

# SOLUTIONS



## Atelier mémoire Numérique Calculs

# 12



# Solutions calculs

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Calculs						Solutions					
Grille 1		Grille 2		Grille 3		Grille 1		Grille 2		Grille 3	
$\square + 5 + \square = 15$	$\square + 6 + 9 = 16$	$1 + \square + \square = 10$	$4 + 5 + 6 = 15$	$1 + 6 + 9 = 16$	$1 + 7 + 2 = 10$	+	+	+	+	+	+
$8 + \square + \square = 20$	$\square + 2 + 5 = 14$	$5 + 6 + 9 = 20$	$8 + 9 + 3 = 20$	$7 + 2 + 5 = 14$	$5 + 6 + 9 = 20$	+	+	+	+	+	+
$\square + 1 + 7 = 10$	$4 + 3 + \square = 15$	$\square + 4 + \square = 15$	$2 + 1 + 7 = 10$	$4 + 3 + 8 = 15$	$8 + 4 + 3 = 15$	+	+	+	+	+	+
$\square + \square + \square = 15$	$\square + \square + \square = 15$	$\square + \square + \square = 15$	$\square + \square + \square = 15$	$\square + \square + \square = 15$	$\square + \square + \square = 15$	=	=	=	=	=	=
$14 + 15 + 16 = 45$	$12 + 11 + 22 = 45$	$14 + 17 + 14 = 45$	$14 + 15 + 16 = 45$	$12 + 11 + 22 = 45$	$14 + 17 + 14 = 45$						

  

Calculs						Solutions					
Grille 4		Grille 5		Grille 6		Grille 4		Grille 5		Grille 6	
$8 + 9 + 1 = 18$	$\square + \square + 9 = 17$	$\square + \square + 9 = 23$	$8 + 9 + 1 = 18$	$2 + 6 + 9 = 17$	$8 + 6 + 9 = 23$	+	+	+	+	+	+
$\square + 3 + 4 = 12$	$1 + \square + 4 = 13$	$4 + \square + \square = 13$	$5 + 3 + 4 = 12$	$1 + 8 + 4 = 13$	$4 + 2 + 7 = 13$	+	+	+	+	+	+
$7 + \square + \square = 15$	$7 + 5 + 3 = 15$	$5 + \square + 3 = 9$	$7 + 2 + 6 = 15$	$7 + 5 + 3 = 15$	$5 + 1 + 3 = 9$	+	+	+	+	+	+
$\square + \square + \square = 15$	$\square + \square + \square = 15$	$\square + \square + \square = 15$	$\square + \square + \square = 15$	$\square + \square + \square = 15$	$\square + \square + \square = 15$	=	=	=	=	=	=
$20 + 14 + 11 = 45$	$10 + 19 + 16 = 45$	$17 + 9 + 19 = 45$	$20 + 14 + 11 = 45$	$10 + 19 + 16 = 45$	$17 + 9 + 19 = 45$						



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Calculs						Solutions					
Grille 7		Grille 8		Grille 9		Grille 7		Grille 8		Grille 9	
$\square + \square + 7 = 19$	$9 + 3 + 7 = 19$	$\square + \square + \square = 14$	$4 + 8 + 7 = 19$	$9 + 3 + 7 = 19$	$1 + 6 + 7 = 14$						
$+ \quad + \quad + \quad +$	$+ \quad + \quad + \quad +$	$+ \quad + \quad + \quad +$	$+ \quad + \quad + \quad +$	$+ \quad + \quad + \quad +$	$+ \quad + \quad + \quad +$						
$9 + 6 + 1 = 16$	$\square + \square + \square = 14$	$\square + \square + 8 = 15$	$9 + 6 + 1 = 16$	$1 + 8 + 5 = 14$	$3 + 4 + 8 = 15$						
$+ \quad + \quad + \quad +$	$+ \quad + \quad + \quad +$	$+ \quad + \quad + \quad +$	$+ \quad + \quad + \quad +$	$+ \quad + \quad + \quad +$	$+ \quad + \quad + \quad +$						
$2 + \square + 3 = 10$	$\square + \square + \square = 12$	$\square + 9 + 2 = 16$	$2 + 5 + 3 = 10$	$2 + 6 + 4 = 12$	$5 + 9 + 2 = 16$						
$= \quad = \quad = \quad =$	$= \quad = \quad = \quad =$	$= \quad = \quad = \quad =$	$= \quad = \quad = \quad =$	$= \quad = \quad = \quad =$	$= \quad = \quad = \quad =$						
$15 + 19 + 11$	$12 + 17 + 16$	$9 + 19 + 17$	$15 + 19 + 11 = 45$	$12 + 17 + 16 = 45$	$9 + 19 + 17 = 45$						

