

EFFECTUE LES CALCULS SUIVANTS EN CALCUL ÉCRIT
(SUR UNE FEUILLE QUADRILLÉE)

$245+23= 277$

$92+714= 806$

$462+30= 492$

$143+27= 170$

$290+70= 360$

$96+37= 133$

$405+36= 441$

$421+17= 438$

$707+23= 730$

$86+29= 115$

$693+44= 737$

$34+15= 49$

$902+11= 913$

$87+39= 126$

$200+3= 203$

$41+16= 57$

$456+73= 529$

$48+29= 77$

$961+94= 1055$

$41+105= 146$

$709+63= 772$

$92+784= 876$

$981+99= 1080$

$72+463= 535$

$720+32= 752$

$68+693= 761$

$91+1200= 1291$

$93+483= 576$

$95+38= 133$

$81+461= 542$

$72+26= 98$

$47+153= 200$

$34+19= 53$

$894+745= 1639$

EFFECTUE LES CALCULS SUIVANTS EN CALCUL ÉCRIT
(SUR UNE FEUILLE QUADRILLÉE)

$593+402= 995$

$687+245= 932$

$593+254= 847$

$818+234= 1052$

$765+173= 938$

$728+547= 1275$

$310+105= 415$

$432+313= 745$

$703+405= 1108$

$670+526= 1196$

$405+224= 629$

$139+457= 596$

$739+245= 984$

$309+535= 844$

$808+291= 1099$

$236+675= 911$

$789+598= 1387$

$109+326= 435$

$456+377= 833$

$318+736= 1054$

$236+145= 381$

$144+360= 504$

$405+593= 998$

$314+471= 785$

$758+319= 1077$

$284+575= 859$

$556+238= 794$

$158+438= 596$

$895+457= 1352$

$304+462= 766$

$794+258= 1052$

$281+472= 753$

$849+256= 1105$

$171+352= 523$

EFFECTUE LES CALCULS SUIVANTS EN CALCUL ÉCRIT
(SUR UNE FEUILLE QUADRILLÉE)

$4693+409= 5102$

$857+6245= 7102$

$593+2564= 3157$

$818+2734= 3552$

$7765+173= 7938$

$7228+5437= 12665$

$3130+1025= 4155$

$432+3413= 3845$

$7093+405= 7498$

$6470+526= 6996$

$405+2824= 3229$

$139+4507= 4646$

$1739+2435= 4174$

$3009+5035= 8044$

$8028+291= 8319$

$2346+6775= 9121$

$789+5798= 6587$

$1079+3226= 4305$

$4516+1377= 5893$

$318+7336= 7654$

$2136+1475= 3611$

$1444+360= 1804$

$4085+593= 4678$

$1314+4471= 5785$

$758+3179= 3937$

$2884+5775= 8659$

$5756+238= 5994$

$1058+438= 1496$

$895+4557= 5452$

$304+4682= 4986$

$794+2558= 3352$

$2781+472= 3253$

$8549+2516= 11065$

$171+3052= 3223$

EFFECTUE LES CALCULS SUIVANTS EN CALCUL ÉCRIT
(SUR UNE FEUILLE QUADRILLÉE)

$45-23= 22$

$92-74= 18$

$62-30= 32$

$43-27= 16$

$90-70= 20$

$96-37= 59$

$45-36= 9$

$42-17= 25$

$77-23= 54$

$86-29= 57$

$69-44= 25$

$34-15= 19$

$92-11= 81$

$87-39= 48$

$72-38= 34$

$41-16= 25$

$94-73= 21$

$48-29= 19$

$91-24= 67$

$41-15= 26$

$79-63= 16$

$92-74= 18$

$91-19= 72$

$72-46= 26$

$72-32= 40$

$68-29= 39$

$91-12= 79$

$93-48= 45$

$95-38= 57$

$81-46= 35$

$72-26= 46$

$47-18= 29$

$34-19= 15$

$89-74= 15$

EFFECTUE LES CALCULS SUIVANTS EN CALCUL ÉCRIT
(SUR UNE FEUILLE QUADRILLÉE)

$592-43= 549$

$645-87= 758$

$593-24= 569$

$818-34= 784$

$765-17= 741$

$728-57= 671$

$310-15= 295$

$432-33= 399$

$703-45= 658$

$670-56= 614$

$405-24= 381$

$139-57= 82$

$739-45= 694$

$309-55= 254$

$808-29= 779$

$236-67= 169$

$789-98= 691$

$109-36= 73$

$456-37= 419$

$318-76= 242$

$236-45= 191$

$144-36= 108$

$405-59= 346$

$314-47= 267$

$758-39= 719$

$284-57= 227$

$556-38= 518$

$158-48= 110$

$895-57= 838$

$304-46= 258$

$794-58= 736$

$281-47= 234$

$849-56= 793$

$171-35= 136$

EFFECTUE LES CALCULS SUIVANTS EN CALCUL ÉCRIT
(SUR UNE FEUILLE QUADRILLÉE)

$5912-43= 5869$

$6145-87= 6058$

$5933-24= 5909$

$8108-34= 8074$

$7625-17= 7608$

$7228-57= 7171$

$3100-15= 3085$

$4332-33= 4299$

$7023-45= 6978$

$6740-56= 6684$

$4015-24= 3991$

$1359-57= 1302$

$7309-45= 7264$

$3009-55= 2954$

$8058-29= 8029$

$2316-67= 2249$

$7819-98= 7721$

$1029-36= 993$

$4526-37= 4489$

$3138-76= 3062$

$2326-45= 2281$

$1444-36= 1408$

$4035-59= 3996$

$3154-47= 3107$

$7508-39= 7469$

$2804-57= 2747$

$5516-38= 5478$

$1518-48= 1470$

$8925-57= 8868$

$3024-46= 2978$

$7934-58= 7876$

$2831-47= 2784$

$8449-56= 8393$

$1741-35= 1706$

MULTIPLICATIONS – CALCULS ÉCRITS

$\begin{array}{r} 12 \\ \times 3 \\ \hline 36 \end{array}$	$\begin{array}{r} 19 \\ \times 1 \\ \hline 19 \end{array}$	$\begin{array}{r} 43 \\ \times 2 \\ \hline 86 \end{array}$	$\begin{array}{r} 20 \\ \times 4 \\ \hline 80 \end{array}$	$\begin{array}{r} 27 \\ \times 1 \\ \hline 27 \end{array}$
$\begin{array}{r} 34 \\ \times 2 \\ \hline 68 \end{array}$	$\begin{array}{r} 91 \\ \times 1 \\ \hline 91 \end{array}$	$\begin{array}{r} 21 \\ \times 3 \\ \hline 63 \end{array}$	$\begin{array}{r} 40 \\ \times 2 \\ \hline 80 \end{array}$	$\begin{array}{r} 72 \\ \times 1 \\ \hline 72 \end{array}$
$\begin{array}{r} 23 \\ \times 3 \\ \hline 69 \end{array}$	$\begin{array}{r} 41 \\ \times 2 \\ \hline 82 \end{array}$	$\begin{array}{r} 30 \\ \times 3 \\ \hline 90 \end{array}$	$\begin{array}{r} 32 \\ \times 2 \\ \hline 64 \end{array}$	$\begin{array}{r} 58 \\ \times 1 \\ \hline 58 \end{array}$
$\begin{array}{r} 22 \\ \times 4 \\ \hline 88 \end{array}$	$\begin{array}{r} 13 \\ \times 2 \\ \hline 26 \end{array}$	$\begin{array}{r} 31 \\ \times 3 \\ \hline 93 \end{array}$	$\begin{array}{r} 19 \\ \times 1 \\ \hline 19 \end{array}$	$\begin{array}{r} 33 \\ \times 3 \\ \hline 99 \end{array}$
$\begin{array}{r} 11 \\ \times 4 \\ \hline 44 \end{array}$	$\begin{array}{r} 95 \\ \times 1 \\ \hline 95 \end{array}$	$\begin{array}{r} 44 \\ \times 2 \\ \hline 88 \end{array}$	$\begin{array}{r} 32 \\ \times 3 \\ \hline 96 \end{array}$	$\begin{array}{r} 14 \\ \times 2 \\ \hline 28 \end{array}$
$\begin{array}{r} 86 \\ \times 1 \\ \hline 86 \end{array}$	$\begin{array}{r} 15 \\ \times 1 \\ \hline 15 \end{array}$	$\begin{array}{r} 30 \\ \times 2 \\ \hline 60 \end{array}$	$\begin{array}{r} 12 \\ \times 3 \\ \hline 36 \end{array}$	$\begin{array}{r} 12 \\ \times 4 \\ \hline 48 \end{array}$

