dots\dots\dots$$

$$\frac{3}{6} = \dots\dots\dots$$

$$\frac{5}{35} = \dots\dots\dots$$

$$\frac{32}{40} = \dots\dots\dots$$

$$\frac{12}{24} = \dots\dots\dots$$

$$\frac{28}{35} = \dots\dots\dots$$

Haal de helen eruit.

$$\frac{19}{3} = \dots\dots\dots$$

$$\frac{50}{9} = \dots\dots\dots$$

$$\frac{35}{4} = \dots\dots\dots$$

$$\frac{11}{5} = \dots\dots\dots$$

$$\frac{11}{2} = \dots\dots\dots$$

$$\frac{39}{9} = \dots\dots\dots$$

$$\frac{49}{6} = \dots\dots\dots$$

$$\frac{57}{10} = \dots\dots\dots$$

$$\frac{79}{9} = \dots\dots\dots$$

$$\frac{33}{5} = \dots\dots\dots$$

$$\frac{57}{6} = \dots\dots\dots$$

$$\frac{75}{10} = \dots\dots\dots$$

$$\frac{3}{4} - \frac{2}{4} = \underline{\hspace{2cm}}$$

$$\frac{7}{8} - \frac{6}{8} = \underline{\hspace{2cm}}$$

$$\frac{5}{6} - \frac{3}{6} = \underline{\hspace{2cm}}$$

$$\frac{3}{5} - \frac{2}{5} = \underline{\hspace{2cm}}$$

$$\frac{4}{5} - \frac{3}{5} = \underline{\hspace{2cm}}$$

$$\frac{2}{3} - \frac{1}{3} = \underline{\hspace{2cm}}$$

$$\frac{6}{8} - \frac{5}{8} = \underline{\hspace{2cm}}$$

$$\frac{7}{10} - \frac{6}{10} = \underline{\hspace{2cm}}$$

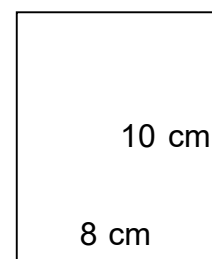
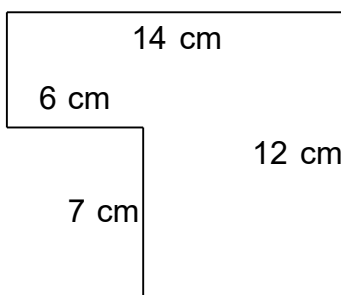
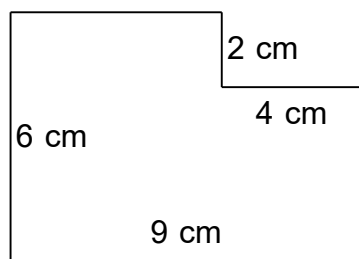
$$\frac{9}{12} - \frac{3}{12} = \underline{\hspace{2cm}}$$

$$\frac{5}{6} - \frac{1}{6} = \underline{\hspace{2cm}}$$

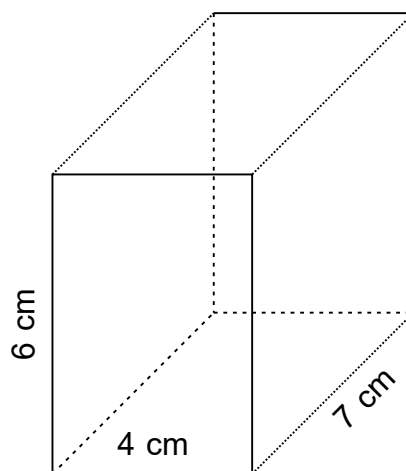
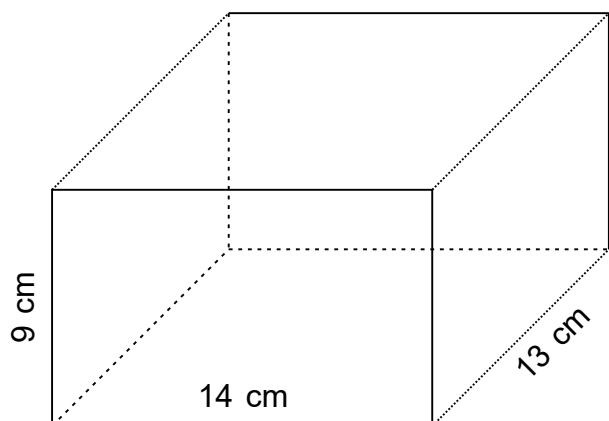
$$\frac{3}{4} - \frac{1}{4} = \underline{\hspace{2cm}}$$