Calculs						Solutions					
Grille 10		Grille 11		Grille 12		Grille 10		Grille 11		Grille 12	
$\square + \square + \square = 10$	$3 + \square + \square = 7$	$\square + \square + \square = 11$	$8 + 0,1 + 2 = 10$	$3 + 1 + 3 = 7$	$7 + 1 + 3 = 11$						
$+ \quad + \quad + \quad +$	$+ \quad + \quad + \quad +$	$+ \quad + \quad + \quad +$	$+ \quad + \quad + \quad +$	$+ \quad + \quad + \quad +$	$+ \quad + \quad + \quad +$						
$2 + \square + 6 = 9$	$7 + 0,1 + 6 = 13$	$\square + 0,1 + \square = 15$	$2 + 1 + 6 = 9$	$7 + 0,1 + 6 = 13$	$9 + 0,1 + 6 = 15$						
$+ \quad + \quad + \quad +$	$+ \quad + \quad + \quad +$	$+ \quad + \quad + \quad +$	$+ \quad + \quad + \quad +$	$+ \quad + \quad + \quad +$	$+ \quad + \quad + \quad +$						
$\square + \square + \square = 14$	$\square + 0,2 + 9 = 14$	$4 + \square + 9 = 13$	$4 + 1 + 9 = 14$	$5 + 0,2 + 9 = 14$	$4 + 0,2 + 9 = 13$						
$= \quad = \quad = \quad =$	$= \quad = \quad = \quad =$	$= \quad = \quad = \quad =$	$= \quad = \quad = \quad =$	$= \quad = \quad = \quad =$	$= \quad = \quad = \quad =$						
$14 + 1 + 17$	$15 + 1 + 18$	$20 + 1 + 18$	$14 + 1 + 17 = 32$	$15 + 1 + 18 = 34$	$20 + 1 + 18 = 39$						

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Calculs						Solutions					
Grille 13		Grille 14		Grille 15		Grille 13		Grille 14		Grille 15	
$\square + 1 + \square = 11$	$\square + \square + 9 = 19$	$3 + 4 + \square = 14$	$7 + 1 + 3 = 11$	$4 + 6 + 9 = 19$	$3 + 4 + 7 = 14$	$+$	$+$	$+$	$+$	$+$	$+$
$6 + \square + \square = 23$	$\square + 2 + 7 = 12$	$\square + \square + \square = 18$	$6 + 8 + 9 = 23$	$3 + 2 + 7 = 12$	$1 + 9 + 8 = 18$	$+$	$+$	$+$	$+$	$+$	$+$
$\square + \square + \square = 11$	$1 + \square + \square = 14$	$\square + 2 + \square = 13$	$5 + 4 + 2 = 11$	$1 + 8 + 5 = 14$	$6 + 2 + 5 = 13$	$=$	$=$	$=$	$=$	$=$	$=$
$18 + 13 + 14 = \square$	$8 + 16 + 21 = \square$	$10 + 15 + 20 = \square$	$18 + 13 + 14 = 45$	$8 + 16 + 21 = 45$	$10 + 15 + 20 = 45$						

  

Calculs						Solutions					
Grille 16		Grille 17		Grille 18		Grille 16		Grille 17		Grille 18	
$5 + \square + 3 = 9$	$4 + \square + 3 = 12$	$\square + \square + 8 = 15$	$5 + 1 + 3 = 9$	$4 + 5 + 3 = 12$	$3 + 4 + 8 = 15$	$+$	$+$	$+$	$+$	$+$	$+$
$9 + 8 + \square = 24$	$1 + 6 + 2 = 9$	$5 + \square + \square = 21$	$9 + 8 + 7 = 24$	$1 + 6 + 2 = 9$	$5 + 9 + 7 = 21$	$+$	$+$	$+$	$+$	$+$	$+$
$\square + 2 + 4 = 12$	$\square + 9 + \square = 24$	$2 + 6 + \square = 9$	$6 + 2 + 4 = 12$	$8 + 9 + 7 = 24$	$2 + 6 + 1 = 9$	$=$	$=$	$=$	$=$	$=$	$=$
$20 + 11 + 14 = \square$	$13 + 20 + 12 = \square$	$10 + 19 + 16 = \square$	$20 + 11 + 14 = 45$	$13 + 20 + 12 = 45$	$10 + 19 + 16 = 45$						