MULTIPLICATIONS – CALCULS ÉCRITS

Exemple :

$$\begin{array}{r} 72 \\ \times 6 \\ \hline 432 \end{array}$$

6 x 2 = 12
 je note 2, je reporte 1
 6 x 7 = 42 ; 42 + 1 = 43

$\begin{array}{r} 45 \\ \times 3 \\ \hline 135 \end{array}$	$\begin{array}{r} 69 \\ \times 1 \\ \hline 69 \end{array}$	$\begin{array}{r} 85 \\ \times 3 \\ \hline 255 \end{array}$	$\begin{array}{r} 50 \\ \times 2 \\ \hline 100 \end{array}$	$\begin{array}{r} 27 \\ \times 4 \\ \hline 108 \end{array}$
$\begin{array}{r} 45 \\ \times 5 \\ \hline 225 \end{array}$	$\begin{array}{r} 94 \\ \times 2 \\ \hline 188 \end{array}$	$\begin{array}{r} 64 \\ \times 1 \\ \hline 64 \end{array}$	$\begin{array}{r} 53 \\ \times 3 \\ \hline 159 \end{array}$	$\begin{array}{r} 60 \\ \times 4 \\ \hline 240 \end{array}$
$\begin{array}{r} 86 \\ \times 1 \\ \hline 86 \end{array}$	$\begin{array}{r} 15 \\ \times 3 \\ \hline 45 \end{array}$	$\begin{array}{r} 64 \\ \times 2 \\ \hline 128 \end{array}$	$\begin{array}{r} 42 \\ \times 5 \\ \hline 210 \end{array}$	$\begin{array}{r} 41 \\ \times 4 \\ \hline 164 \end{array}$
$\begin{array}{r} 56 \\ \times 4 \\ \hline 224 \end{array}$	$\begin{array}{r} 69 \\ \times 3 \\ \hline 207 \end{array}$	$\begin{array}{r} 85 \\ \times 2 \\ \hline 170 \end{array}$	$\begin{array}{r} 53 \\ \times 1 \\ \hline 53 \end{array}$	$\begin{array}{r} 91 \\ \times 5 \\ \hline 455 \end{array}$
$\begin{array}{r} 74 \\ \times 5 \\ \hline 370 \end{array}$	$\begin{array}{r} 94 \\ \times 4 \\ \hline 376 \end{array}$	$\begin{array}{r} 64 \\ \times 2 \\ \hline 128 \end{array}$	$\begin{array}{r} 93 \\ \times 3 \\ \hline 279 \end{array}$	$\begin{array}{r} 69 \\ \times 1 \\ \hline 69 \end{array}$
$\begin{array}{r} 86 \\ \times 3 \\ \hline 258 \end{array}$	$\begin{array}{r} 15 \\ \times 5 \\ \hline 75 \end{array}$	$\begin{array}{r} 94 \\ \times 2 \\ \hline 188 \end{array}$	$\begin{array}{r} 42 \\ \times 4 \\ \hline 168 \end{array}$	$\begin{array}{r} 42 \\ \times 1 \\ \hline 42 \end{array}$

MULTIPLICATIONS – CALCULS ÉCRITS

Exemple :

$$\begin{array}{r} 272 \\ \times 4 \\ \hline 1088 \end{array}$$

2

$4 \times 2 = 8$; $4 \times 7 = 28$

je note 8, je reporte 2

$4 \times 2 = 8$; $8 + 2 = 10$

$\begin{array}{r} 836 \\ \times 5 \\ \hline 4180 \end{array}$	$\begin{array}{r} 790 \\ \times 4 \\ \hline 3160 \end{array}$	$\begin{array}{r} 588 \\ \times 3 \\ \hline 1764 \end{array}$	$\begin{array}{r} 165 \\ \times 2 \\ \hline 330 \end{array}$	$\begin{array}{r} 527 \\ \times 1 \\ \hline 527 \end{array}$
$\begin{array}{r} 756 \\ \times 1 \\ \hline 756 \end{array}$	$\begin{array}{r} 594 \\ \times 2 \\ \hline 1188 \end{array}$	$\begin{array}{r} 564 \\ \times 4 \\ \hline 2256 \end{array}$	$\begin{array}{r} 753 \\ \times 3 \\ \hline 2259 \end{array}$	$\begin{array}{r} 162 \\ \times 5 \\ \hline 810 \end{array}$
$\begin{array}{r} 786 \\ \times 3 \\ \hline 2358 \end{array}$	$\begin{array}{r} 915 \\ \times 5 \\ \hline 4575 \end{array}$	$\begin{array}{r} 420 \\ \times 4 \\ \hline 1680 \end{array}$	$\begin{array}{r} 789 \\ \times 1 \\ \hline 789 \end{array}$	$\begin{array}{r} 618 \\ \times 2 \\ \hline 1236 \end{array}$
$\begin{array}{r} 986 \\ \times 4 \\ \hline 3944 \end{array}$	$\begin{array}{r} 537 \\ \times 3 \\ \hline 1611 \end{array}$	$\begin{array}{r} 750 \\ \times 1 \\ \hline 750 \end{array}$	$\begin{array}{r} 436 \\ \times 5 \\ \hline 2180 \end{array}$	$\begin{array}{r} 459 \\ \times 2 \\ \hline 918 \end{array}$
$\begin{array}{r} 757 \\ \times 3 \\ \hline 2271 \end{array}$	$\begin{array}{r} 564 \\ \times 5 \\ \hline 2820 \end{array}$	$\begin{array}{r} 464 \\ \times 1 \\ \hline 464 \end{array}$	$\begin{array}{r} 953 \\ \times 2 \\ \hline 1906 \end{array}$	$\begin{array}{r} 386 \\ \times 4 \\ \hline 1544 \end{array}$
$\begin{array}{r} 711 \\ \times 5 \\ \hline 3555 \end{array}$	$\begin{array}{r} 963 \\ \times 3 \\ \hline 2889 \end{array}$	$\begin{array}{r} 520 \\ \times 1 \\ \hline 520 \end{array}$	$\begin{array}{r} 746 \\ \times 5 \\ \hline 3730 \end{array}$	$\begin{array}{r} 393 \\ \times 4 \\ \hline 1572 \end{array}$

COMPLÈTE CE TABLEAU :

Commencer par le plus grand nombre !!!

x	8	6	7
304	Exemples : $\begin{array}{r} 304 \\ \times 8 \\ \hline 2432 \end{array}$	$\begin{array}{r} 304 \\ \times 6 \\ \hline 1824 \end{array}$	$\begin{array}{r} 304 \\ \times 7 \\ \hline 2128 \end{array}$
647	5176	3882	4529
580	4640	3480	4060
512	4096	2072	3584
284	2272	1704	1988
967	7736	5802	5802
832	6656	4992	5824

COMPLÈTE CE TABLEAU :

Commencer par le plus grand nombre !!!

x	3	5	4
3404	Exemples : $\begin{array}{r} 3404 \\ \times \quad 3 \\ \hline 10212 \end{array}$	$\begin{array}{r} 3404 \\ \times \quad 5 \\ \hline 17020 \end{array}$	$\begin{array}{r} 3404 \\ \times \quad 4 \\ \hline 10212 \end{array}$
6417	19251	32085	25668
5880	17640	29400	23520
5952	17856	29760	23808
2874	8622	14370	11496
9267	27801	46335	37068
8032	24096	40160	32128

