



CM33: Additionner 2 nombres à 2 chiffres

$$36 + 23 = \underline{\hspace{2cm}}$$



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CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{cc} 3 & 6 \\ \swarrow & \searrow \end{array} + 23 = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{r} 36 \\ \swarrow \searrow \\ 30 + 6 \end{array} + 23 = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{r} 36 \\ \swarrow \searrow \\ 30 + 6 \end{array} + 23 = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{r} 36 \\ \swarrow \searrow \\ 30 + 6 \end{array} + \begin{array}{r} 23 \\ \swarrow \searrow \\ 20 + 3 \end{array} = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

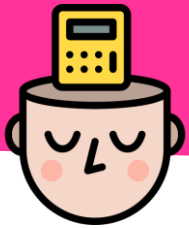
$$\begin{array}{r} 36 \\ \swarrow \searrow \\ 30 + 6 \end{array} + \begin{array}{r} 23 \\ \swarrow \searrow \\ 20 + 3 \end{array} = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{rcccl} 36 & + & 23 & = & \underline{\hspace{2cm}} \\ \swarrow & & \swarrow & & \\ 30 & + & 6 & + & 20 & + & 3 \end{array}$$

Diagram illustrating the addition of 36 and 23 using the decomposition method (place value strategy). The number 36 is decomposed into 30 and 6. The number 23 is decomposed into 20 and 3. The partial sums 30, 6, 20, and 3 are shown below, with lines indicating the decomposition of the original numbers. The final sum is represented by a blank line.



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{rcccl} 36 & + & 23 & = & \underline{\hspace{2cm}} \\ \swarrow & & \swarrow & & \\ 30 & + & 6 & + & 20 & + & 3 \\ \swarrow & & \swarrow & & & & \\ & 50 & & & & & \end{array}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{rcccl} 36 & + & 23 & = & \underline{\hspace{2cm}} \\ \swarrow & & \swarrow & & \\ 30 & + & 6 & + & 20 & + & 3 \\ \swarrow & & \searrow & & \swarrow & & \searrow \\ & & 50 & & & & \end{array}$$

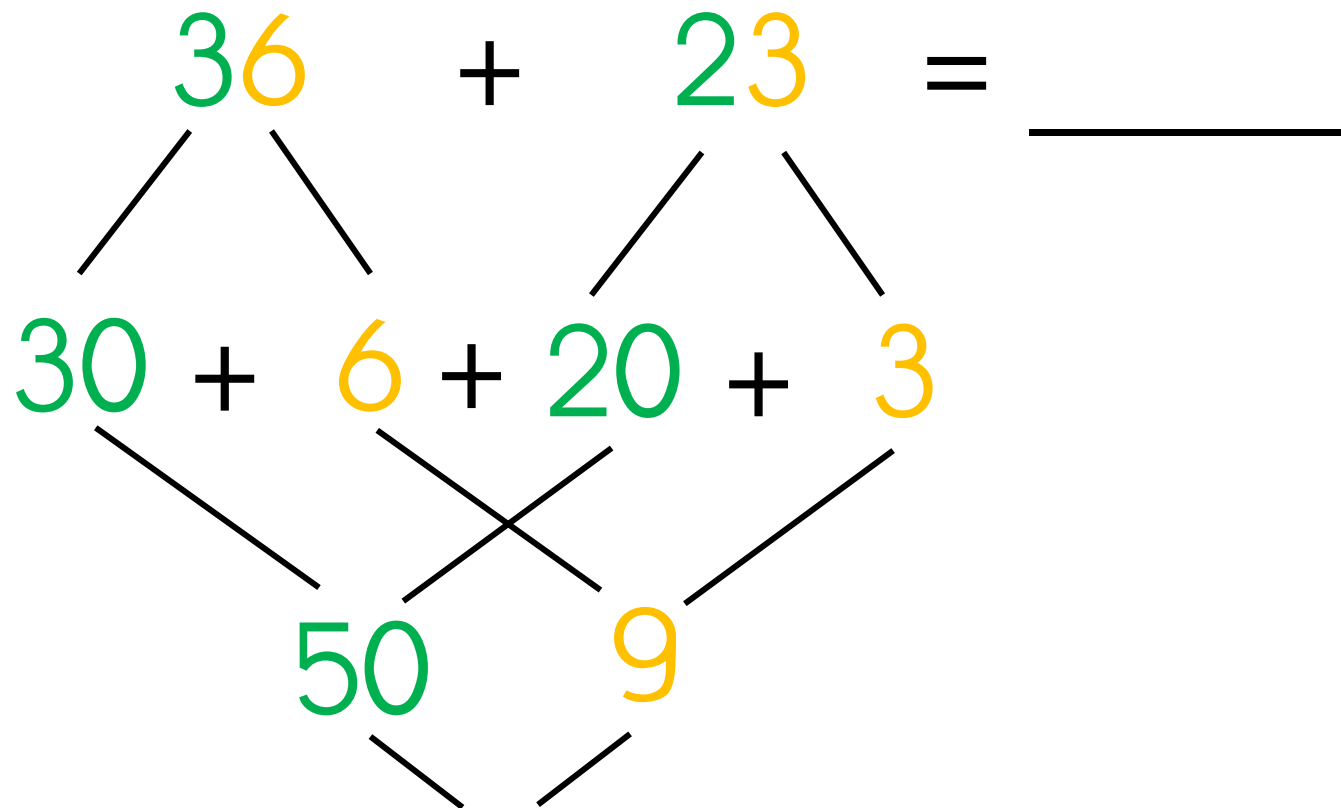


CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{rcccl} 36 & + & 23 & = & \underline{\hspace{2cm}} \\ \swarrow & & \swarrow & & \\ 30 & + & 6 & + & 20 & + & 3 \\ \swarrow & \searrow & \swarrow & \searrow & \swarrow & \searrow & \\ & 50 & & 9 & & & \end{array}$$

