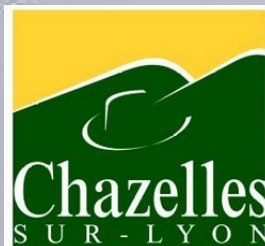


# SOLUTIONS



## Atelier mémoire Numérique Calculs

# 08



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# Solutions calculs

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## Calculs Masque 1

Grille 1

Grille 2

Grille 3

$$\begin{array}{r} 9 + \square + 1 = 14 \\ + \quad + \quad + \quad + \\ \square + 6 + \square = 16 \\ + \quad + \quad + \quad + \\ 5 + \square + 8 = 15 \\ = \quad = \quad = \quad = \\ 21 + 12 + 12 \end{array}$$

$$\begin{array}{r} 9 + \square + 3 = 17 \\ + \quad + \quad + \quad + \\ \square + 4 + \square = 7 \\ + \quad + \quad + \quad + \\ 6 + \square + 7 = 21 \\ = \quad = \quad = \quad = \\ 16 + 17 + 12 \end{array}$$

$$\begin{array}{r} 1 + \square + 3 = 9 \\ + \quad + \quad + \quad + \\ \square + 6 + \square = 17 \\ + \quad + \quad + \quad + \\ 7 + \square + 4 = 19 \\ = \quad = \quad = \quad = \\ 17 + 19 + 9 \end{array}$$

## Solutions Masque 1

Grille 1

Grille 2

Grille 3

$$\begin{array}{r} 9 + 4 + 1 = 14 \\ + \quad + \quad + \quad + \\ 7 + 6 + 3 = 16 \\ + \quad + \quad + \quad + \\ 5 + 2 + 8 = 15 \\ = \quad = \quad = \quad = \\ 21 + 12 + 12 = 45 \end{array}$$

$$\begin{array}{r} 9 + 5 + 3 = 17 \\ + \quad + \quad + \quad + \\ 1 + 4 + 2 = 7 \\ + \quad + \quad + \quad + \\ 6 + 8 + 7 = 21 \\ = \quad = \quad = \quad = \\ 16 + 17 + 12 = 45 \end{array}$$

$$\begin{array}{r} 1 + 5 + 3 = 9 \\ + \quad + \quad + \quad + \\ 9 + 6 + 2 = 17 \\ + \quad + \quad + \quad + \\ 7 + 8 + 4 = 19 \\ = \quad = \quad = \quad = \\ 17 + 19 + 9 = 45 \end{array}$$

## Calculs Masque 1

Grille 4

Grille 5

Grille 6

$$\begin{array}{r} 8 + \square + 3 = 13 \\ + \quad + \quad + \quad + \\ \square + 7 + \square = 16 \\ + \quad + \quad + \quad + \\ 9 + \square + 1 = 16 \\ = \quad = \quad = \quad = \\ 21 + 15 + 9 \end{array}$$

$$\begin{array}{r} 5 + \square + 6 = 15 \\ + \quad + \quad + \quad + \\ \square + 7 + \square = 12 \\ + \quad + \quad + \quad + \\ 9 + \square + 8 = 18 \\ = \quad = \quad = \quad = \\ 16 + 12 + 17 \end{array}$$

$$\begin{array}{r} 2 + \square + 7 = 12 \\ + \quad + \quad + \quad + \\ \square + 9 + \square = 22 \\ + \quad + \quad + \quad + \\ 1 + \square + 6 = 11 \\ = \quad = \quad = \quad = \\ 11 + 16 + 18 \end{array}$$

## Solutions Masque 1

Grille 4

Grille 5

Grille 6

$$\begin{array}{r} 8 + 2 + 3 = 13 \\ + \quad + \quad + \quad + \\ 4 + 7 + 5 = 16 \\ + \quad + \quad + \quad + \\ 9 + 6 + 1 = 16 \\ = \quad = \quad = \quad = \\ 21 + 15 + 9 = 45 \end{array}$$

$$\begin{array}{r} 5 + 4 + 6 = 15 \\ + \quad + \quad + \quad + \\ 2 + 7 + 3 = 12 \\ + \quad + \quad + \quad + \\ 9 + 1 + 8 = 18 \\ = \quad = \quad = \quad = \\ 16 + 12 + 17 = 45 \end{array}$$

$$\begin{array}{r} 2 + 3 + 7 = 12 \\ + \quad + \quad + \quad + \\ 8 + 9 + 5 = 22 \\ + \quad + \quad + \quad + \\ 1 + 4 + 6 = 11 \\ = \quad = \quad = \quad = \\ 11 + 16 + 18 = 45 \end{array}$$