COMPLÈTE CE TABLEAU :

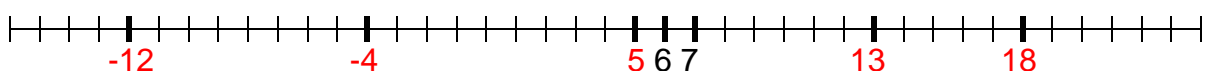
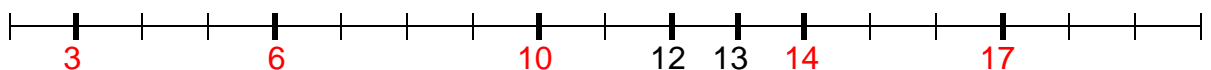
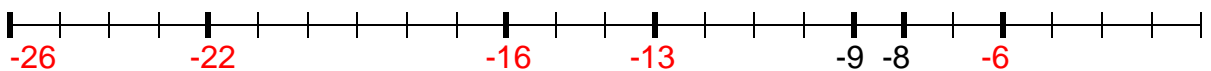
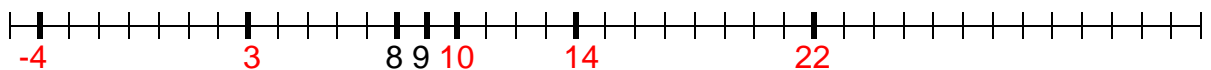
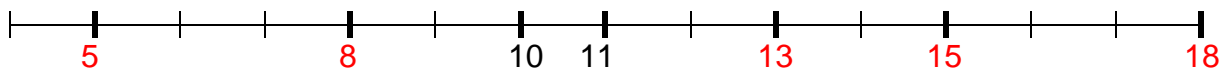
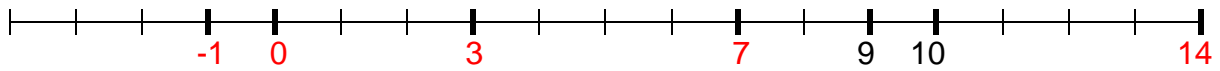
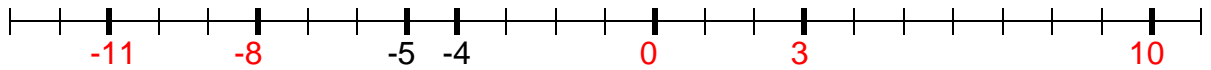
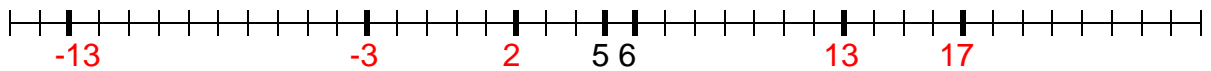
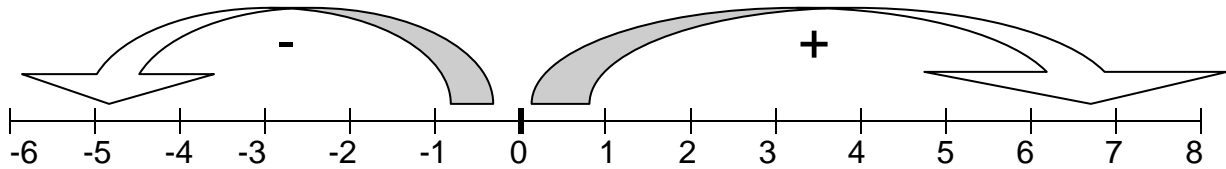
Commencer par le plus grand nombre !!!

x	9	6	8
3404	Exemples : $\begin{array}{r} 3404 \\ \times \quad 9 \\ \hline 30636 \end{array}$	$\begin{array}{r} 3404 \\ \times \quad 6 \\ \hline 20424 \end{array}$	$\begin{array}{r} 3404 \\ \times \quad 8 \\ \hline 27232 \end{array}$
6417	57753	38502	51336
5880	52920	35280	47040
5952	53568	35712	47616
2874	25866	17244	22992
9267	83403	55602	74136
8032	72288	48192	64256

REMPLE LES TRAITS PAR LES BONS NOMBRES :

Exemple :

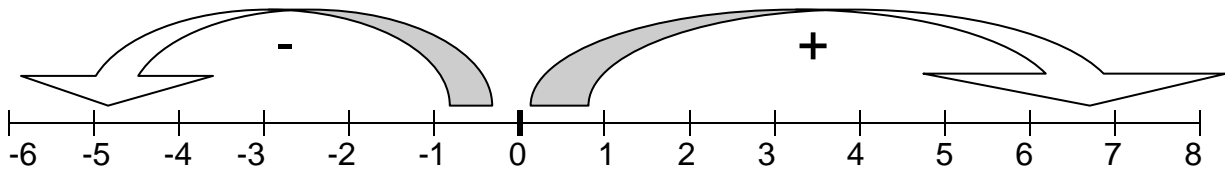
C'est comme pour le thermomètre : on part de zéro, vers la gauche ce sont les « moins », vers la droite les « plus ».



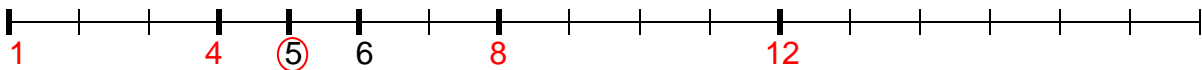
PLACE LES NOMBRES CORRECTEMENT ET REPASSE LEUR GRADUATION :

Exemple :

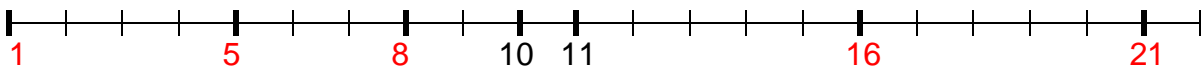
C'est comme pour le thermomètre : on part de zéro, vers la gauche ce sont les « moins », vers la droite les « plus ».



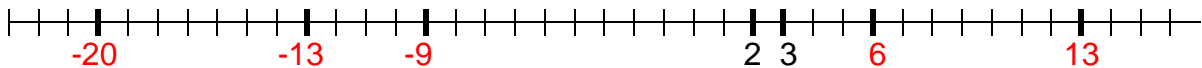
◆ Place 1, 8, 4, 12, 5 :



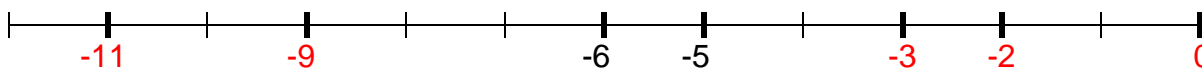
◆ Place 21, 1, 5, 8, 16 :



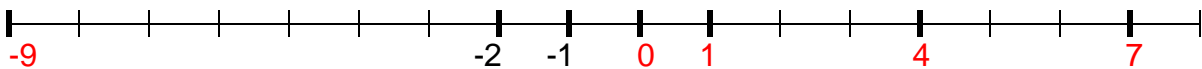
◆ Place 13, -20, -13, 6, -9 :



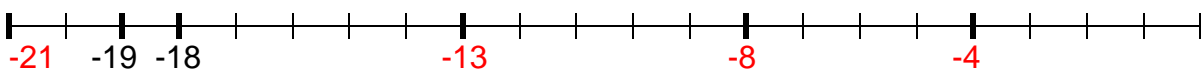
◆ Place -11, -9, -3, 0, -2 :



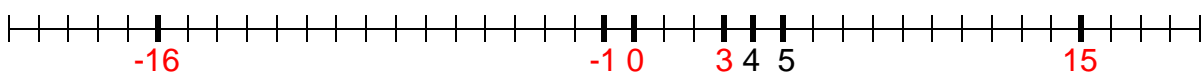
◆ Place 0, -9, 7, 1, 4 :



◆ Place 0, -21, -4, -8, -13 :