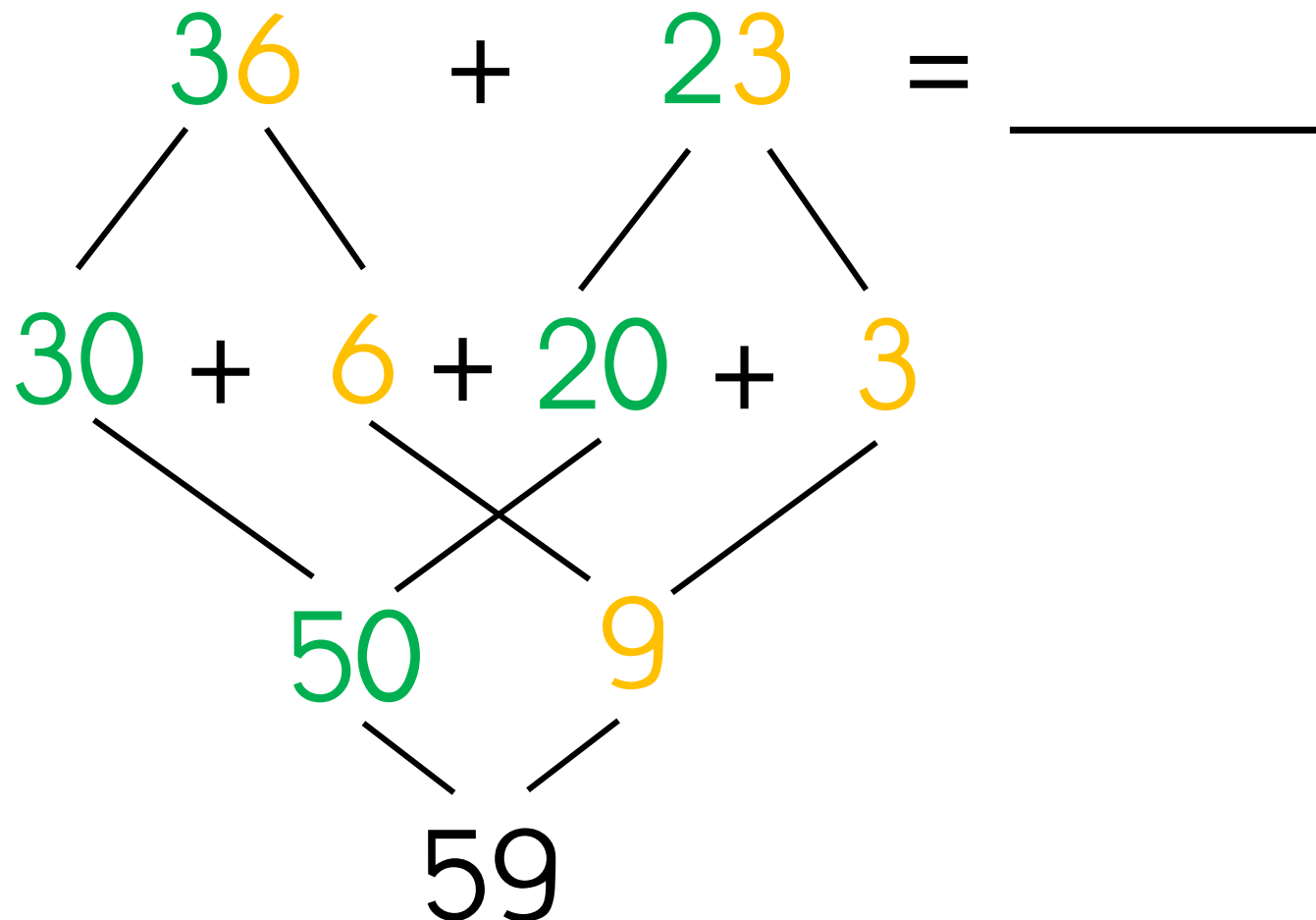


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$$\begin{array}{r} 36 + 23 = \underline{59} \\ \begin{array}{l} \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ 30 + 6 + 20 + 3 \\ \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ 50 \quad 9 \\ \swarrow \quad \searrow \\ 59 \end{array} \end{array}$$



CM33: Additionner 2 nombres à 2 chiffres

$$45 + 18 = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$45 + 18 = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{r} 45 \\ \diagdown \quad \diagup \end{array} + 18 = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{r} 45 \\ \swarrow \quad \searrow \\ 40 + 5 \end{array} + 18 = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{r} 45 \\ \swarrow \searrow \\ 40 + 5 \end{array} + 18 = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{r} 45 \\ \swarrow \searrow \\ 40 + 5 \end{array} + \begin{array}{r} 18 \\ \swarrow \searrow \\ 10 + 8 \end{array} = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{r} 45 \\ \swarrow \searrow \\ 40 + 5 \end{array} + \begin{array}{r} 18 \\ \swarrow \searrow \\ 10 + 8 \end{array} = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{rcccl} 45 & + & 18 & = & \underline{\hspace{2cm}} \\ \swarrow & & \swarrow & & \\ 40 & + & 5 & + & 10 & + & 8 \end{array}$$

Diagram illustrating the addition of 45 and 18 using the decomposition method. The number 45 is decomposed into 40 and 5. The number 18 is decomposed into 10 and 8. The intermediate steps are shown as 40 + 5 + 10 + 8. Lines connect 45 to 40 and 5, and 18 to 10 and 8. Lines also connect 40 and 10, and 5 and 8, indicating the next step in the calculation.



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{rcccl} & 45 & + & 18 & = & \underline{\hspace{2cm}} \\ & \swarrow \quad \searrow & & \swarrow \quad \searrow & & \\ 40 & + & 5 & + & 10 & + & 8 \\ & \swarrow \quad \searrow & & \swarrow \quad \searrow & & \\ & 50 & & & & \end{array}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{r} 45 + 18 = \underline{\hspace{2cm}} \\ \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ 40 + 5 + 10 + 8 \\ \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ 50 \end{array}$$