$$\frac{11}{12} - \frac{5}{12} = \underline{\hspace{2cm}}$$

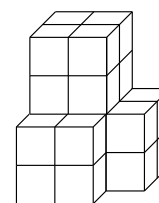
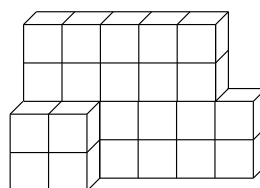
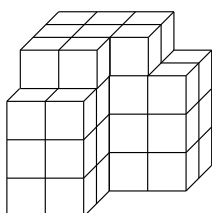
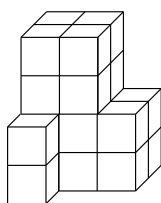
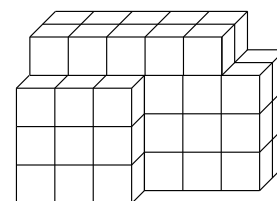
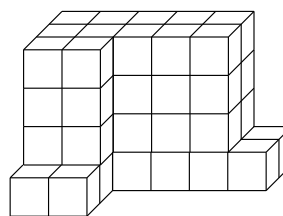
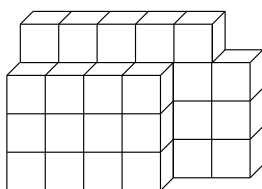
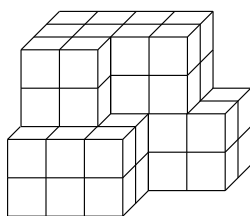
Wat is de omtrek en de oppervlakte?



Wat is de inhoud?



Hoeveel blokken staan er in elke berg?



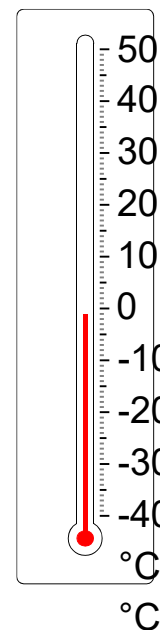
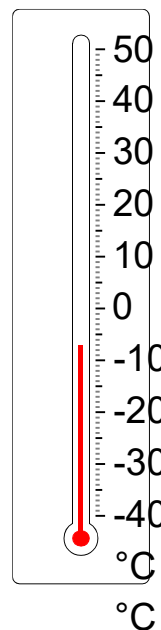
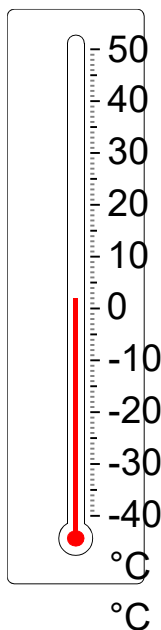
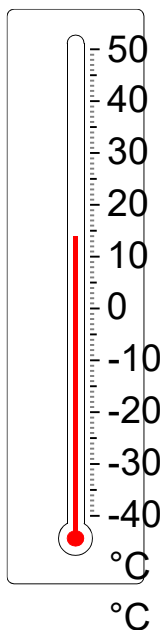
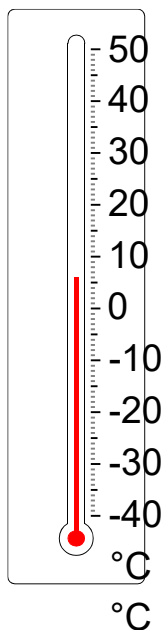
$0,27 \text{ m} = \dots \text{ cm} \quad 91 \text{ dm} = \dots \text{ m} \quad 78 \text{ dam} = \dots \text{ m}$

$8,2 \text{ dam} = \dots \text{ m} \quad 0,31 \text{ cm} = \dots \text{ hm} \quad 3,1 \text{ dam} = \dots \text{ hm}$

$2,1 \text{ dam} = \dots \text{ hm} \quad 0,82 \text{ dam} = \dots \text{ hm} \quad 27 \text{ cm} = \dots \text{ dam}$

$9,1 \text{ dam} = \dots \text{ hm} \quad 1,1 \text{ dm} = \dots \text{ dam} \quad 0,27 \text{ dam} = \dots \text{ m}$

Hoeveel graden is het?



$66 \text{ dg} = \dots \text{ cg} \quad 2,5 \text{ g} = \dots \text{ dg} \quad 1,1 \text{ mg} = \dots \text{ g}$

$68 \text{ g} = \dots \text{ cg} \quad 0,57 \text{ g} = \dots \text{ dg} \quad 0,43 \text{ g} = \dots \text{ dg}$

$4,5 \text{ cg} = \dots \text{ dg} \quad 5,3 \text{ g} = \dots \text{ mg} \quad 35 \text{ dg} = \dots \text{ g}$

$3,4 \text{ dg} = \dots \text{ g} \quad 0,30 \text{ cg} = \dots \text{ dg} \quad 98 \text{ dg} = \dots \text{ g}$

$76 \text{ cL} = \dots \text{ dL} \quad 6,9 \text{ L} = \dots \text{ dL} \quad 63 \text{ cL} = \dots \text{ dL}$