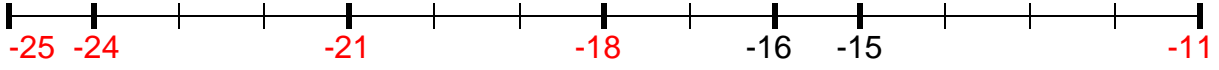
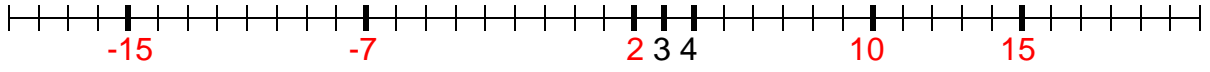
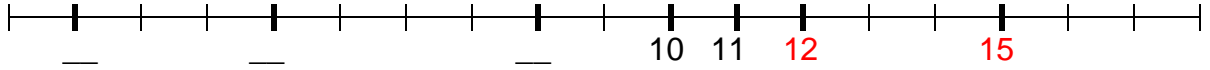
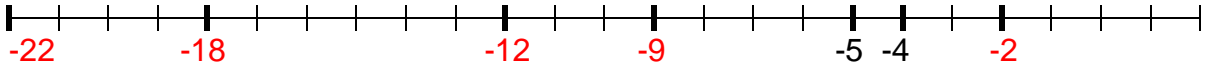
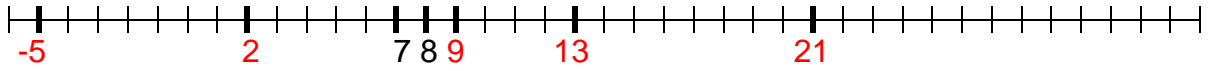
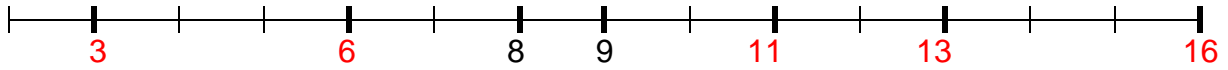
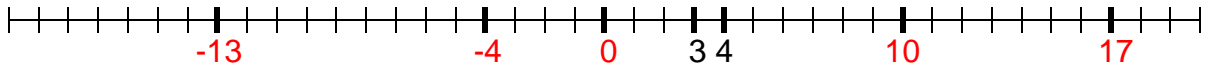
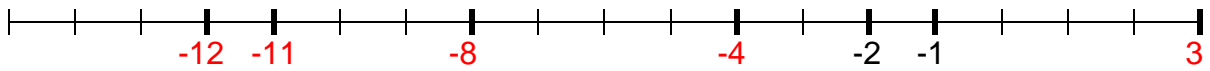
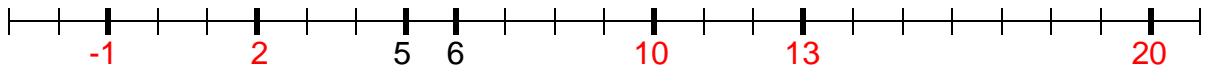
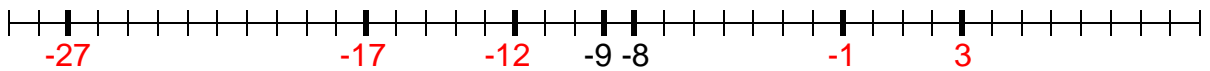
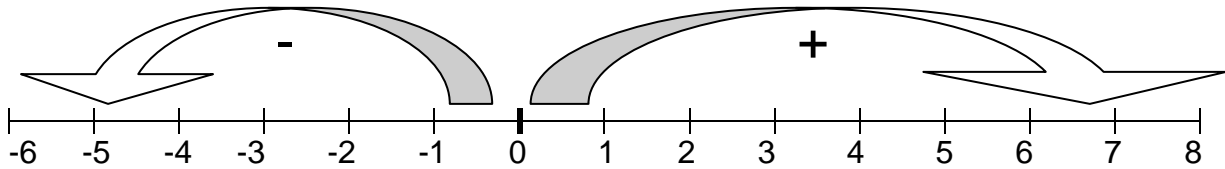
◆ Place -16, -1, 0, 3, 15 :



REMPLE LES TRAITS PAR LES BONS NOMBRES :

Exemple :

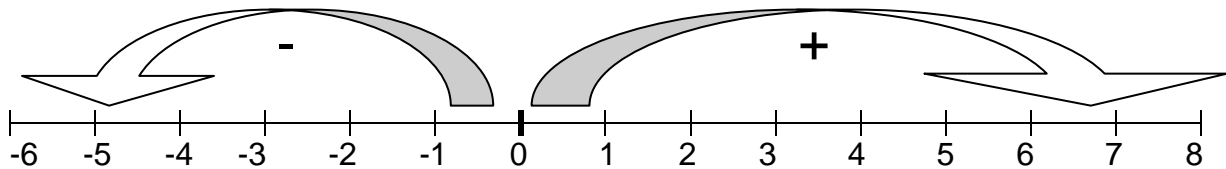
C'est comme pour le thermomètre : on part de zéro, vers la gauche ce sont les « moins », vers la droite les « plus ».



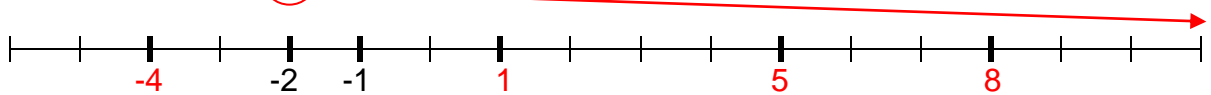
PLACE LES NOMBRES CORRECTEMENT ET REPASSE LEUR GRADUATION :

Exemple :

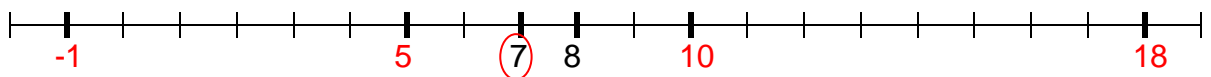
C'est comme pour le thermomètre : on part de zéro, vers la gauche ce sont les « moins », vers la droite les « plus ».



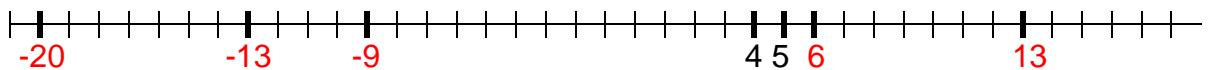
◆ Place 1, 8, -4, **12**, 5 :



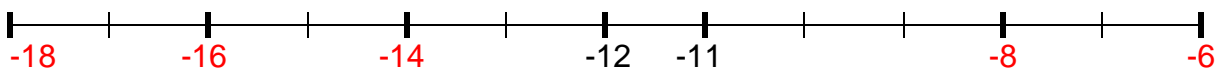
◆ Place 7, -1, 5, 10, 18 :



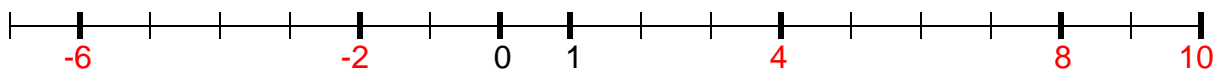
◆ Place 13, -20, -13, 6, -9 :



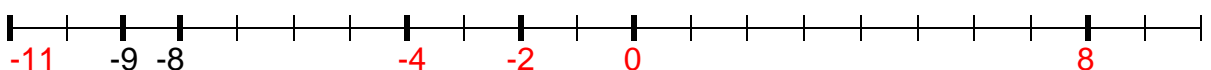
◆ Place -8, -6, -18, -16, -14 :



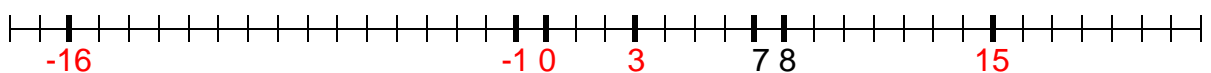
◆ Place 10, -6, -2, 8, 4 :