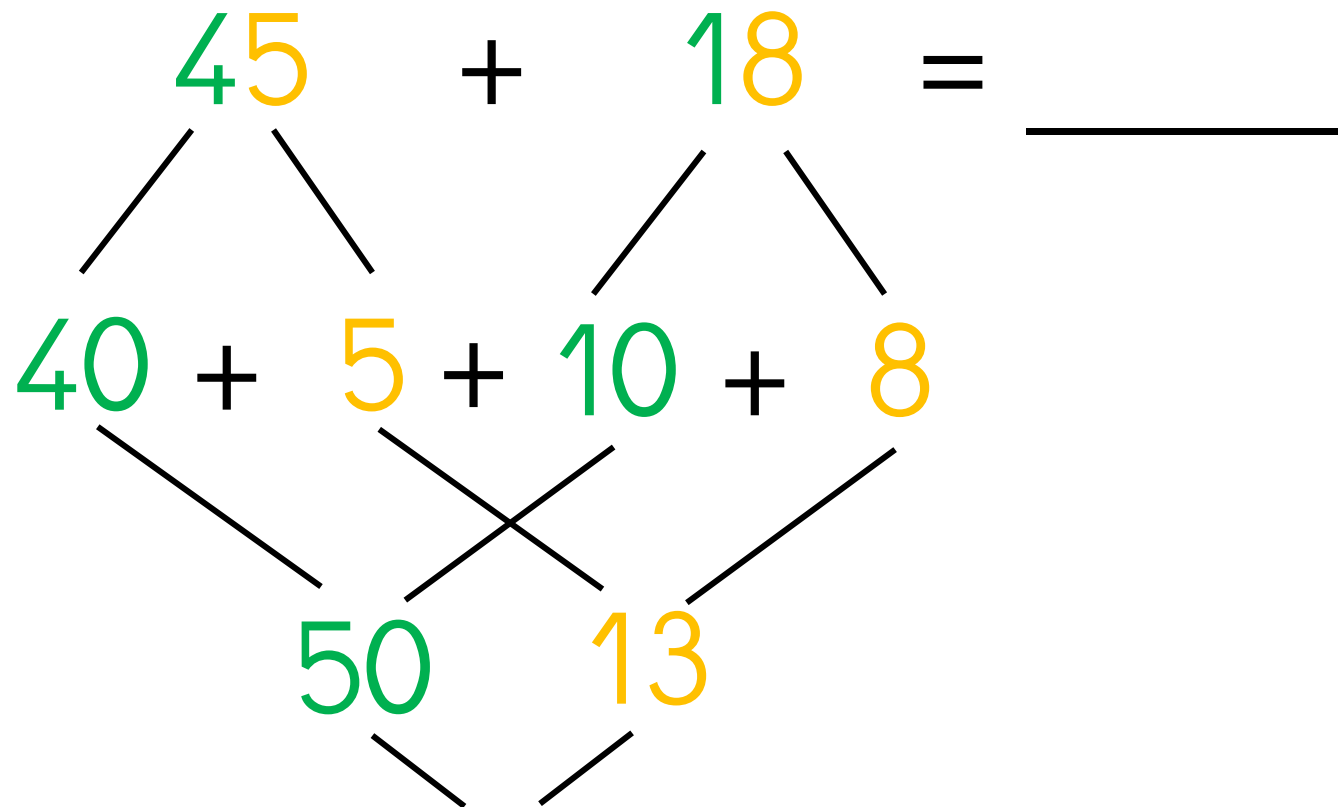


CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{rcccl} 45 & + & 18 & = & \underline{\hspace{2cm}} \\ \swarrow & & \swarrow & & \\ 40 & + & 5 & + & 10 & + & 8 \\ \swarrow & \searrow & \swarrow & \searrow & \swarrow & \searrow & \\ & 50 & & 13 & & & \end{array}$$

