



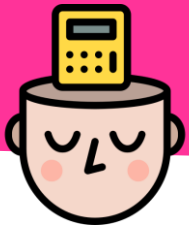
CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

$$\begin{array}{c} 36 \\ \diagdown \quad \diagup \end{array} + 23 = \underline{\hspace{2cm}}$$



CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

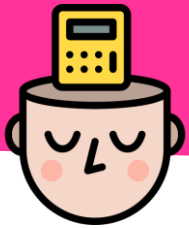
$$\begin{array}{r} 36 \\ \swarrow \searrow \\ 30 + 6 \end{array} + \begin{array}{r} 23 \\ \swarrow \searrow \\ 20 + 3 \end{array} = \underline{\hspace{2cm}}$$



CM15: Additionner 2 nombres inférieurs à 100

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

Diagram illustrating the addition of 36 and 23 using place value decomposition. 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 they are to be added together to find the total.



CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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

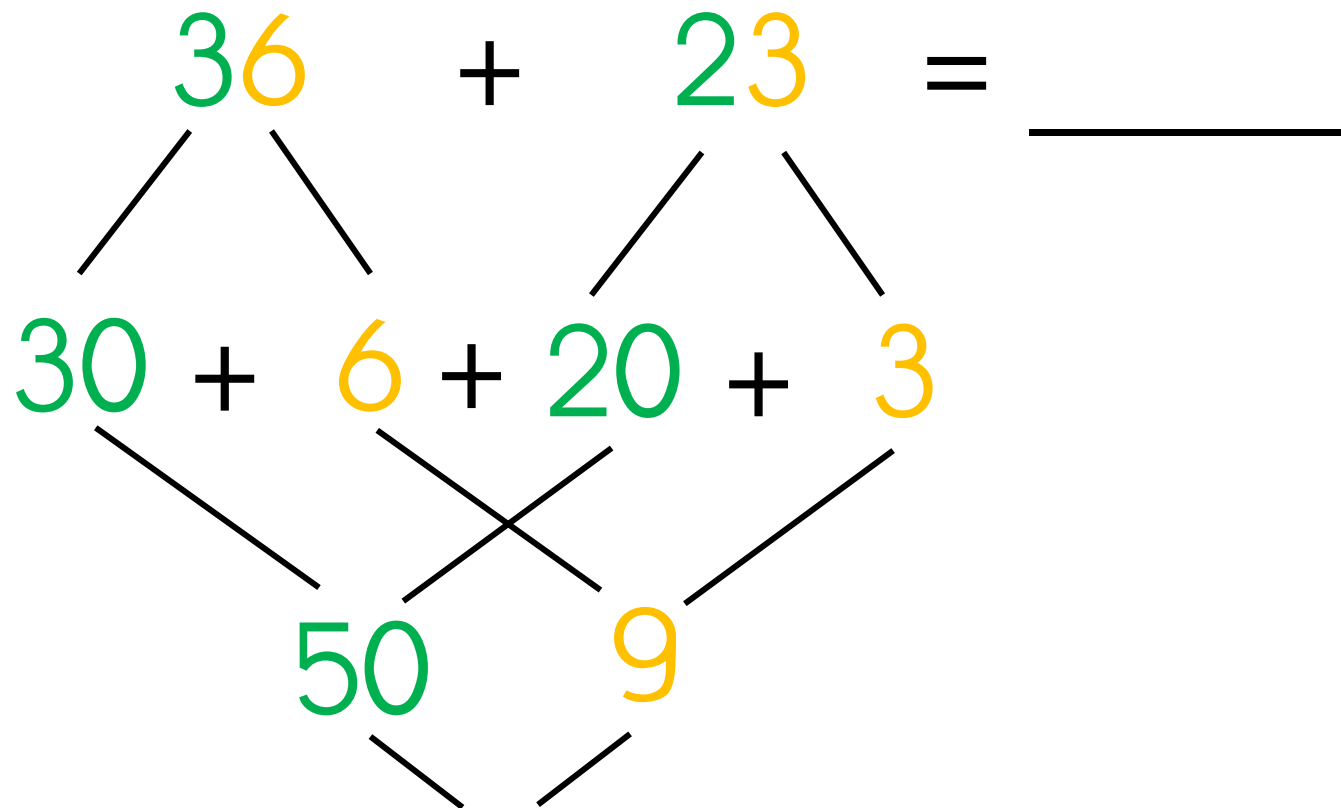


CM15: Additionner 2 nombres inférieurs à 100

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

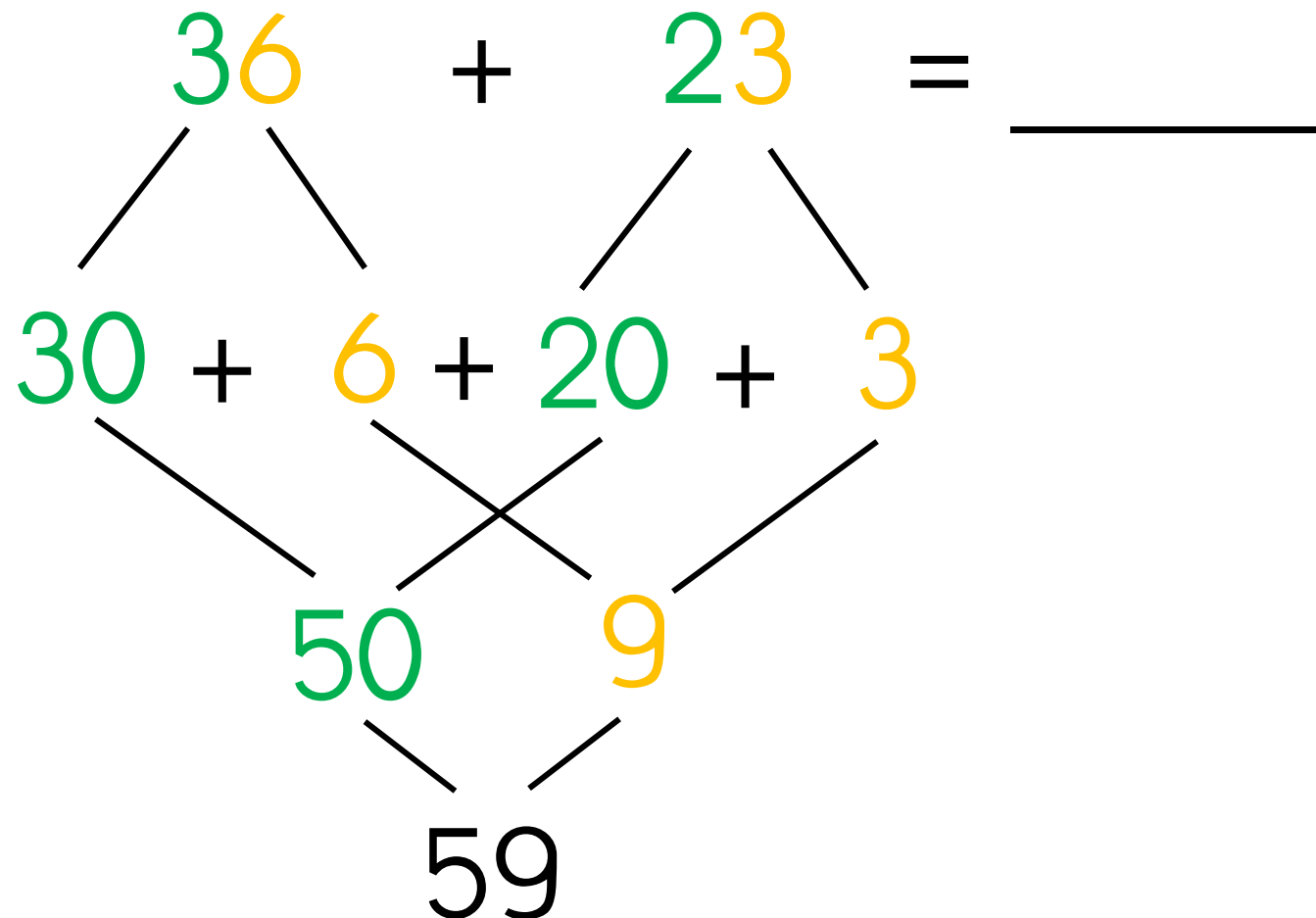


CM15: Additionner 2 nombres inférieurs à 100





CM15: Additionner 2 nombres inférieurs à 100





CM15: Additionner 2 nombres inférieurs à 100

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



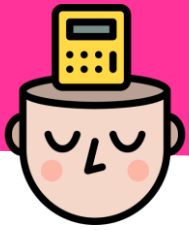
CM15: Additionner 2 nombres inférieurs à 100