$0,46 \text{ L} = \dots \text{ dL} \quad 8,0 \text{ dL} = \dots \text{ L} \quad 59 \text{ L} = \dots \text{ cL}$

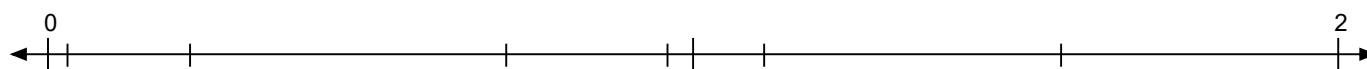
$9,3 \text{ dL} = \dots \text{ L} \quad 6,0 \text{ L} = \dots \text{ cL} \quad 86 \text{ cL} = \dots \text{ mL}$

Romeinse cijfers

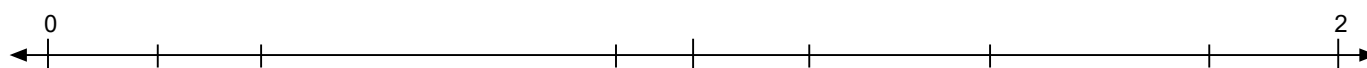
LXXI = MMCCXCVI = XXIII =
 CM = CCXCVIII = DCCLXXVII =
 MMDCCCXCVII = XCVII = XCIV =
 DCCCXLIV = MMCCCLXXIV = MCLI =

Zet de getallen op de goede plaats

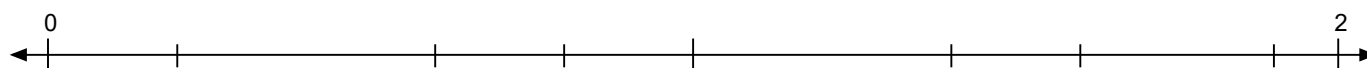
0,71 1,57 0,96 0,22 1,11 0,03



0,33 1,18 0,17 1,8 0,88 1,46



0,8 0,6 1,9 0,2 1,4 1,6



Markeer het kleinste getal in elke kolom.

0,81	213	41,4	23,2	2,95
9,50	51,7	8,23	37,1	602
9,40	4,98	96,8	87,2	673
499	1,76	597	512	78,0
926	15,5	45,7	12	17

Hoeveel is het onderstreepte cijfer waard?

13.870 = 48.018 =70.293 = 75.549 =48.693 = 916,89 =83.159 = 814,7 =86.452 = 8.752,3 =

Afronden op het onderstreepte getal.

$$\begin{array}{llll}
 3,7\bar{3} = \underline{\hspace{2cm}} & 5\bar{0},45 = \underline{\hspace{2cm}} & 23,1\bar{6} = \underline{\hspace{2cm}} & 2.79\bar{2} = \underline{\hspace{2cm}} \\
 47,4\bar{2} = \underline{\hspace{2cm}} & \bar{2}8,09 = \underline{\hspace{2cm}} & 1.6\bar{2}2 = \underline{\hspace{2cm}} & 4.87\bar{4} = \underline{\hspace{2cm}} \\
 78,6\bar{9} = \underline{\hspace{2cm}} & 725,\bar{8} = \underline{\hspace{2cm}} & 8.10\bar{0} = \underline{\hspace{2cm}} & 738,\bar{2} = \underline{\hspace{2cm}} \\
 681,\bar{0} = \underline{\hspace{2cm}} & 23\bar{0},5 = \underline{\hspace{2cm}} & 57,\bar{7}1 = \underline{\hspace{2cm}} & 7.40\bar{2} = \underline{\hspace{2cm}}
 \end{array}$$

Vul de ontbrekende getallen in.

5	-	4	+	5	=	
-		+		-		+
4	+	12	-	2	=	
+		-		+		+
9	-	7	+	8	=	
=		=		=		=
	+		+		=	

5	-	4	+	5	=	
-		+		-		+
4	+	11	-	2	=	
+		-		+		+
2	-	2	+	3	=	
=		=		=		=
	+		+		=	

Tel op en maak compleet. Gebruik getallen van 1 t/m 9.

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

Vind de geheime route!

3	5	6
9	6	6
6	7	7
+		28

6	2	2
7	9	7
6	8	5
+		26

5	9	4
3	6	9
3	6	6
+		36

1	7	8
2	6	7
4	2	2
+		32

Los de sudoku op, in elk blok de getallen van 1 t/m 9.

6		3	5	4			1	
	7	9	2		1	5		3
5				8		7	6	
1		8	4	9				
2	9			3	6	4		1
3	4		8	1			2	
		1	6		9	2	3	
			1				5	8
4	5		3	2		1		7

20% van 300 =

2% van 4.000 =

6% van 4.000 =

10% van 3.000 =

20% van 4.000 =

5% van 2.000 =

4% van 6.000 =

3% van 6.000 =

10% van 5.000 =