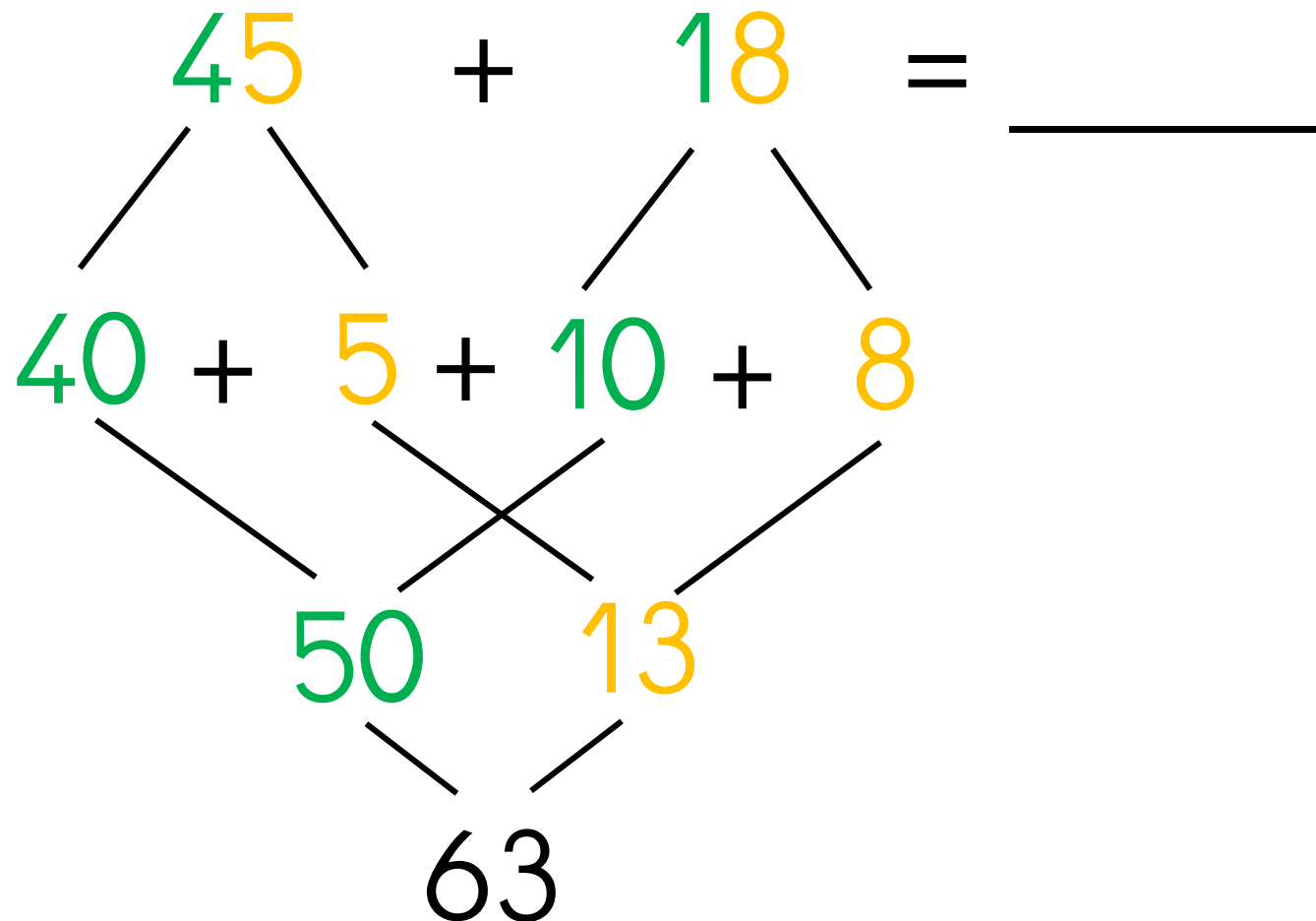


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CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{r} 45 + 18 = \underline{63} \\ \begin{array}{l} 45 \text{ se décompose en } 40 \text{ et } 5 \\ 18 \text{ se décompose en } 10 \text{ et } 8 \\ 40 + 10 = 50 \\ 5 + 8 = 13 \\ 50 + 13 = 63 \end{array} \end{array}$$



CM33: Additionner 2 nombres à 2 chiffres

$$52 + 37 = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$52 + 37 = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{r} 52 \\ \diagdown \quad \diagup \end{array} + 37 = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{r} 52 \\ \swarrow \searrow \\ 50 + 2 \end{array} + 37 = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{r} 52 \\ \swarrow \searrow \\ 50 + 2 \end{array} + 37 = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{r} 52 \\ \swarrow \searrow \\ 50 + 2 \end{array} + \begin{array}{r} 37 \\ \swarrow \searrow \\ 30 + 7 \end{array} = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{r} 52 \\ \swarrow \searrow \\ 50 + 2 \end{array} + \begin{array}{r} 37 \\ \swarrow \searrow \\ 30 + 7 \end{array} = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{rcccl} 52 & + & 37 & = & \underline{\hspace{2cm}} \\ \swarrow & & \swarrow & & \\ 50 & + & 2 & + & 30 & + & 7 \end{array}$$

Diagram illustrating the addition of 52 and 37 using the decomposition method (place value strategy). The number 52 is decomposed into 50 and 2. The number 37 is decomposed into 30 and 7. The partial sums are then added: 50 + 2 + 30 + 7.



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{rcccl} 52 & + & 37 & = & \underline{\hspace{2cm}} \\ \swarrow & & \swarrow & & \\ 50 & + & 2 & + & 30 & + & 7 \\ \swarrow & & \swarrow & & & & \\ & 80 & & & & & \end{array}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{rcccl} 52 & + & 37 & = & \underline{\hspace{2cm}} \\ \swarrow & & \swarrow & & \\ 50 & + & 2 & + & 30 & + & 7 \\ \swarrow & \searrow & \swarrow & \searrow & \swarrow & \searrow & \\ & 80 & & & & & \end{array}$$

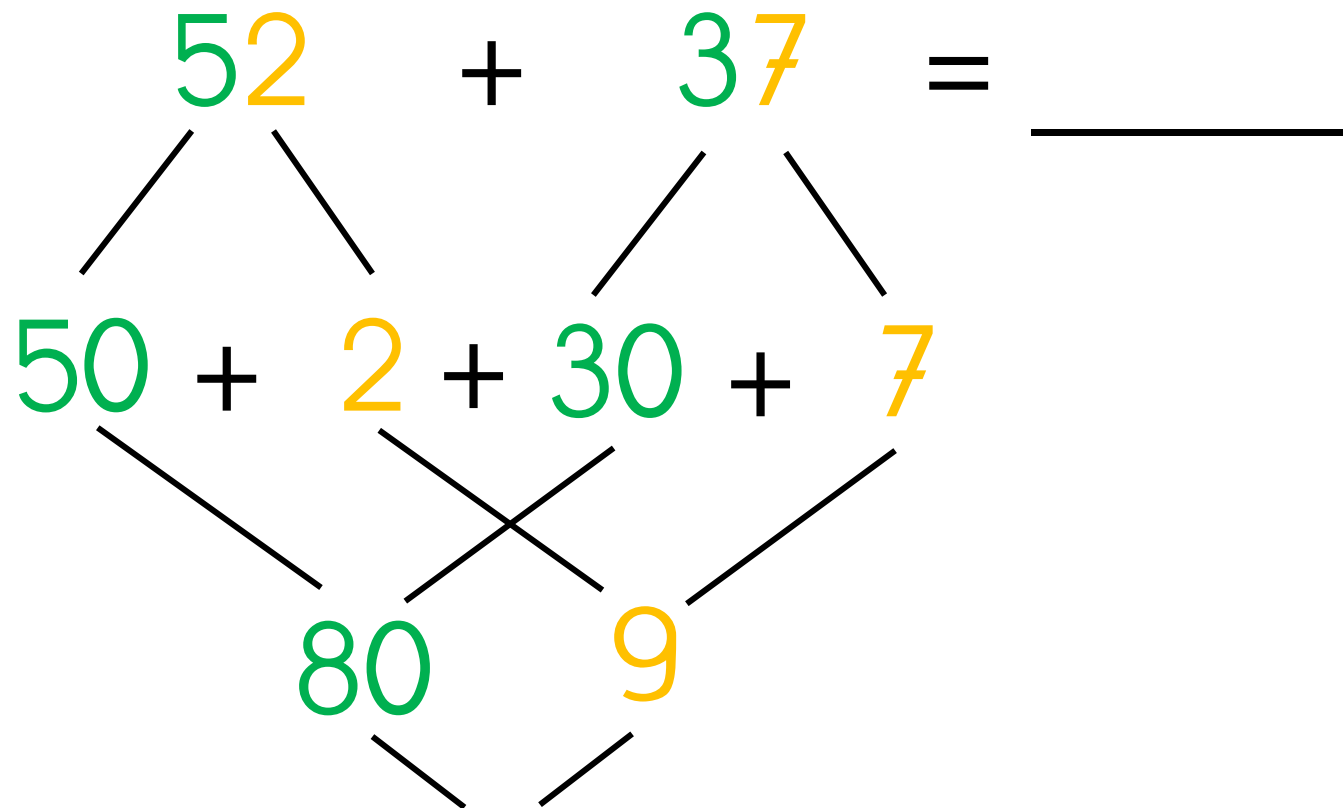


CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{rcccl} 52 & + & 37 & = & \underline{\hspace{2cm}} \\ \swarrow & & \swarrow & & \\ 50 & + & 2 & + & 30 & + & 7 \\ \swarrow & \searrow & \swarrow & \searrow & & \\ 80 & & 9 & & & \end{array}$$