◆ Place 0, -2, -4, 8, -11 :

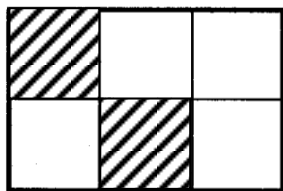


◆ Place -16, -1, 0, 3, 15 :



HACHURE LA PARTIE CORRESPONDANT
À LA FRACTION DONNÉE

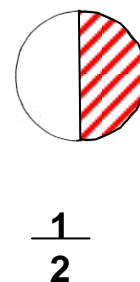
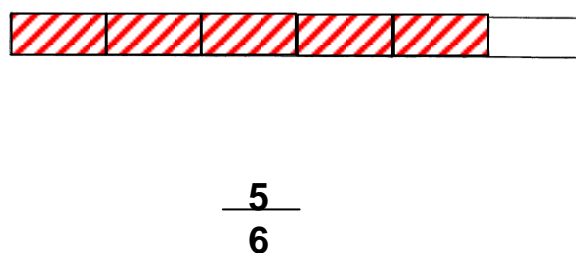
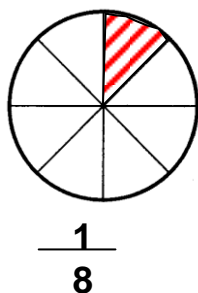
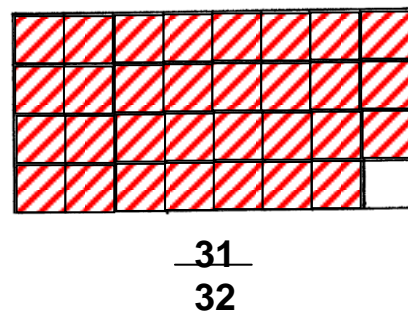
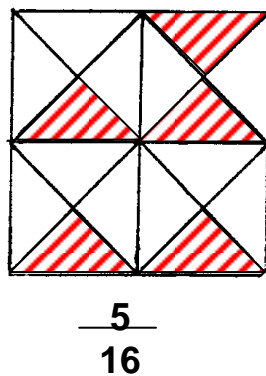
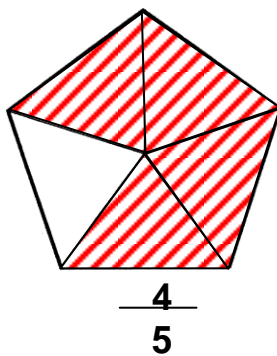
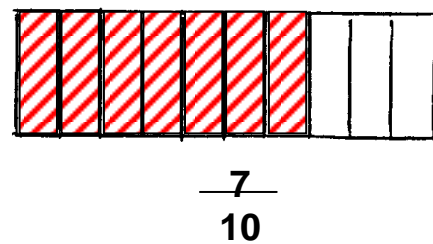
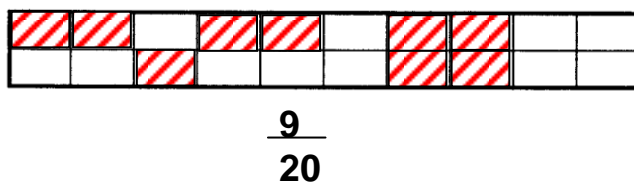
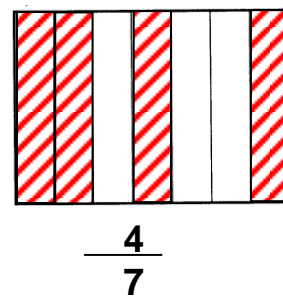
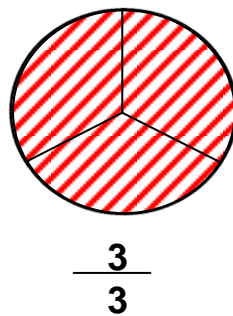
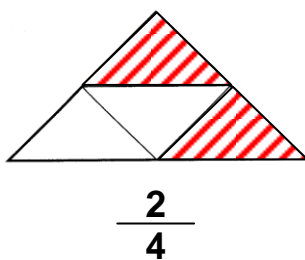
Exemple :



$\frac{2}{6}$

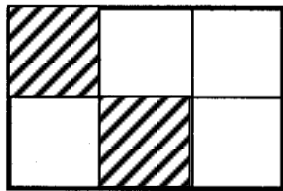
 2 → Nombre de morceaux à hachurer

 6 → Nombre de morceaux au total

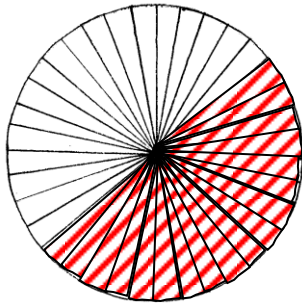


HACHURE LA PARTIE CORRESPONDANT
À LA FRACTION DONNÉE

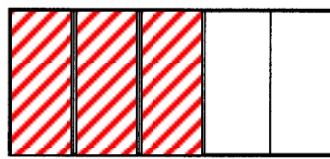
Exemple :



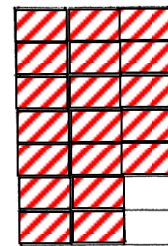
2 Nombre de morceaux à hachurer
 6 Nombre de morceaux au total



