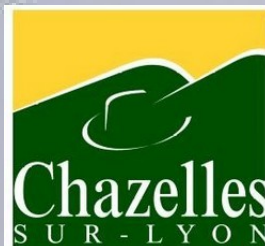


SOLUTIONS



Atelier mémoire Numérique Calculs

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Solutions calculs



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Calculs Masque 1

Grille 1

Grille 2

Grille 3

$$\begin{array}{r} 6 + \square + 9 = 23 \\ + \quad + \quad + \quad + \\ \square + 4 + \square = 9 \\ + \quad + \quad + \quad + \\ 5 + \square + 1 = 13 \\ = \quad = \quad = \quad = \\ 13 + 19 + 13 \end{array}$$

$$\begin{array}{r} 5 + \square + 4 = 18 \\ + \quad + \quad + \quad + \\ \square + 6 + \square = 15 \\ + \quad + \quad + \quad + \\ 8 + \square + 3 = 12 \\ = \quad = \quad = \quad = \\ 20 + 16 + 9 \end{array}$$

$$\begin{array}{r} 6 + \square + 5 = 15 \\ + \quad + \quad + \quad + \\ \square + 2 + \square = 6 \\ + \quad + \quad + \quad + \\ 7 + \square + 9 = 24 \\ = \quad = \quad = \quad = \\ 14 + 14 + 17 \end{array}$$

Solutions Masque 1

Grille 1

Grille 2

Grille 3

$$\begin{array}{r} 6 + 8 + 9 = 23 \\ + \quad + \quad + \quad + \\ 2 + 4 + 3 = 9 \\ + \quad + \quad + \quad + \\ 5 + 7 + 1 = 13 \\ = \quad = \quad = \quad = \\ 13 + 19 + 13 = 45 \end{array}$$

$$\begin{array}{r} 5 + 9 + 4 = 18 \\ + \quad + \quad + \quad + \\ 7 + 6 + 2 = 15 \\ + \quad + \quad + \quad + \\ 8 + 1 + 3 = 12 \\ = \quad = \quad = \quad = \\ 20 + 16 + 9 = 45 \end{array}$$

$$\begin{array}{r} 6 + 4 + 5 = 15 \\ + \quad + \quad + \quad + \\ 1 + 2 + 3 = 6 \\ + \quad + \quad + \quad + \\ 7 + 8 + 9 = 24 \\ = \quad = \quad = \quad = \\ 14 + 14 + 17 = 45 \end{array}$$

Calculs Masque 1

Grille 4

Grille 5

Grille 6

$$\begin{array}{r} 1 + \square + 4 = 7 \\ + \quad + \quad + \quad + \\ \square + 9 + \square = 19 \\ + \quad + \quad + \quad + \\ 8 + \square + 5 = 19 \\ = \quad = \quad = \quad = \\ 16 + 17 + 12 \end{array}$$

$$\begin{array}{r} 3 + \square + 2 = 10 \\ + \quad + \quad + \quad + \\ \square + 4 + \square = 18 \\ + \quad + \quad + \quad + \\ 9 + \square + 7 = 17 \\ = \quad = \quad = \quad = \\ 20 + 10 + 15 \end{array}$$

$$\begin{array}{r} 1 + \square + 3 = 6 \\ + \quad + \quad + \quad + \\ \square + 9 + \square = 19 \\ + \quad + \quad + \quad + \\ 7 + \square + 5 = 20 \\ = \quad = \quad = \quad = \\ 14 + 19 + 12 \end{array}$$

Solutions Masque 1

Grille 4

Grille 5

Grille 6

$$\begin{array}{r} 1 + 2 + 4 = 7 \\ + \quad + \quad + \quad + \\ 7 + 9 + 3 = 19 \\ + \quad + \quad + \quad + \\ 8 + 6 + 5 = 19 \\ = \quad = \quad = \quad = \\ 16 + 17 + 12 = 45 \end{array}$$

$$\begin{array}{r} 3 + 5 + 2 = 10 \\ + \quad + \quad + \quad + \\ 8 + 4 + 6 = 18 \\ + \quad + \quad + \quad + \\ 9 + 1 + 7 = 17 \\ = \quad = \quad = \quad = \\ 20 + 10 + 15 = 45 \end{array}$$

