

N°1

$7 - 6 = 1$	$5 + 4 = 9$
$\times 2 = 1$	$\times 2 = 1$
$9 - 0 = 9$	$9 - 0 = 9$
$4 - 4 = 0$	$4 + 4 = 8$
3	4
$9 - 1 = 8$	$2 - 0 = 2$
$\times 8 = 1$	$\times 2 = 1$
$2 + 4 = 6$	$9 - 1 = 8$
$7 - 1 = 6$	$2 - 1 = 1$

N°2

$3 + 1 = 4$	$3 + 3 = 6$
$\times 8 = 1$	$\times 2 = 1$
$7 + 1 = 8$	$8 - 1 = 7$
$1 + 0 = 1$	$1 + 1 = 2$
4	6
$6 - 4 = 2$	$9 - 7 = 2$
$\times 4 = 1$	$\times 9 = 1$
$9 - 1 = 8$	$5 - 1 = 4$
$0 + 8 = 8$	$4 + 4 = 8$

N°3

$9 + 0 = 9$	$9 - 4 = 5$
$\times 2 = 1$	$\times 5 = 1$
$3 + 2 = 5$	$5 - 1 = 4$
$8 - 6 = 2$	$4 - 4 = 0$
3	4
$8 - 3 = 5$	$2 + 0 = 2$
$\times 2 = 1$	$\times 8 = 1$
$5 + 4 = 9$	$9 - 1 = 8$
$6 - 6 = 0$	$8 - 2 = 6$

N°4

$8 + 1 = 9$	$8 + 1 = 9$
$\times 2 = 1$	$\times 2 = 1$
$5 + 4 = 9$	$9 - 1 = 8$
$6 - 2 = 4$	$7 + 1 = 8$
1	1
$6 - 3 = 3$	$2 + 0 = 2$
$\times 2 = 1$	$\times 9 = 1$
$8 - 2 = 6$	$9 - 1 = 8$
$2 - 1 = 1$	$2 - 1 = 1$

N°5

$4 + 3 = 7$	$9 + 0 = 9$
$\times 3$	$\times 3$
$7 - 4 = 3$	$6 - 1 = 5$
$\div 1$	$\div 1$
$2 + 2 = 4$	$7 - 2 = 5$
$\div 1$	$\div 1$
$2 + 1 = 3$	$9 - 3 = 6$
$\div 9$	$\div 2$
$4 - 2 = 2$	$3 - 1 = 2$
$\div 1$	$\div 1$
$1 + 1 = 2$	$1 + 7 = 8$

N°6

$6 - 0 = 6$	$3 + 4 = 7$
$\div 5$	$\div 9$
$9 - 1 = 8$	$3 - 2 = 1$
$\div 1$	$\div 1$
$1 + 4 = 5$	$1 - 0 = 1$
$\div 3$	$\div 7$
$4 - 1 = 3$	$9 - 7 = 2$
$\div 6$	$\div 3$
$7 - 4 = 3$	$9 - 1 = 8$
$\div 1$	$\div 2$
$0 + 1 = 1$	$7 - 6 = 1$

N°7

$8 - 7 = 1$	$2 + 2 = 4$
$\times 3$	$\times 3$
$9 + 0 = 9$	$3 - 1 = 2$
$\div 1$	$\div 1$
$4 - 4 = 0$	$1 + 1 = 2$
$\div 1$	$\div 1$
$6 - 5 = 1$	$3 - 0 = 3$
$\times 3$	$\times 3$
$9 - 2 = 7$	$6 - 1 = 5$
$\div 1$	$\div 1$
$8 - 8 = 0$	$1 + 7 = 8$

N°8

$6 + 1 = 7$	$9 - 1 = 8$
$\div 8$	$\div 7$
$7 + 2 = 9$	$3 - 2 = 1$
$\div 1$	$\div 1$
$4 + 0 = 4$	$8 - 4 = 4$
$\div 2$	$\div 2$
$4 + 2 = 6$	$5 - 2 = 3$
$\times 3$	$\times 3$
$7 + 1 = 8$	$9 - 2 = 7$
$\div 1$	$\div 1$
$2 + 1 = 3$	$3 + 4 = 7$

N°9

$3 + 0 = 3$	$7 - 2 = 5$
$\begin{array}{c} + \\ 8 \\ \hline 1 \end{array}$	$\begin{array}{c} + \\ 7 \\ \hline 1 \end{array}$
$5 + 1 = 6$	$3 - 1 = 2$
$\begin{array}{c} \times \\ 5 \\ \hline 1 \end{array}$	$\begin{array}{c} \times \\ 3 \\ \hline 1 \end{array}$
$1 + 4 = 5$	$1 + 2 = 3$
$\begin{array}{c} \times \\ 3 \\ \hline 2 \end{array}$	$\begin{array}{c} \times \\ 8 \\ \hline 1 \end{array}$
$7 - 2 = 5$	$3 + 4 = 7$
$\begin{array}{c} + \\ 8 \\ \hline 1 \end{array}$	$\begin{array}{c} + \\ 4 \\ \hline 1 \end{array}$
$8 - 1 = 7$	$1 + 0 = 1$
$\begin{array}{c} \times \\ 2 \\ \hline 1 \end{array}$	$\begin{array}{c} \times \\ 7 \\ \hline 2 \end{array}$