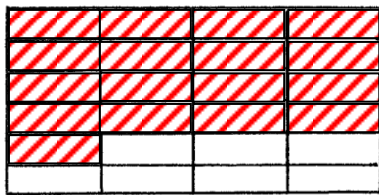
$$\frac{18}{36}$$



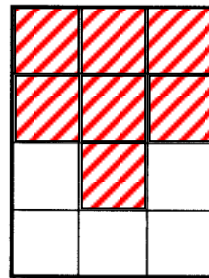
$$\frac{3}{5}$$



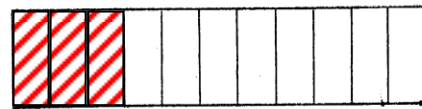
$$\frac{19}{21}$$



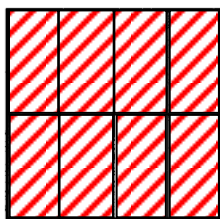
$$\frac{17}{24}$$



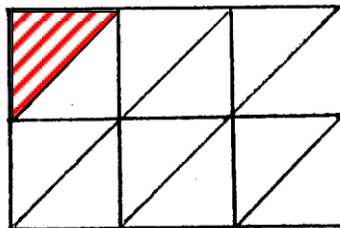
$$\frac{7}{12}$$



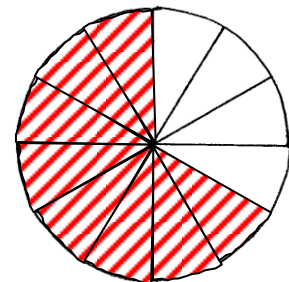
$$\frac{3}{11}$$



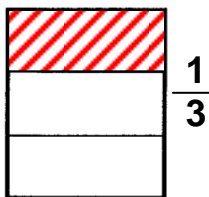
$$\frac{8}{8}$$



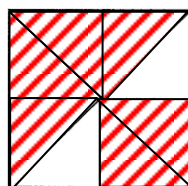
$$\frac{1}{12}$$



$$\frac{8}{12}$$



$$\frac{1}{3}$$



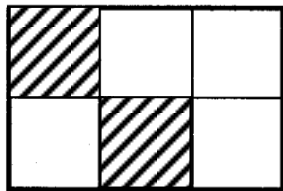
$$\frac{6}{8}$$



$$\frac{3}{10}$$

**HACHURE LA PARTIE CORRESPONDANT
 À LA FRACTION DONNÉE**

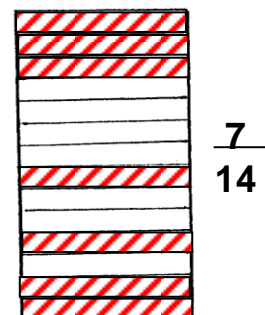
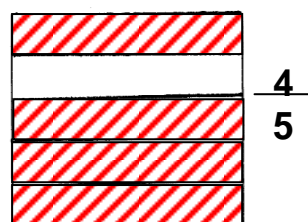
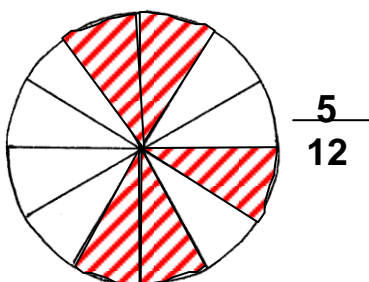
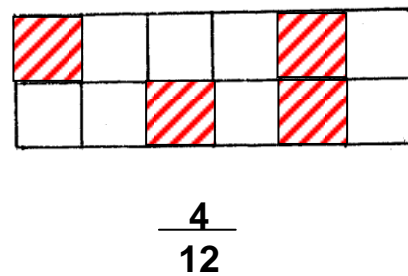
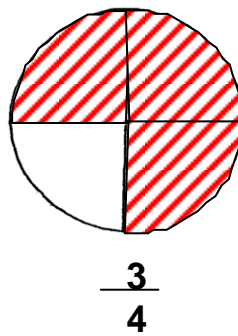
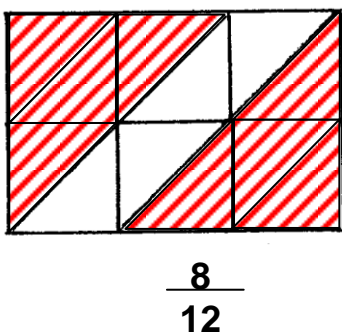
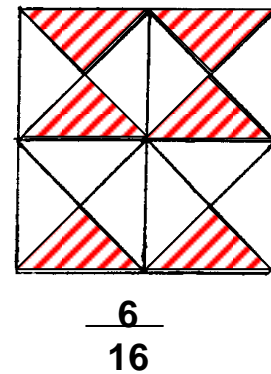
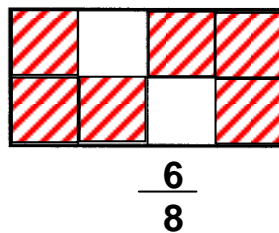
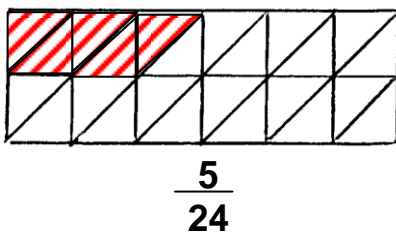
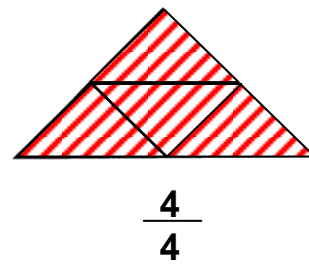
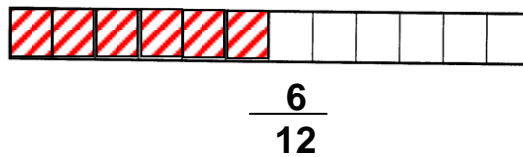
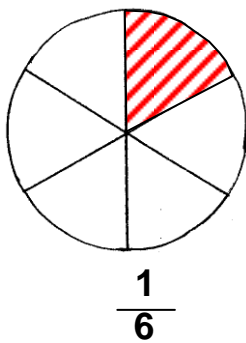
Exemple :



$\frac{2}{6}$

 2 → Nombre de morceaux à hachurer

 6 → Nombre de morceaux au total

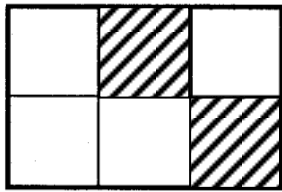


Phase : 2

Compliqué

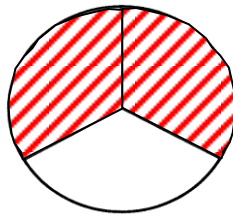
IDENTIFIE LA FRACTION REPRÉSENTÉE

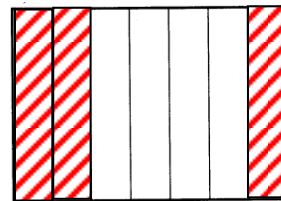
Exemple :



$\frac{2}{6}$
 2 → Nombre de morceaux à hachurer
 6 → Nombre de morceaux au total

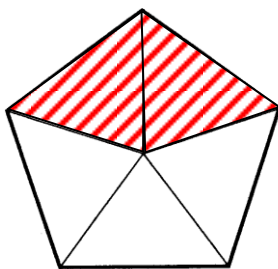


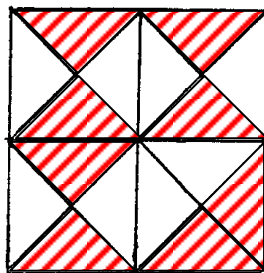


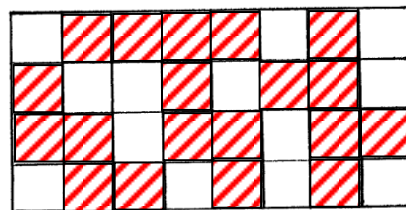


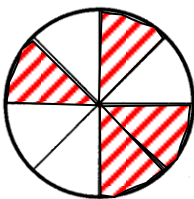




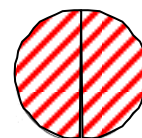






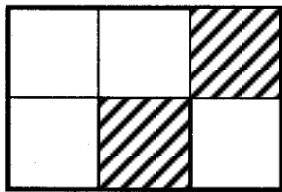




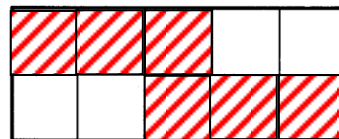
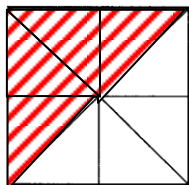
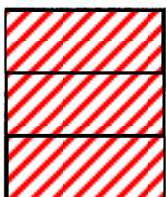
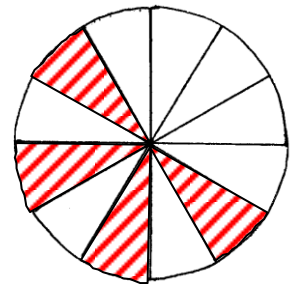
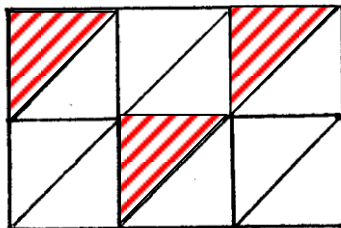
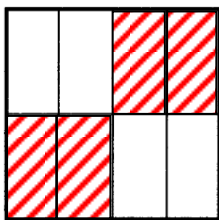
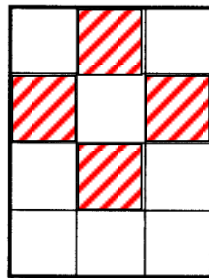
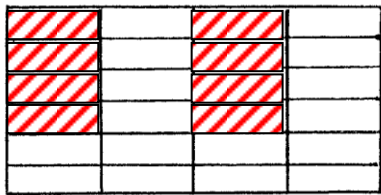
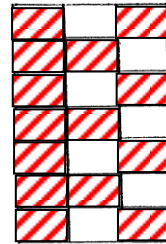
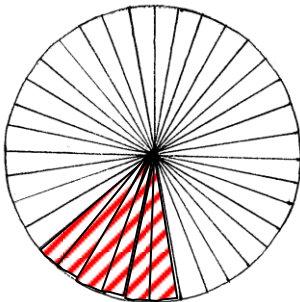


IDENTIFIE LA FRACTION REPRÉSENTÉE

Exemple :

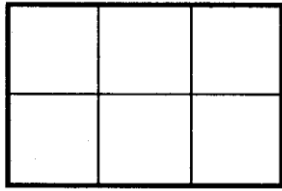


$\frac{2}{6}$
 2 → Nombre de morceaux à hachurer
 6 → Nombre de morceaux au total