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



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Calculs Masque 2

Solutions Masque 2

Grille 1

Grille 2

Grille 3

Grille 1

Grille 2

Grille 3

$$\begin{array}{r} \square + 2 + \square = 14 \\ + \quad + \quad + \quad + \\ \square + \square + 7 = 22 \\ + \quad + \quad + \quad + \\ \square + 1 + \square = 9 \\ = \quad = \quad = \quad = \\ 18 + 9 + 18 \end{array}$$

$$\begin{array}{r} \square + 7 + \square = 13 \\ + \quad + \quad + \quad + \\ \square + \square + 3 = 20 \\ + \quad + \quad + \quad + \\ \square + 1 + \square = 12 \\ = \quad = \quad = \quad = \\ 18 + 17 + 10 \end{array}$$

$$\begin{array}{r} \square + 9 + \square = 12 \\ + \quad + \quad + \quad + \\ \square + \square + 6 = 19 \\ + \quad + \quad + \quad + \\ \square + 7 + \square = 14 \\ = \quad = \quad = \quad = \\ 10 + 24 + 11 \end{array}$$

$$\begin{array}{r} 4 + 2 + 8 = 14 \\ + \quad + \quad + \quad + \\ 9 + 6 + 7 = 22 \\ + \quad + \quad + \quad + \\ 5 + 1 + 3 = 9 \\ = \quad = \quad = \quad = \\ 18 + 9 + 18 = 45 \end{array}$$

$$\begin{array}{r} 4 + 7 + 2 = 13 \\ + \quad + \quad + \quad + \\ 8 + 9 + 3 = 20 \\ + \quad + \quad + \quad + \\ 6 + 1 + 5 = 12 \\ = \quad = \quad = \quad = \\ 18 + 17 + 10 = 45 \end{array}$$

$$\begin{array}{r} 1 + 9 + 2 = 12 \\ + \quad + \quad + \quad + \\ 5 + 8 + 6 = 19 \\ + \quad + \quad + \quad + \\ 4 + 7 + 3 = 14 \\ = \quad = \quad = \quad = \\ 10 + 24 + 11 = 45 \end{array}$$

Calculs Masque 2

Solutions Masque 2

Grille 4

Grille 5

Grille 6

Grille 4

Grille 5

Grille 6

$$\begin{array}{r} \square + 6 + \square = 19 \\ + \quad + \quad + \quad + \\ \square + \square + 8 = 13 \\ + \quad + \quad + \quad + \\ \square + 7 + \square = 13 \\ = \quad = \quad = \quad = \\ 16 + 16 + 13 \end{array}$$

$$\begin{array}{r} \square + 2 + \square = 6 \\ + \quad + \quad + \quad + \\ \square + \square + 7 = 21 \\ + \quad + \quad + \quad + \\ \square + 8 + \square = 18 \\ = \quad = \quad = \quad = \\ 16 + 15 + 14 \end{array}$$

$$\begin{array}{r} \square + 7 + \square = 14 \\ + \quad + \quad + \quad + \\ \square + \square + 4 = 18 \\ + \quad + \quad + \quad + \\ \square + 2 + \square = 13 \\ = \quad = \quad = \quad = \\ 14 + 18 + 13 \end{array}$$

$$\begin{array}{r} 9 + 6 + 4 = 19 \\ + \quad + \quad + \quad + \\ 2 + 3 + 8 = 13 \\ + \quad + \quad + \quad + \\ 5 + 7 + 1 = 13 \\ = \quad = \quad = \quad = \\ 16 + 16 + 13 = 45 \end{array}$$

$$\begin{array}{r} 1 + 2 + 3 = 6 \\ + \quad + \quad + \quad + \\ 9 + 5 + 7 = 21 \\ + \quad + \quad + \quad + \\ 6 + 8 + 4 = 18 \\ = \quad = \quad = \quad = \\ 16 + 15 + 14 = 45 \end{array}$$