N°10

$9 - 6 = 3$	$5 + 0 = 5$
$\begin{array}{c} \times \\ 3 \\ \hline 2 \end{array}$	$\begin{array}{c} \times \\ 8 \\ \hline 1 \end{array}$
$9 - 1 = 8$	$3 + 0 = 3$
$\begin{array}{c} \times \\ 9 \\ \hline 2 \end{array}$	$\begin{array}{c} \times \\ 3 \\ \hline 1 \end{array}$
$7 + 0 = 7$	$8 - 4 = 4$
$\begin{array}{c} + \\ 4 \\ \hline 1 \end{array}$	$\begin{array}{c} + \\ 1 \\ \hline 1 \end{array}$
$7 - 4 = 3$	$9 - 1 = 8$
$\begin{array}{c} + \\ 3 \\ \hline 1 \end{array}$	$\begin{array}{c} + \\ 9 \\ \hline 1 \end{array}$
$4 + 5 = 9$	$0 + 2 = 2$
$\begin{array}{c} \times \\ 4 \\ \hline 1 \end{array}$	$\begin{array}{c} \times \\ 3 \\ \hline 2 \end{array}$

N°11

$2 + 1 = 3$	$8 - 5 = 3$
$\begin{array}{c} + \\ 9 \\ \hline 1 \end{array}$	$\begin{array}{c} + \\ 9 \\ \hline 1 \end{array}$
$7 - 4 = 3$	$4 - 2 = 2$
$\begin{array}{c} \times \\ 7 \\ \hline 1 \end{array}$	$\begin{array}{c} \times \\ 3 \\ \hline 2 \end{array}$
$1 - 1 = 0$	$2 + 1 = 3$
$\begin{array}{c} \times \\ 2 \\ \hline 1 \end{array}$	$\begin{array}{c} \times \\ 7 \\ \hline 2 \end{array}$
$2 + 1 = 3$	$3 + 5 = 8$
$\begin{array}{c} + \\ 8 \\ \hline 1 \end{array}$	$\begin{array}{c} + \\ 7 \\ \hline 1 \end{array}$
$7 - 0 = 7$	$0 + 4 = 4$
$\begin{array}{c} \times \\ 7 \\ \hline 2 \end{array}$	$\begin{array}{c} \times \\ 3 \\ \hline 2 \end{array}$

N°12

$5 + 4 = 9$	$1 + 5 = 6$
$\begin{array}{c} + \\ 7 \\ \hline 1 \end{array}$	$\begin{array}{c} + \\ 3 \\ \hline 1 \end{array}$
$4 + 5 = 9$	$0 + 8 = 8$
$\begin{array}{c} \times \\ 4 \\ \hline 1 \end{array}$	$\begin{array}{c} \times \\ 8 \\ \hline 4 \end{array}$
$2 + 1 = 3$	$8 - 4 = 4$
$\begin{array}{c} + \\ 2 \\ \hline 1 \end{array}$	$\begin{array}{c} + \\ 9 \\ \hline 1 \end{array}$
$6 - 3 = 3$	$5 - 2 = 3$
$\begin{array}{c} \times \\ 3 \\ \hline 1 \end{array}$	$\begin{array}{c} \times \\ 6 \\ \hline 1 \end{array}$
$6 + 1 = 7$	$8 + 0 = 8$
$\begin{array}{c} \times \\ 6 \\ \hline 1 \end{array}$	$\begin{array}{c} \times \\ 7 \\ \hline 1 \end{array}$

N°13

$8 - 4 = 4$	$8 - 3 = 5$
$+ 4$	$+ 7$
$= 1$	$= 1$
$2 - 1 = 1$	$7 - 2 = 5$
$+ 4$	$+ 0$
$= 1$	$= 1$
$4 + 5 = 9$	$3 + 2 = 5$
$+ 9$	$+ 3$
$= 1$	$= 1$
$3 + 4 = 7$	$2 - 1 = 1$

N°14

$6 + 3 = 9$	$9 - 6 = 3$
$\times 3$	$+ 7$
$= 1$	$= 1$
$8 - 2 = 6$	$3 - 2 = 1$
$+ 3$	$+ 2$
$= 1$	$= 1$
$8 - 5 = 3$	$6 - 0 = 6$
$+ 7$	$+ 4$
$= 1$	$= 1$
$5 + 2 = 7$	$0 + 8 = 8$