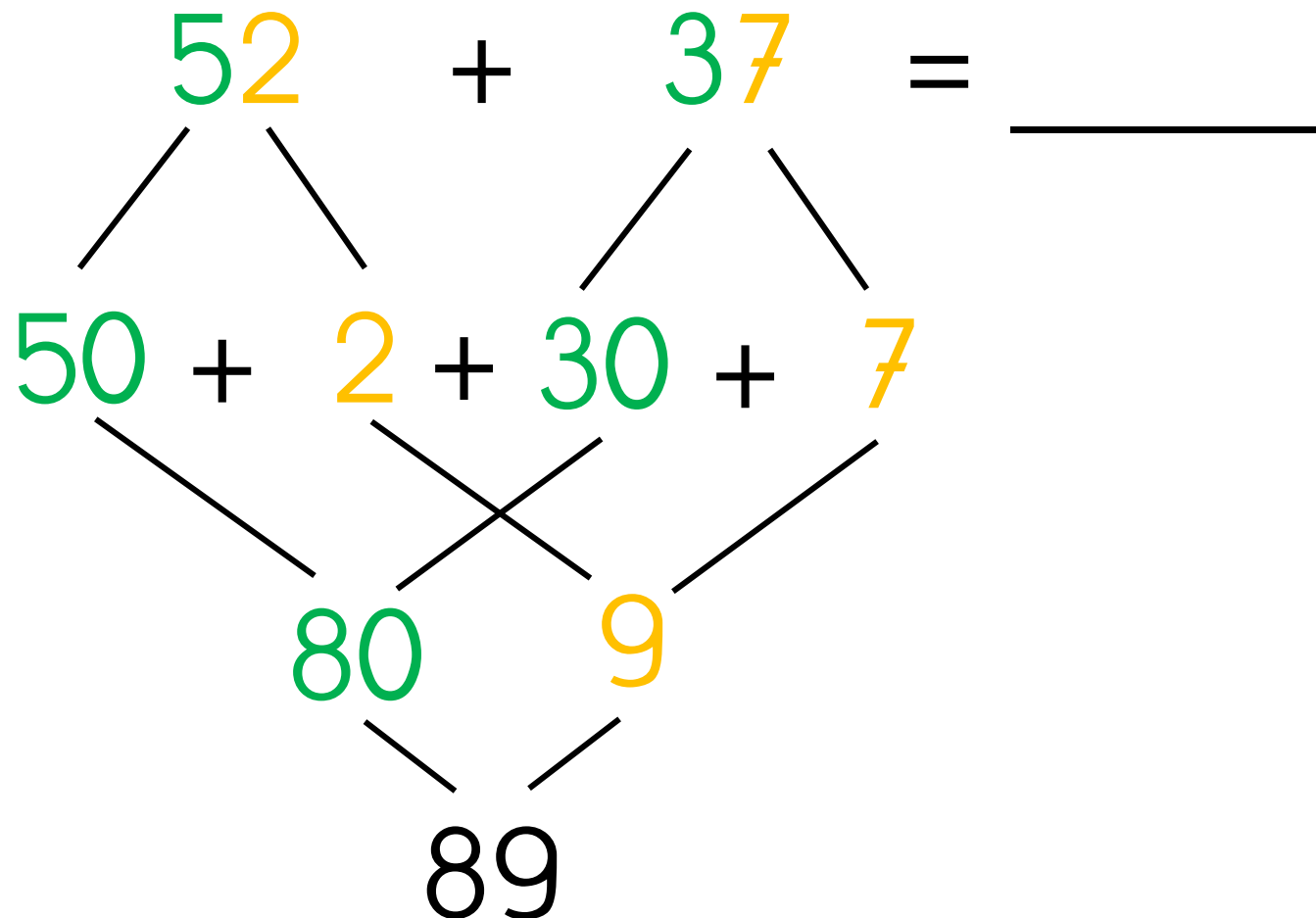


CM33: Additionner 2 nombres à 2 chiffres





CM33: Additionner 2 nombres à 2 chiffres





CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{r} 52 + 37 = \underline{89} \\ \begin{array}{l} \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ 50 + 2 + 30 + 7 \\ \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ 80 \quad 9 \\ \swarrow \quad \searrow \\ 89 \end{array} \end{array}$$



CM33: Additionner 2 nombres à 2 chiffres

$$23 + 67 = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$23 + 67 = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{r} 23 \\ \diagdown \quad \diagup \end{array} + 67 = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{r} 23 \\ \swarrow \searrow \\ 20 + 3 \end{array} + 67 = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{r} 23 \\ \swarrow \searrow \\ 20 + 3 \end{array} + 67 = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{r} 23 \\ \swarrow \searrow \\ 20 + 3 \end{array} + \begin{array}{r} 67 \\ \swarrow \searrow \\ 60 + 7 \end{array} = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{r} 23 \\ \swarrow \searrow \\ 20 + 3 \end{array} + \begin{array}{r} 67 \\ \swarrow \searrow \\ 60 + 7 \end{array} = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{rcccl} 23 & + & 67 & = & \underline{\hspace{2cm}} \\ \swarrow & & \swarrow & & \\ 20 & + & 3 & + & 60 & + & 7 \end{array}$$

Diagram illustrating the addition of two two-digit numbers (23 + 67) using the decomposition method. The numbers are broken down into tens and ones: 23 is decomposed into 20 and 3, and 67 is decomposed into 60 and 7. The tens are added together (20 + 60) and the ones are added together (3 + 7), with lines indicating the grouping of the tens and ones components.