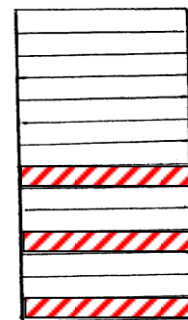
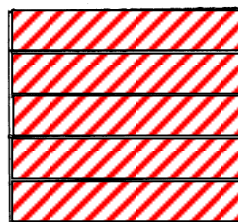
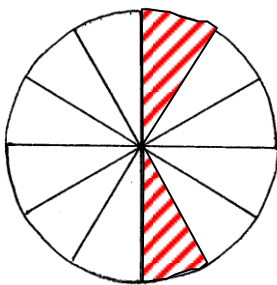
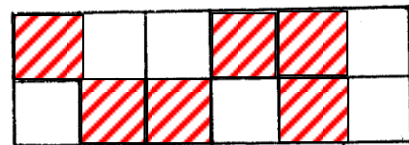
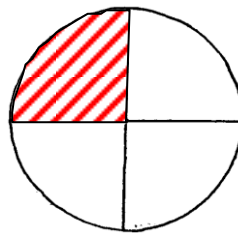
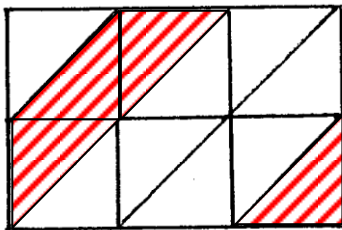
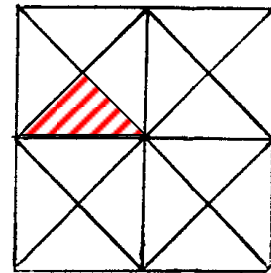
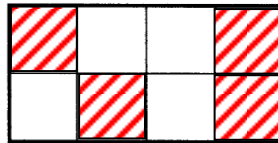
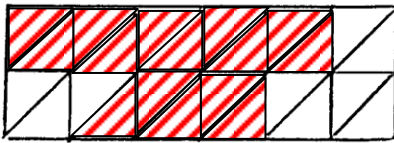
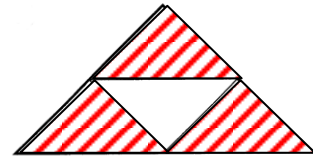
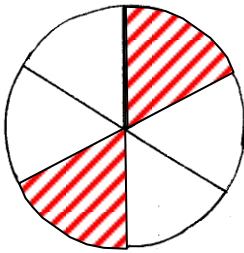


IDENTIFIE LA FRACTION REPRÉSENTÉE

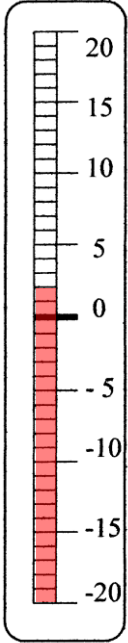
Exemple :



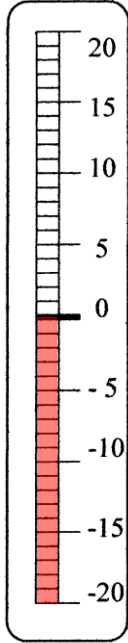
$\frac{2}{6}$
 2 → Nombre de morceaux à hachurer
 6 → Nombre de morceaux au total



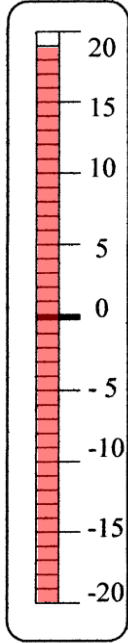
LIS LES TEMPÉRATURES SUIVANTES



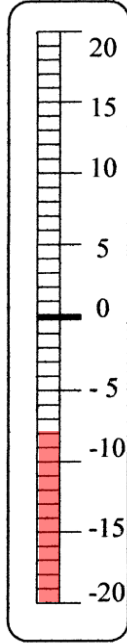
2°



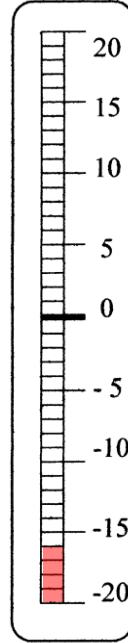
0°



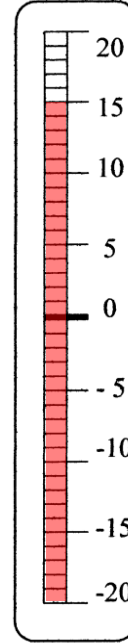
19°



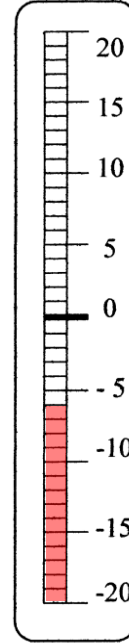
-8°



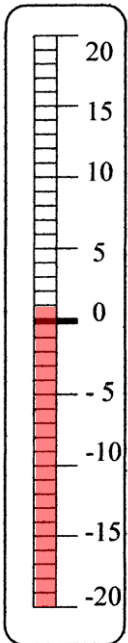
-16°



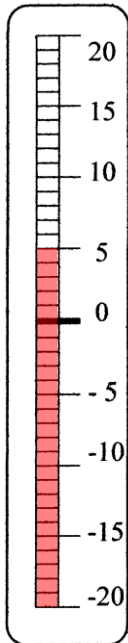
15°



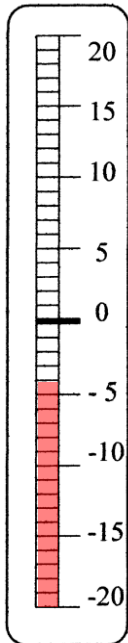
-6°



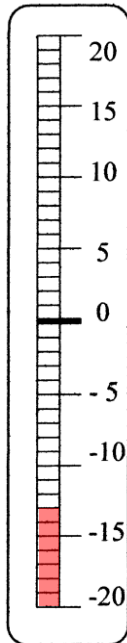
1°



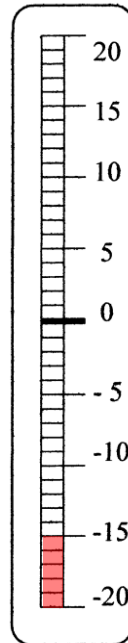
5°



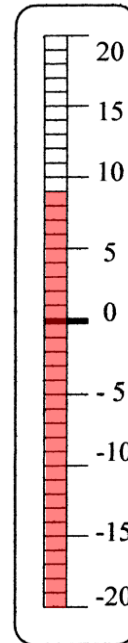
-4°



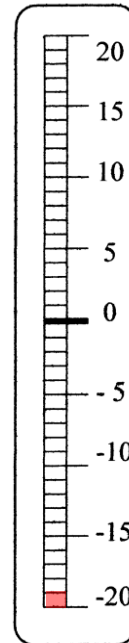
-13°



-15°

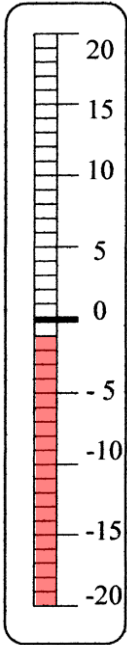


9°

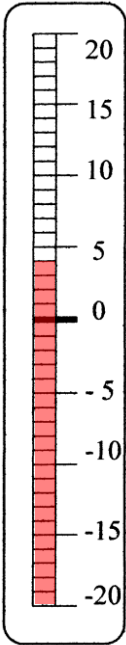


-19°

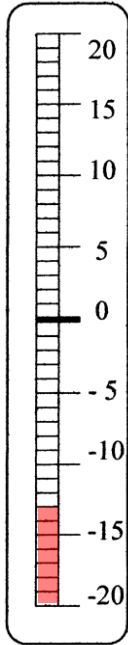
COLORIE POUR ATTEINDRE LA TEMPÉRATURE DEMANDÉE