N°15

$9 - 6 = 3$	$5 + 1 = 6$
$\times 3$	$+ 6$
$= 2$	$= 1$
$7 + 1 = 8$	$1 + 7 = 8$
$+ 4$	$+ 4$
$= 1$	$= 1$
$8 - 5 = 3$	$9 - 3 = 6$
$+ 9$	$+ 8$
$= 1$	$= 1$
$7 + 1 = 8$	$7 + 1 = 8$

N°16

$6 + 1 = 7$	$9 - 6 = 3$
$\times 3$	$+ 4$
$= 1$	$= 1$
$8 - 7 = 1$	$7 - 7 = 0$
$+ 3$	$+ 6$
$= 1$	$= 1$
$5 + 4 = 9$	$3 - 1 = 2$
$\times 3$	$+ 1$
$= 1$	$= 1$
$5 - 5 = 0$	$5 - 4 = 1$

N°17

$7 - 3 = 4$	$8 + 1 = 9$
$\times 4 = 2$	$\times 4 = 1$
$6 + 1 = 7$	$4 + 1 = 5$
$\div 1 = 1$	$\div 1 = 1$
$8 - 8 = 0$	$5 - 2 = 3$
$\div 7 = 7$	$\div 0 = 0$
$9 - 1 = 8$	$4 - 2 = 2$
$\times 9 = 1$	$\times 4 = 3$
$4 + 5 = 9$	$8 - 0 = 8$
$\div 3 = 3$	$\div 1 = 1$
$8 - 6 = 2$	$6 - 6 = 0$

N°18

$3 + 5 = 8$	$6 - 2 = 4$
$\times 9 = 1$	$\times 4 = 1$
$4 + 1 = 5$	$1 + 5 = 6$
$\div 1 = 1$	$\div 1 = 1$
$2 - 0 = 2$	$1 + 5 = 6$
$\div 4 = 4$	$\div 2 = 2$
$8 - 4 = 4$	$9 - 3 = 6$
$\times 4 = 3$	$\times 4 = 2$
$8 - 0 = 8$	$9 - 3 = 6$
$\div 1 = 1$	$\div 1 = 1$
$2 + 0 = 2$	$7 - 3 = 4$

N°19

$7 - 0 = 7$	$7 - 3 = 4$
$\times 4 = 2$	$\times 4 = 1$
$8 - 2 = 6$	$6 - 2 = 4$
$\div 1 = 1$	$\div 1 = 1$
$8 - 3 = 5$	$3 - 3 = 0$
$\div 3 = 3$	$\div 1 = 1$
$1 + 6 = 7$	$7 - 4 = 3$
$\times 9 = 1$	$\times 4 = 2$
$4 + 0 = 4$	$8 - 0 = 8$
$\div 2 = 2$	$\div 1 = 1$
$0 + 8 = 8$	$8 - 7 = 1$

N°20

$7 - 0 = 7$	$7 - 3 = 4$
$\times 4 = 2$	$\times 4 = 1$
$8 - 2 = 6$	$6 - 2 = 4$
$\div 1 = 1$	$\div 1 = 1$
$8 - 3 = 5$	$3 - 3 = 0$
$\div 3 = 3$	$\div 1 = 1$
$1 + 6 = 7$	$7 - 4 = 3$
$\times 9 = 1$	$\times 4 = 2$
$4 + 0 = 4$	$8 - 0 = 8$
$\div 2 = 2$	$\div 1 = 1$
$0 + 8 = 8$	$8 - 7 = 1$

Règles

- ❶ Le Garam est un jeu de logique mathématique à base d'opérations simples.
- ❷ Remplissez chaque case avec un seul chiffre de sorte que chaque ligne et chaque colonne forment une opération correcte.
- ❸ Le résultat d'une opération verticale est un nombre à deux chiffres si deux cases suivent le symbole égal.
- ❹ Exemple : ordre de réalisation possible : (1) (2) (3) ...

The image shows a 4x4 Garam puzzle grid. The grid is divided into four 2x2 quadrants. Each quadrant contains mathematical operations in rows and columns. Red numbers indicate the order of completion: (1) 4-0=4, (2) 6-2=4, (3) 7-3=4, (4) 0+4=4, (5) 9-4=5, (6) 1+1=2, (7) 2+2=4, (8) 9+1=10, (9) 1+1=2, (10) 0+4=4, (11) 9-4=5, (12) 9-4=5, (13) 2+2=4, (14) 2+2=4, (15) 9-3=6, (16) 2+2=4, (17) 4+1=5, (18) 4-0=4, (19) 4+1=5, (20) 4+1=5, (21) 4+0=4, (22) 4+0=4, (23) 9-3=6.

1	+	1	=	2		6	-	2	=	4
9						6	-	2	=	4
1						2				2
0	+	4	=	4		4	-	0	=	4
9	-	4	=	5		4	+	1	=	5
8						2				9
7						2				1
2	+	2	=	4		4	+	0	=	4