# Solutions calculs



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## Calculs Masque 2

## Solutions Masque 2

Grille 1

Grille 2

Grille 3

Grille 1

Grille 2

Grille 3

$$\begin{array}{r} \square + 3 + \square = 19 \\ + \quad + \quad + \\ \square + \square + 4 = 15 \\ + \quad + \quad + \\ \square + 8 + \square = 11 \\ = \quad = \quad = \\ 15 + 17 + 13 \end{array}$$

$$\begin{array}{r} \square + 7 + \square = 12 \\ + \quad + \quad + \\ \square + \square + 6 = 19 \\ + \quad + \quad + \\ \square + 1 + \square = 14 \\ = \quad = \quad = \\ 20 + 13 + 12 \end{array}$$

$$\begin{array}{r} \square + 7 + \square = 15 \\ + \quad + \quad + \\ \square + \square + 1 = 12 \\ + \quad + \quad + \\ \square + 4 + \square = 18 \\ = \quad = \quad = \\ 13 + 20 + 12 \end{array}$$

$$\begin{array}{r} 9 + 3 + 7 = 19 \\ + \quad + \quad + \\ 5 + 6 + 4 = 15 \\ + \quad + \quad + \\ 1 + 8 + 2 = 11 \\ = \quad = \quad = \\ 15 + 17 + 13 = 45 \end{array}$$

$$\begin{array}{r} 3 + 7 + 2 = 12 \\ + \quad + \quad + \\ 8 + 5 + 6 = 19 \\ + \quad + \quad + \\ 9 + 1 + 4 = 14 \\ = \quad = \quad = \\ 20 + 13 + 12 = 45 \end{array}$$

$$\begin{array}{r} 5 + 7 + 3 = 15 \\ + \quad + \quad + \\ 2 + 9 + 1 = 12 \\ + \quad + \quad + \\ 6 + 4 + 8 = 18 \\ = \quad = \quad = \\ 13 + 20 + 12 = 45 \end{array}$$

## Calculs Masque 2

## Solutions Masque 2

Grille 4

Grille 5

Grille 6

Grille 4

Grille 5

Grille 6

$$\begin{array}{r} \square + 2 + \square = 13 \\ + \quad + \quad + \\ \square + \square + 5 = 16 \\ + \quad + \quad + \\ \square + 1 + \square = 16 \\ = \quad = \quad = \\ 16 + 11 + 18 \end{array}$$

$$\begin{array}{r} \square + 1 + \square = 13 \\ + \quad + \quad + \\ \square + \square + 9 = 22 \\ + \quad + \quad + \\ \square + 3 + \square = 10 \\ = \quad = \quad = \\ 16 + 11 + 18 \end{array}$$

$$\begin{array}{r} \square + 6 + \square = 15 \\ + \quad + \quad + \\ \square + \square + 8 = 16 \\ + \quad + \quad + \\ \square + 9 + \square = 14 \\ = \quad = \quad = \\ 8 + 22 + 15 \end{array}$$

$$\begin{array}{r} 4 + 2 + 7 = 13 \\ + \quad + \quad + \\ 3 + 8 + 5 = 16 \\ + \quad + \quad + \\ 9 + 1 + 6 = 16 \\ = \quad = \quad = \\ 16 + 11 + 18 = 45 \end{array}$$

$$\begin{array}{r} 8 + 1 + 4 = 13 \\ + \quad + \quad + \\ 6 + 7 + 9 = 22 \\ + \quad + \quad + \\ 2 + 3 + 5 = 10 \\ = \quad = \quad = \\ 16 + 11 + 18 = 45 \end{array}$$

$$\begin{array}{r} 4 + 6 + 5 = 15 \\ + \quad + \quad + \\ 1 + 7 + 8 = 16 \\ + \quad + \quad + \\ 3 + 9 + 2 = 14 \\ = \quad = \quad = \\ 8 + 22 + 15 = 45 \end{array}$$