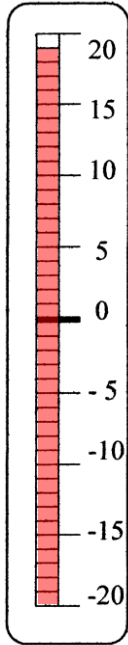
-1°



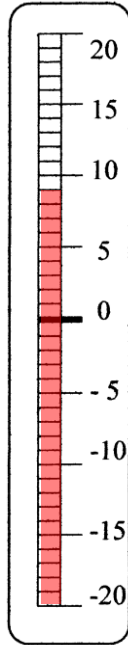
4°



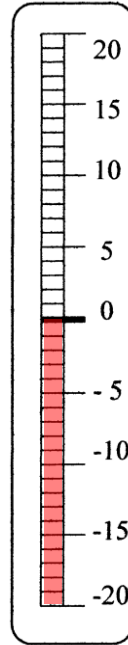
-13°



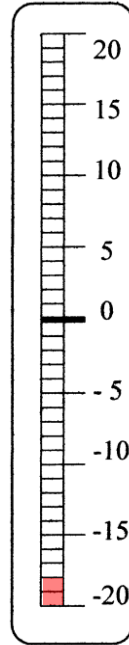
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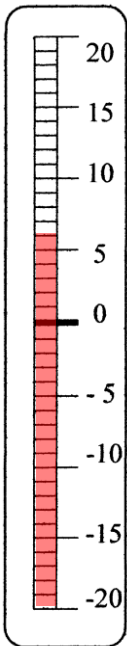
8°



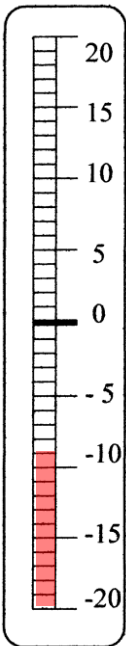
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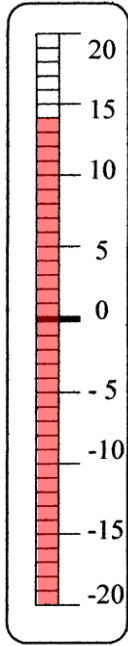
-18°



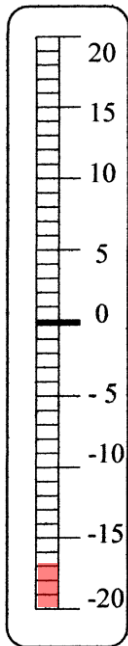
6°



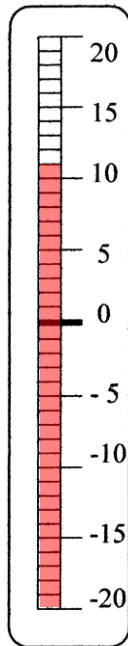
-9°



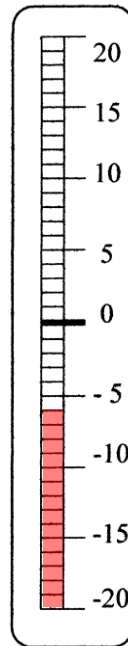
14°



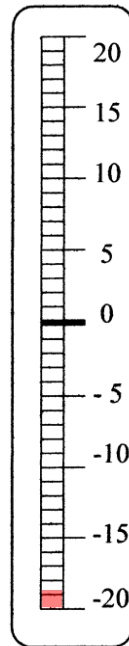
-17°



11°

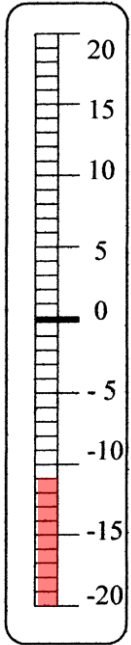


-6°

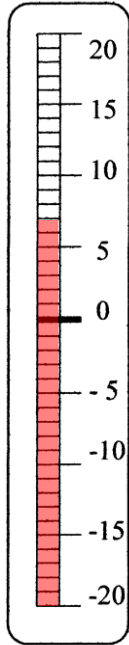


-19°

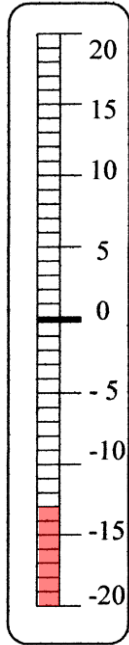
COLORIE POUR ATTEINDRE LA TEMPÉRATURE DEMANDÉE



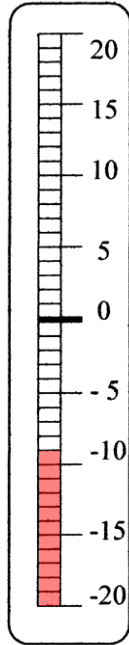
-11°



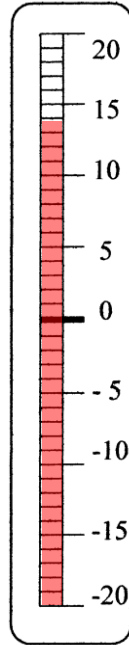
7°



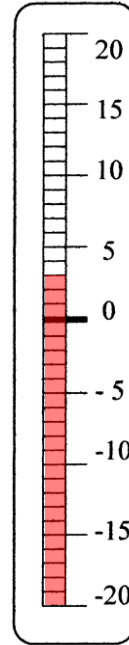
-13°



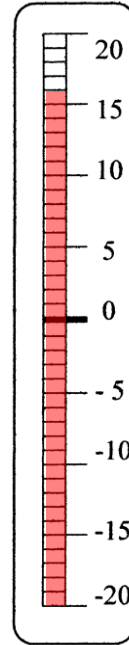
-9°



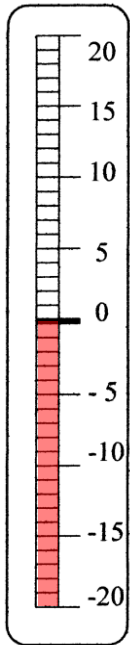
14°



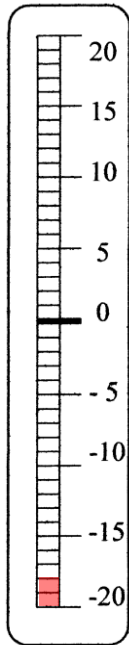
3°



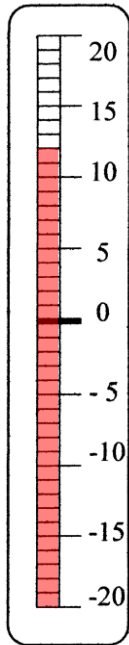
16



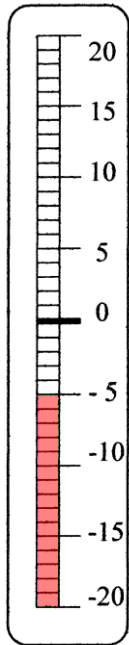
0°



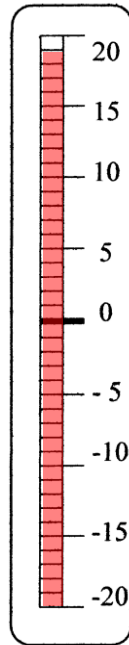
-18°



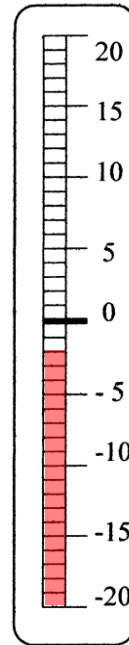
12°



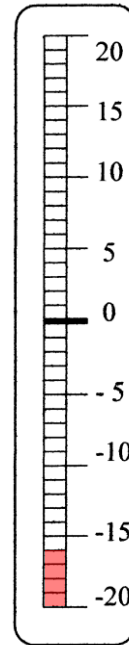
-5°



19°



-2°



-16°