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Calculs						Solutions																									
Grille 19		Grille 20		Grille 21		Grille 19		Grille 20		Grille 21																					
3	+		+		=	10	3	+	1	+	6	=	10	8	+	5	+	9	=	22	9	+	1	+	5	=	15				
+		+		+		+	+		+		+		+	+		+		+		+	+		+		+		+				
2	+		+	9	=	19	2	+	8	+	9	=	19	7	+	2	+	6	=	15	3	+	2	+	4	=	9				
+		+		+		+	+		+		+		+	+		+		+		+	+		+		+		+				
	+		+		=	14		+	7	+	8	=	16	1	+	7	+	8	=	16	6	+	7	+	5	=	18				
=		=		=		=	=		=		=		=	=		=		=		=	=		=		=		=				
12	+	12	+	19			12	+	12	+	19	=	43	16	+	14	+	23			18	+	10	+	14						

Calculs						Solutions																									
Grille 22		Grille 23		Grille 24		Grille 22		Grille 23		Grille 24																					
9	+	7	+		=	18	9	+	7	+	2	=	18	5	+	3	+	2	=	10	9	+	1	+	2	=	12				
+		+		+		+	+		+		+		+	+		+		+		+	+		+		+		+				
6	+	1	+	7	=	14	6	+	1	+	7	=	14	4	+	6	+	7	=	17	6	+	4	+	2	=	12				
+		+		+		+	+		+		+		+	+		+		+		+	+		+		+		+				
	+		+		=	18		+	8	+	3	=	16		+	8	+	3	=	16	4	+	8	+	3	=	15				
=		=		=		=	=		=		=		=	=		=		=		=	=		=		=		=				
23	+	17	+	10			23	+	17	+	10	=	50	14	+	17	+	12			19	+	13	+	7						

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Calculs						Solutions																																			
Grille 25		Grille 26		Grille 27		Grille 25		Grille 26		Grille 27																															
2	+	4	+	6	=	12		+		+	4	=	12	5	+	6	+		=	12	2	+	4	+	6	=	12	2	+	6	+	4	=	12	5	+	6	+	1	=	12
+		+		+		+	+		+		+		+	+		+		+		+	+		+		+		+	+		+		+		+	+		+		+		+
	+		+	8	=	20		+		+	8	=	14	6	+		+	1	=	9	7	+	5	+	8	=	20	2	+	4	+	8	=	14	6	+	2	+	1	=	9
+		+		+		+	+		+		+		+	+		+		+		+	+		+		+		+	+		+		+		+	+		+		+		+
	+	9	+		=	13		+		+	9	=	19	3	+	9	+		=	19	3	+	9	+	1	=	13	3	+	7	+	9	=	19	3	+	9	+	7	=	19
=		=		=		=	=		=		=		=	=		=		=		=	=		=		=		=	=		=		=		=	=		=		=		=
12	+	18	+	15			7	+	17	+	21			14	+	17	+	9			12	+	18	+	15	=	45	7	+	17	+	21	=	45	14	+	17	+	9	=	40

Calculs						Solutions																																			
Grille 28		Grille 29		Grille 30		Grille 28		Grille 29		Grille 30																															
	+		+		=	10	1	+		+		=	9		+	1	+	3	=	8	4	+	2	+	4	=	10	1	+	6	+	2	=	9	4	+	1	+	3	=	8
+		+		+		+	+		+		+		+	+		+		+		+	+		+		+		+	+		+		+		+	+		+		+		+
	+		+		=	18		+		+		=	13		+	2	+		=	15	8	+	3	+	7	=	18	1	+	3	+	9	=	13	7	+	2	+	6	=	15
+		+		+		+	+		+		+		+	+		+		+		+	+		+		+		+	+		+		+		+	+		+		+		+
	+		+		=	20	7	+	8	+	5	=	20		+	9	+	8	=	22	9	+	5	+	6	=	20	7	+	8	+	5	=	20	5	+	9	+	8	=	22
=		=		=		=	=		=		=		=	=		=		=		=	=		=		=		=	=		=		=		=	=		=		=		=
21	+	10	+	17			9	+	17	+	16			16	+	12	+	17			21	+	10	+	17	=	48	9	+	17	+	16	=	42	16	+	12	+	17	=	45



## Liens divers (cliquer sur l'image)



Plusieurs millions de documents consultables et téléchargeables gratuitement : livres, manuscrits, cartes et plans, estampes, photographies, affiches, revues, fascicules de presse et journaux, enregistrements sonores, partitions



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Au revoir...

et au prochain atelier !