# Solutions calculs



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## Calculs Masque 3

Grille 1

Grille 2

Grille 3

$$\square + 4 + 1 = 8$$

$$\square + 4 + 2 = 12$$

$$\square + 3 + 5 = 17$$

$$+ + + +$$

$$+ + + +$$

$$+ + + +$$

$$\square + 5 + \square = 20$$

$$\square + 8 + \square = 18$$

$$\square + 6 + \square = 17$$

$$+ + + +$$

$$+ + + +$$

$$+ + + +$$

$$2 + \square + 8 = 17$$

$$5 + \square + 1 = 15$$

$$2 + \square + 8 = 11$$

$$= = =$$

$$= = =$$

$$= = =$$

$$14 + 16 + 15$$

$$\square$$

$$15 + 10 + 20$$

## Calculs Masque 3

Grille 4

Grille 5

Grille 6

$$\square + 7 + 5 = 16$$

$$\square + 3 + 7 = 16$$

$$\square + 1 + 8 = 15$$

$$+ + + +$$

$$+ + + +$$

$$+ + + +$$

$$\square + 6 + \square = 10$$

$$\square + 1 + \square = 13$$

$$\square + 3 + \square = 9$$

$$+ + + +$$

$$+ + + +$$

$$+ + + +$$

$$9 + \square + 2 = 19$$

$$5 + \square + 9 = 16$$

$$9 + \square + 7 = 21$$

$$= = =$$

$$= = =$$

$$= = =$$

$$16 + 21 + 8$$

$$\square$$

$$19 + 9 + 17$$

## Solutions Masque 3

Grille 1

Grille 2

Grille 3

$$3 + 4 + 1 = 8$$

$$6 + 4 + 2 = 12$$

$$9 + 3 + 5 = 17$$

$$+ + + +$$

$$+ + + +$$

$$+ + + +$$

$$9 + 5 + 6 = 20$$

$$7 + 8 + 3 = 18$$

$$4 + 6 + 7 = 17$$

$$+ + + +$$

$$+ + + +$$

$$+ + + +$$

$$2 + 7 + 8 = 17$$

$$5 + 9 + 1 = 15$$

$$2 + 1 + 8 = 11$$

$$= = =$$

$$= = =$$

$$= = =$$

$$14 + 16 + 15 = 0$$

$$18 + 21 + 6 = 45$$

$$15 + 10 + 20 = 45$$

## Solutions Masque 3

Grille 4

Grille 5

Grille 6

$$4 + 7 + 5 = 16$$

$$6 + 3 + 7 = 16$$

$$6 + 1 + 8 = 15$$

$$+ + + +$$

$$+ + + +$$

$$+ + + +$$

$$3 + 6 + 1 = 10$$

$$8 + 1 + 4 = 13$$

$$4 + 3 + 2 = 9$$

$$+ + + +$$

$$+ + + +$$

$$+ + + +$$

$$9 + 8 + 2 = 19$$

$$5 + 2 + 9 = 16$$

$$9 + 5 + 7 = 21$$

$$= = =$$

$$= = =$$

$$= = =$$

$$16 + 21 + 8 = 0$$

$$19 + 6 + 20 = 45$$

$$19 + 9 + 17 = 45$$

# Solutions calculs



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## Calculs Masque 4

### Grille 1

$$\begin{array}{r} 6 + \square + \square = 6 \\ + + + + \\ 2 + 5 + \square = 5 \\ + + + + \\ \square + \square + 7 = 9 \\ = = = = \\ 17 + 9 + 19 \end{array}$$

### Grille 2

$$\begin{array}{r} 4 + \square + \square = 13 \\ + + + + \\ 2 + 8 + \square = 15 \\ + + + + \\ \square + \square + 9 = 17 \\ = = = = \\ 7 + 18 + 20 \end{array}$$

### Grille 3

$$\begin{array}{r} 7 + \square + \square = 22 \\ + + + + \\ 3 + 8 + \square = 15 \\ + + + + \\ \square + \square + 5 = 8 \\ = = = = \\ 12 + 18 + 15 \end{array}$$

## Solutions Masque 4

### Grille 1

$$\begin{array}{r} 6 + 3 + 8 = 17 \\ + + + + \\ 2 + 5 + 4 = 11 \\ + + + + \\ 9 + 1 + 7 = 17 \\ = = = = \\ 17 + 9 + 19 = 20 \end{array}$$

### Grille 2

$$\begin{array}{r} 4 + 3 + 6 = 13 \\ + + + + \\ 2 + 8 + 5 = 15 \\ + + + + \\ 1 + 7 + 9 = 17 \\ = = = = \\ 7 + 18 + 20 = 45 \end{array}$$

### Grille 3

$$\begin{array}{r} 7 + 9 + 6 = 22 \\ + + + + \\ 3 + 8 + 4 = 15 \\ + + + + \\ 2 + 1 + 5 = 8 \\ = = = = \\ 12 + 18 + 15 = 45 \end{array}$$

## Calculs Masque 4

### Grille 4

$$\begin{array}{r} 3 + \square + \square = 2 \\ + + + + \\ 2 + 7 + \square = 8 \\ + + + + \\ \square + \square + 4 = 1 \\ = = = = \\ 14 + 20 + 11 \end{array}$$

### Grille 5

$$\begin{array}{r} 5 + \square + \square = 10 \\ + + + + \\ 7 + 9 + \square = 24 \\ + + + + \\ \square + \square + 1 = 11 \\ = = = = \\ 18 + 16 + 11 \end{array}$$

### Grille 6

$$\begin{array}{r} 8 + \square + \square = 13 \\ + + + + \\ 1 + 4 + \square = 14 \\ + + + + \\ \square + \square + 6 = 18 \\ = = = = \\ 14 + 13 + 18 \end{array}$$

## Solutions Masque 4

### Grille 4

$$\begin{array}{r} 3 + 5 + 6 = 14 \\ + + + + \\ 2 + 7 + 1 = 10 \\ + + + + \\ 9 + 8 + 4 = 21 \\ = = = = \\ 14 + 20 + 11 = 11 \end{array}$$

### Grille 5

$$\begin{array}{r} 5 + 3 + 2 = 10 \\ + + + + \\ 7 + 9 + 8 = 24 \\ + + + + \\ 6 + 4 + 1 = 11 \\ = = = = \\ 18 + 16 + 11 = 45 \end{array}$$

### Grille 6

$$\begin{array}{r} 8 + 2 + 3 = 13 \\ + + + + \\ 1 + 4 + 9 = 14 \\ + + + + \\ 5 + 7 + 6 = 18 \\ = = = = \\ 14 + 13 + 18 = 45 \end{array}$$



## Liens divers (cliquer sur l'image)



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Au revoir...

et au prochain atelier !