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

Solutions calculs



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Calculs Masque 3

Grille 1

Grille 2

Grille 3

$$\begin{array}{r} \square + 2 + 9 = 19 \\ + \quad + \quad + \quad + \\ \square + 3 + \square = 10 \\ + \quad + \quad + \quad + \\ 5 + \square + 7 = 16 \\ = \quad = \quad = \quad = \\ 19 + 9 + 17 \end{array}$$

$$\begin{array}{r} \square + 7 + 3 = 18 \\ + \quad + \quad + \quad + \\ \square + 1 + \square = 15 \\ + \quad + \quad + \quad + \\ 4 + \square + 6 = 12 \\ = \quad = \quad = \quad = \\ 17 + 10 + 18 \end{array}$$

$$\begin{array}{r} \square + 7 + 1 = 16 \\ + \quad + \quad + \quad + \\ \square + 4 + \square = 9 \\ + \quad + \quad + \quad + \\ 5 + \square + 6 = 20 \\ = \quad = \quad = \quad = \\ 16 + 20 + 9 \end{array}$$

Solutions Masque 3

Grille 1

Grille 2

Grille 3

$$\begin{array}{r} 8 + 2 + 9 = 19 \\ + \quad + \quad + \quad + \\ 6 + 3 + 1 = 10 \\ + \quad + \quad + \quad + \\ 5 + 4 + 7 = 16 \\ = \quad = \quad = \quad = \\ 19 + 9 + 17 = 0 \end{array}$$

$$\begin{array}{r} 8 + 7 + 3 = 18 \\ + \quad + \quad + \quad + \\ 5 + 1 + 9 = 15 \\ + \quad + \quad + \quad + \\ 4 + 2 + 6 = 12 \\ = \quad = \quad = \quad = \\ 17 + 10 + 18 \end{array}$$

$$\begin{array}{r} 8 + 7 + 1 = 16 \\ + \quad + \quad + \quad + \\ 3 + 4 + 2 = 9 \\ + \quad + \quad + \quad + \\ 5 + 9 + 6 = 20 \\ = \quad = \quad = \quad = \\ 16 + 20 + 9 \end{array}$$

Calculs Masque 3

Grille 4

Grille 5

Grille 6

$$\begin{array}{r} \square + 9 + 6 = 23 \\ + \quad + \quad + \quad + \\ \square + 2 + \square = 13 \\ + \quad + \quad + \quad + \\ 5 + \square + 1 = 9 \\ = \quad = \quad = \quad = \\ 17 + 14 + 14 \end{array}$$

$$\begin{array}{r} \square + 4 + 6 = 12 \\ + \quad + \quad + \quad + \\ \square + 1 + \square = 18 \\ + \quad + \quad + \quad + \\ 3 + \square + 7 = 15 \\ = \quad = \quad = \quad = \\ 14 + 10 + 21 \end{array}$$

$$\begin{array}{r} \square + 1 + 3 = 12 \\ + \quad + \quad + \quad + \\ \square + 2 + \square = 15 \\ + \quad + \quad + \quad + \\ 5 + \square + 4 = 18 \\ = \quad = \quad = \quad = \\ 20 + 12 + 13 \end{array}$$

Solutions Masque 3

Grille 4

Grille 5

Grille 6

$$\begin{array}{r} 8 + 9 + 6 = 23 \\ + \quad + \quad + \quad + \\ 4 + 2 + 7 = 13 \\ + \quad + \quad + \quad + \\ 5 + 3 + 1 = 9 \\ = \quad = \quad = \quad = \\ 17 + 14 + 14 = 0 \end{array}$$

$$\begin{array}{r} 2 + 4 + 6 = 12 \\ + \quad + \quad + \quad + \\ 9 + 1 + 8 = 18 \\ + \quad + \quad + \quad + \\ 3 + 5 + 7 = 15 \\ = \quad = \quad = \quad = \\ 14 + 10 + 21 \end{array}$$