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{rcccl} 23 & + & 67 & = & \underline{\hspace{2cm}} \\ \swarrow & & \swarrow & & \\ 20 & + & 3 & + & 60 & + & 7 \\ \swarrow & & \swarrow & & & & \\ & 80 & & & & & \end{array}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{rcccl} 23 & + & 67 & = & \underline{\hspace{2cm}} \\ \swarrow & & \swarrow & & \\ 20 & + & 3 & + & 60 & + & 7 \\ \swarrow & \searrow & \swarrow & \searrow & \swarrow & \searrow & \\ & 80 & & & & & \end{array}$$

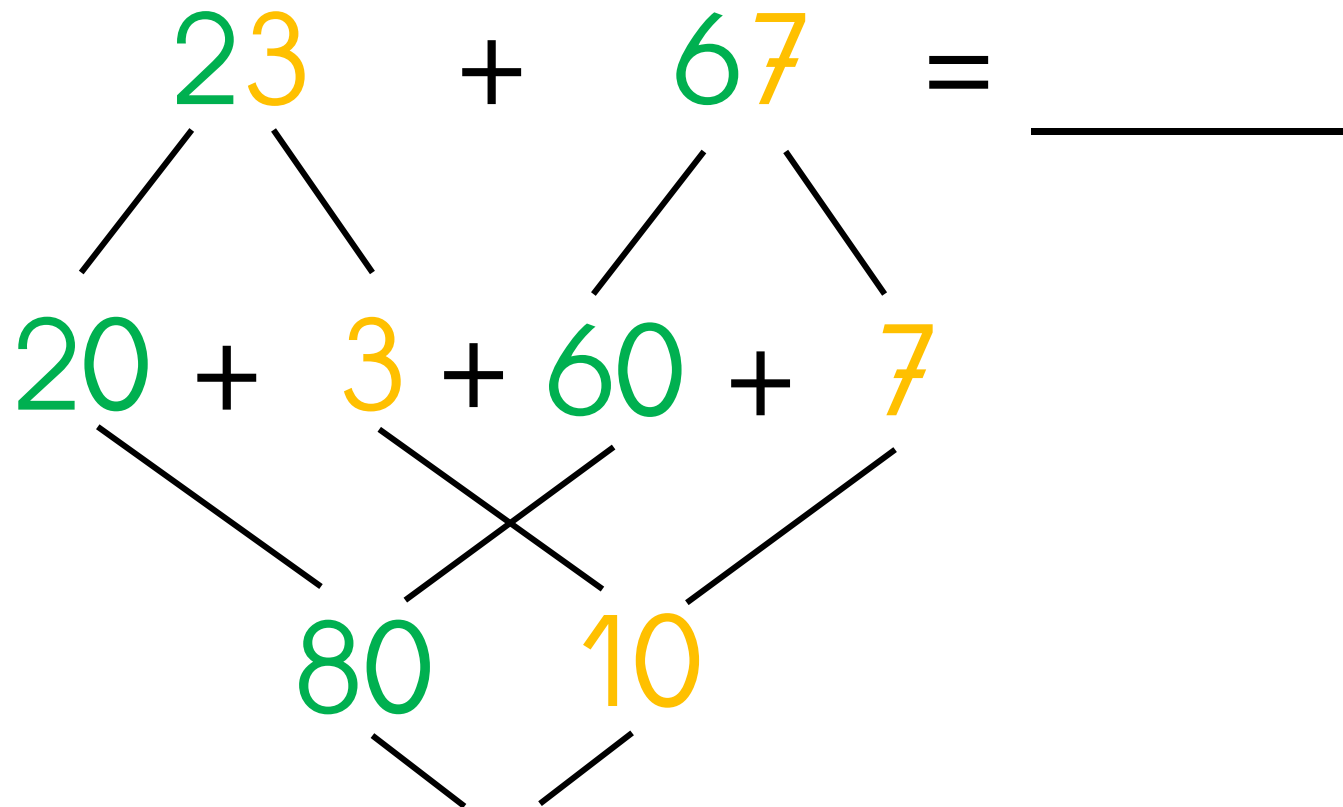


CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{rcccl} 23 & + & 67 & = & \underline{\hspace{2cm}} \\ \swarrow & & \swarrow & & \\ 20 & + & 3 & + & 60 & + & 7 \\ \swarrow & \searrow & \swarrow & \searrow & \swarrow & \searrow & \\ 80 & & 10 & & & & \end{array}$$

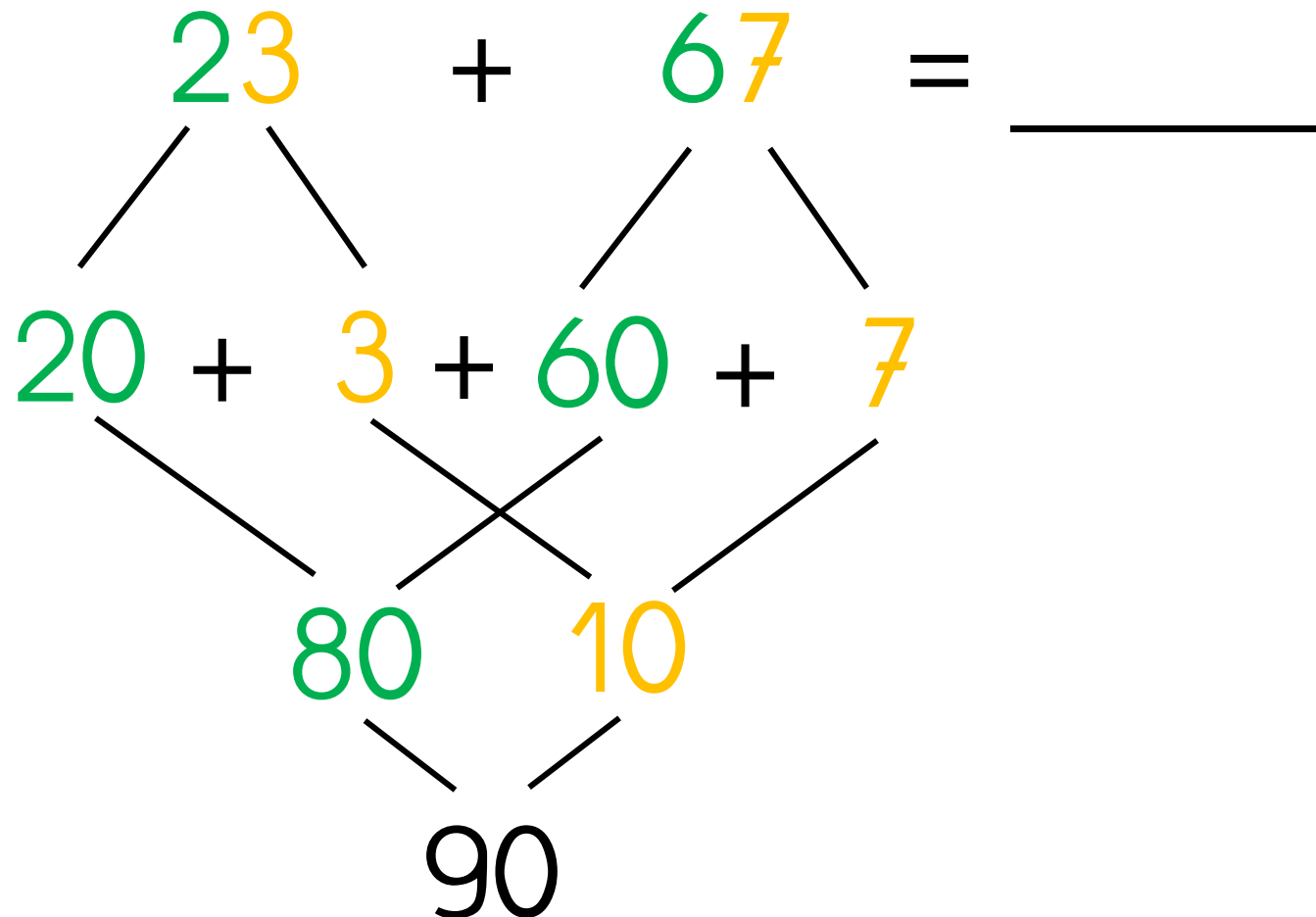


CM33: Additionner 2 nombres à 2 chiffres





CM33: Additionner 2 nombres à 2 chiffres





CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{r} 23 + 67 = \underline{90} \\ \begin{array}{l} \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ 20 + 3 + 60 + 7 \\ \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ 80 \quad 10 \\ \swarrow \quad \searrow \\ 90 \end{array} \end{array}$$



CM33: Additionner 2 nombres à 2 chiffres

$$68 + 26 = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$68 + 26 = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{cc} 6 & 8 \\ \diagdown & \diagup \\ & \end{array} + 26 = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{r} 68 \\ \swarrow \searrow \\ 60 + 8 \end{array} + 26 = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{r} 68 \\ \swarrow \searrow \\ 60 + 8 \end{array} + 26 = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{r} 68 \\ \swarrow \searrow \\ 60 + 8 \end{array} + \begin{array}{r} 26 \\ \swarrow \searrow \\ 20 + 6 \end{array} = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{r} 68 \\ \swarrow \searrow \\ 60 + 8 \end{array} + \begin{array}{r} 26 \\ \swarrow \searrow \\ 20 + 6 \end{array} = \underline{\hspace{2cm}}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{rcccl} 68 & + & 26 & = & \underline{\hspace{2cm}} \\ \swarrow & & \swarrow & & \\ 60 & + & 8 & + & 20 & + & 6 \end{array}$$

Diagram illustrating the addition of two two-digit numbers (68 + 26) using a decomposition method. The number 68 is decomposed into 60 and 8. The number 26 is decomposed into 20 and 6. The partial sums are then added: 60 + 8 + 20 + 6.



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{c} 68 + 26 = \underline{\hspace{2cm}} \\ \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ 60 + 8 + 20 + 6 \\ \swarrow \quad \searrow \\ 80 \end{array}$$



CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{rcccl} 68 & + & 26 & = & \underline{\hspace{2cm}} \\ \swarrow & & \swarrow & & \\ 60 & + & 8 & + & 20 & + & 6 \\ \swarrow & \searrow & \swarrow & \searrow & \swarrow & \searrow & \\ & 80 & & & & & \end{array}$$