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

Solutions calculs



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Calculs Masque 4

Grille 1

$$\begin{array}{r} 5 + \square + \square = 4 \\ + \quad + \quad + \\ 1 + 9 + \square = 2 \\ + \quad + \quad + \\ \square + \square + 6 = 7 \\ = \quad = \quad = \\ 13 + 20 + 12 \end{array}$$

Grille 2

$$\begin{array}{r} 6 + \square + \square = 18 \\ + \quad + \quad + \\ 9 + 5 + \square = 16 \\ + \quad + \quad + \\ \square + \square + 7 = 11 \\ = \quad = \quad = \\ 16 + 16 + 13 \end{array}$$

Grille 3

$$\begin{array}{r} 6 + \square + \square = 18 \\ + \quad + \quad + \\ 1 + 2 + \square = 12 \\ + \quad + \quad + \\ \square + \square + 8 = 15 \\ = \quad = \quad = \\ 11 + 10 + 24 \end{array}$$

Solutions Masque 4

Grille 1

$$\begin{array}{r} 5 + 8 + 4 = 17 \\ + \quad + \quad + \\ 1 + 9 + 2 = 12 \\ + \quad + \quad + \\ 7 + 3 + 6 = 16 \\ = \quad = \quad = \\ 13 + 20 + 12 = 13 \end{array}$$

Grille 2

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

Grille 3

$$\begin{array}{r} 6 + 5 + 7 = 18 \\ + \quad + \quad + \\ 1 + 2 + 9 = 12 \\ + \quad + \quad + \\ 4 + 3 + 8 = 15 \\ = \quad = \quad = \\ 11 + 10 + 24 = 45 \end{array}$$

Calculs Masque 4

Grille 4

$$\begin{array}{r} 9 + \square + \square = 7 \\ + \quad + \quad + \\ 5 + 6 + \square = 6 \\ + \quad + \quad + \\ \square + \square + 4 = 2 \\ = \quad = \quad = \\ 16 + 15 + 14 \end{array}$$

Grille 5

$$\begin{array}{r} 8 + \square + \square = 19 \\ + \quad + \quad + \\ 5 + 3 + \square = 14 \\ + \quad + \quad + \\ \square + \square + 2 = 12 \\ = \quad = \quad = \\ 22 + 8 + 15 \end{array}$$

Grille 6

$$\begin{array}{r} 9 + \square + \square = 16 \\ + \quad + \quad + \\ 2 + 8 + \square = 16 \\ + \quad + \quad + \\ \square + \square + 5 = 13 \\ = \quad = \quad = \\ 18 + 12 + 15 \end{array}$$

Solutions Masque 4

Grille 4

$$\begin{array}{r} 9 + 8 + 3 = 20 \\ + \quad + \quad + \\ 5 + 6 + 7 = 18 \\ + \quad + \quad + \\ 2 + 1 + 4 = 7 \\ = \quad = \quad = \\ 16 + 15 + 14 = 15 \end{array}$$

Grille 5

$$\begin{array}{r} 8 + 4 + 7 = 19 \\ + \quad + \quad + \\ 5 + 3 + 6 = 14 \\ + \quad + \quad + \\ 9 + 1 + 2 = 12 \\ = \quad = \quad = \\ 22 + 8 + 15 = 45 \end{array}$$

Grille 6

$$\begin{array}{r} 9 + 3 + 4 = 16 \\ + \quad + \quad + \\ 2 + 8 + 6 = 16 \\ + \quad + \quad + \\ 7 + 1 + 5 = 13 \\ = \quad = \quad = \\ 18 + 12 + 15 = 45 \end{array}$$



Liens divers (cliquer sur l'image)



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