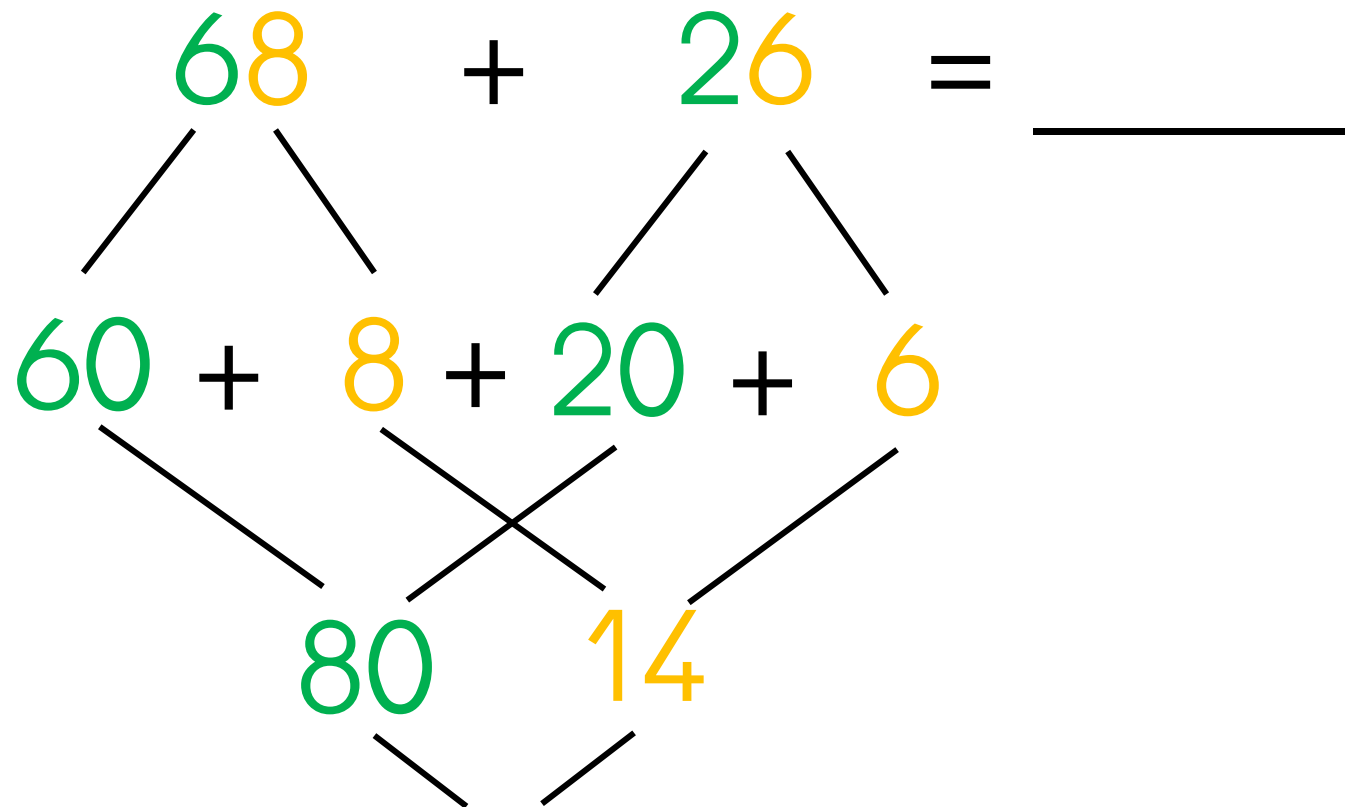


CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{rcccl} 68 & + & 26 & = & \underline{\hspace{2cm}} \\ \swarrow & & \swarrow & & \\ 60 & + & 8 & + & 20 & + & 6 \\ \swarrow & \searrow & \swarrow & \searrow & \swarrow & \searrow & \\ & 80 & & 14 & & & \end{array}$$

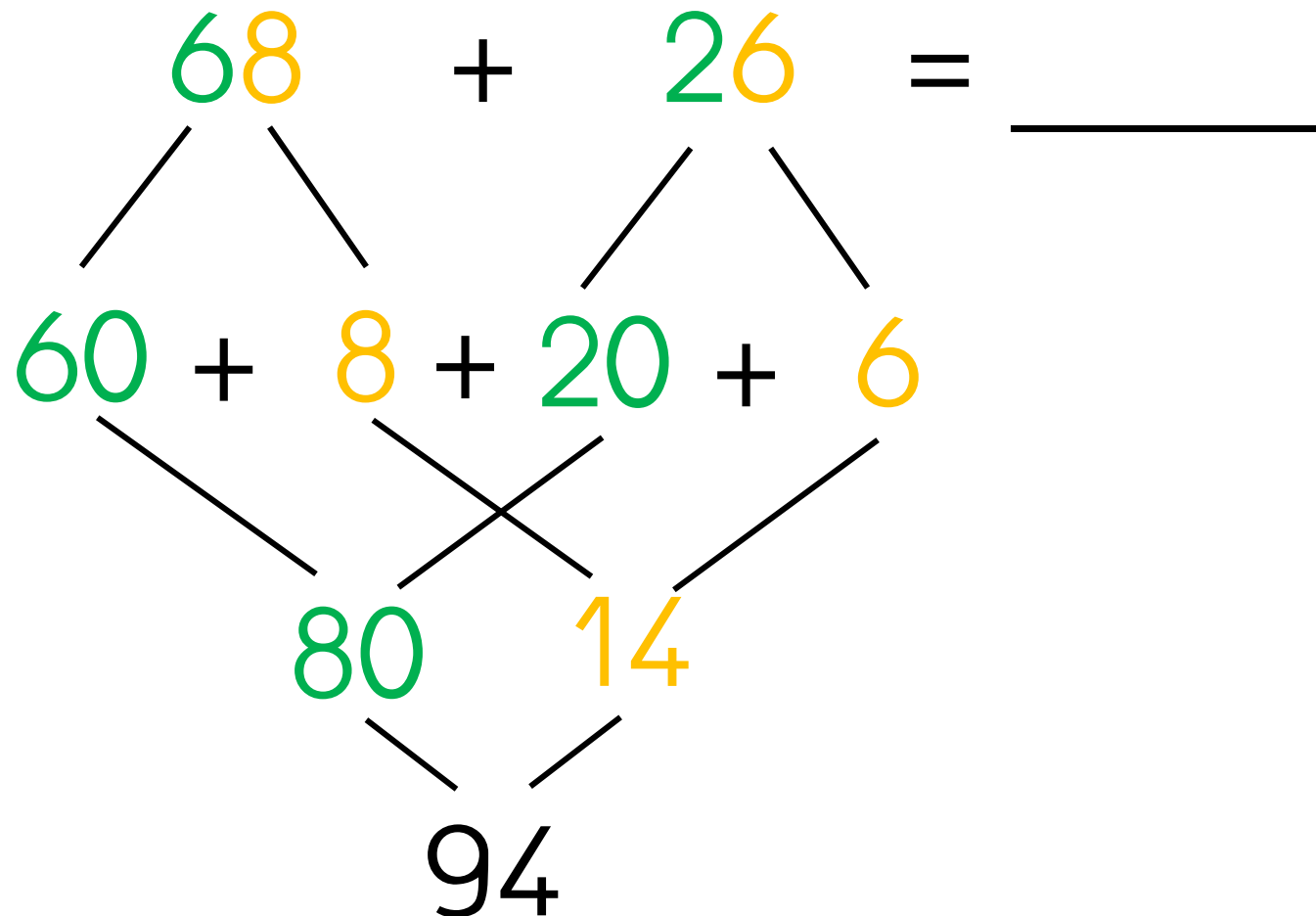


CM33: Additionner 2 nombres à 2 chiffres





CM33: Additionner 2 nombres à 2 chiffres





CM33: Additionner 2 nombres à 2 chiffres

$$\begin{array}{r} 68 + 26 = \underline{94} \\ \begin{array}{l} \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ 60 + 8 + 20 + 6 \\ \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ 80 \quad 14 \\ \swarrow \quad \searrow \\ 94 \end{array} \end{array}$$