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



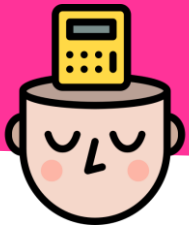
CM15: Additionner 2 nombres inférieurs à 100

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



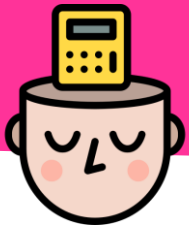
CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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



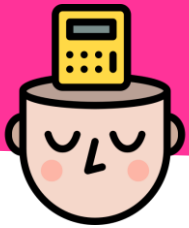
CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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

Diagram illustrating the addition of 45 and 18 using the decomposition method (front-end strategy). The number 45 is decomposed into 40 and 5. The number 18 is decomposed into 10 and 8. The addition is 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.



CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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

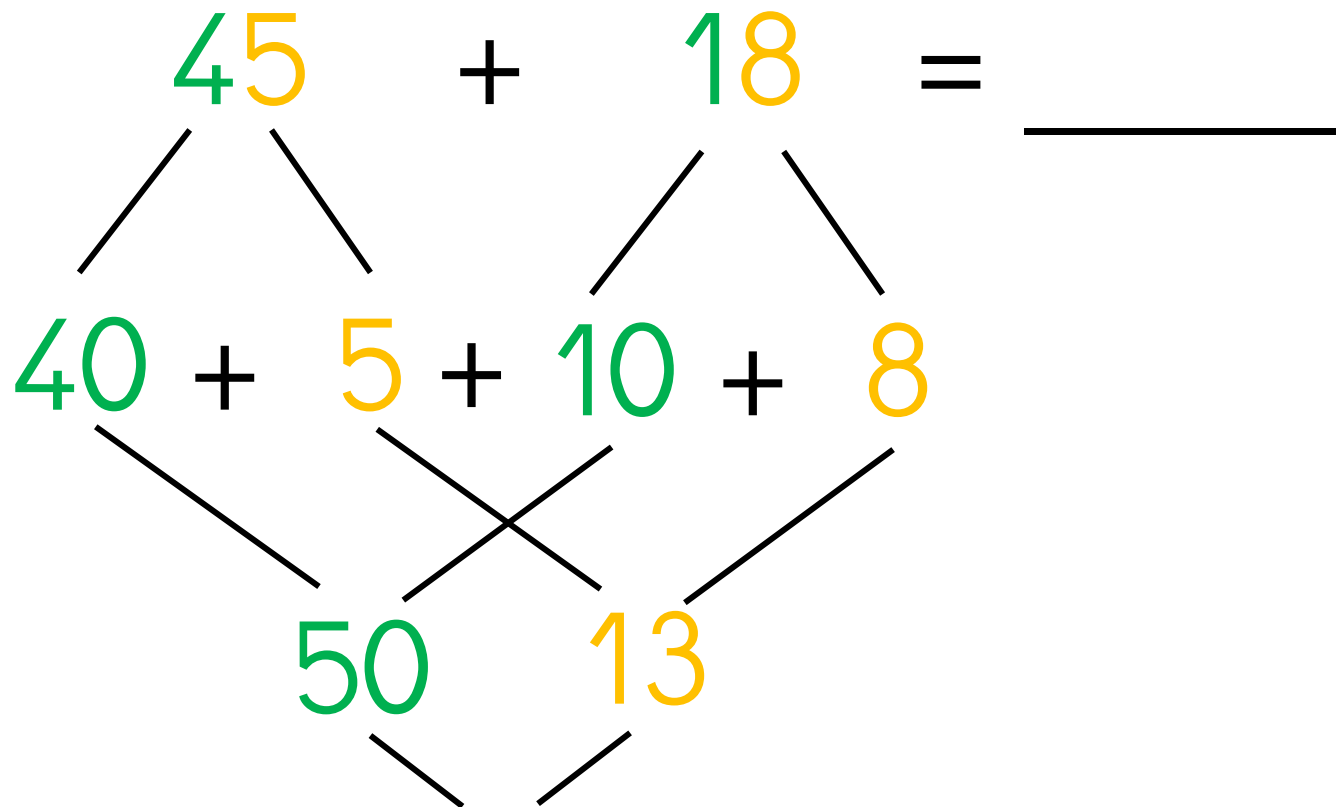


CM15: Additionner 2 nombres inférieurs à 100

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

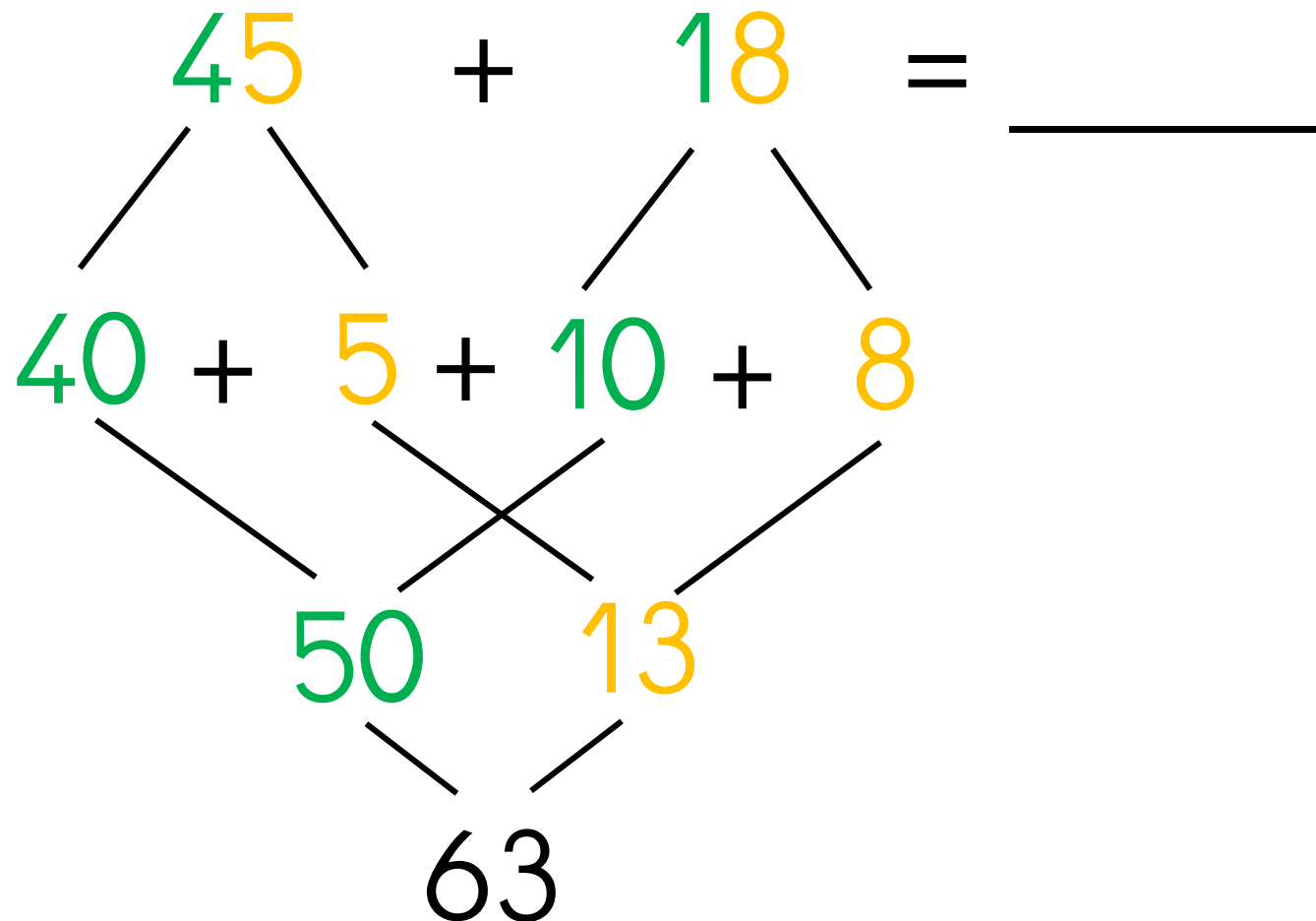


CM15: Additionner 2 nombres inférieurs à 100





CM15: Additionner 2 nombres inférieurs à 100





CM15: Additionner 2 nombres inférieurs à 100

$$\begin{array}{r} 45 + 18 = \underline{63} \\ \begin{array}{l} \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ 40 + 5 + 10 + 8 \\ \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ 50 \quad 13 \\ \swarrow \quad \searrow \\ 63 \end{array} \end{array}$$



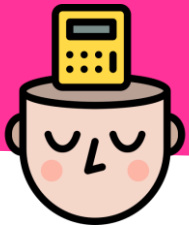
CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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

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.



CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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

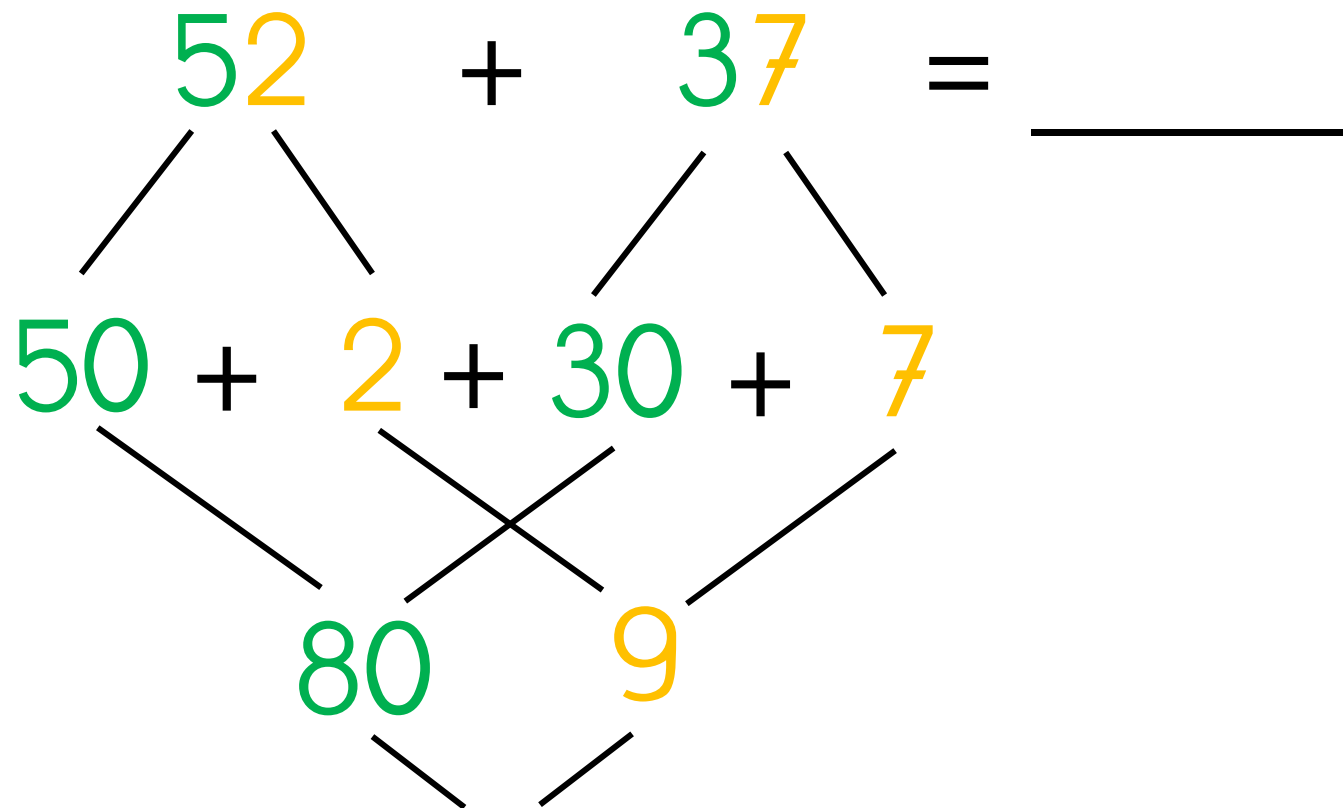


CM15: Additionner 2 nombres inférieurs à 100

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

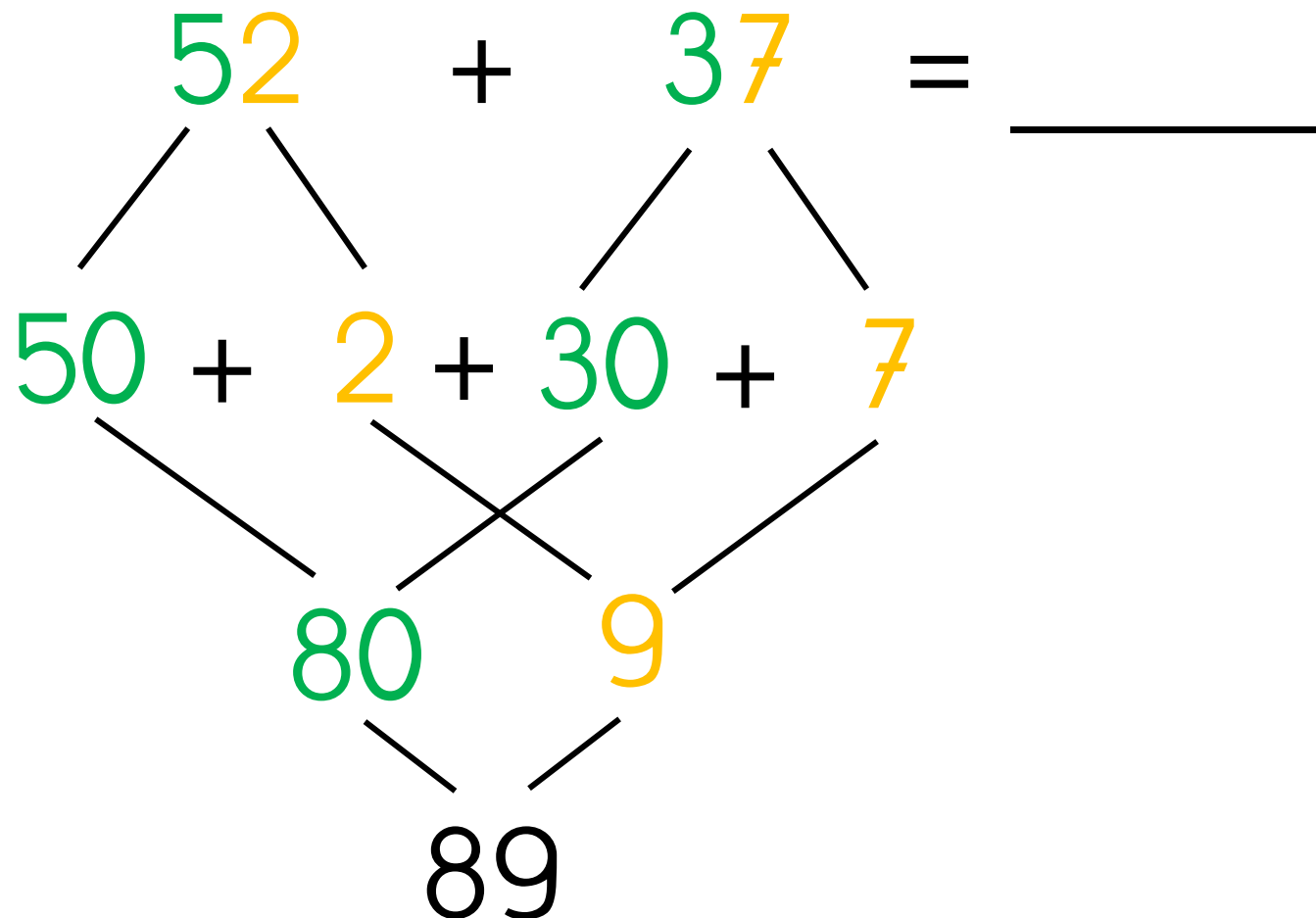


CM15: Additionner 2 nombres inférieurs à 100





CM15: Additionner 2 nombres inférieurs à 100





CM15: Additionner 2 nombres inférieurs à 100

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



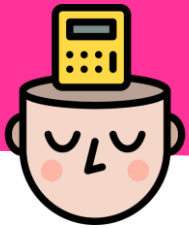
CM15: Additionner 2 nombres inférieurs à 100

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



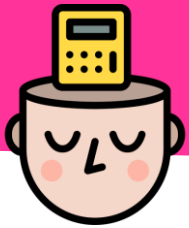
CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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



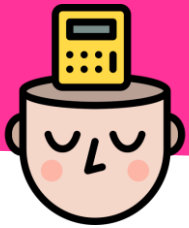
CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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

The diagram illustrates the addition of two numbers, 23 and 67, using a decomposition method. The number 23 is decomposed into 20 and 3, and the number 67 is decomposed into 60 and 7. The resulting expression is $20 + 3 + 60 + 7$, which is then grouped into two pairs: $(20 + 60)$ and $(3 + 7)$, as indicated by the lines connecting the terms.



CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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

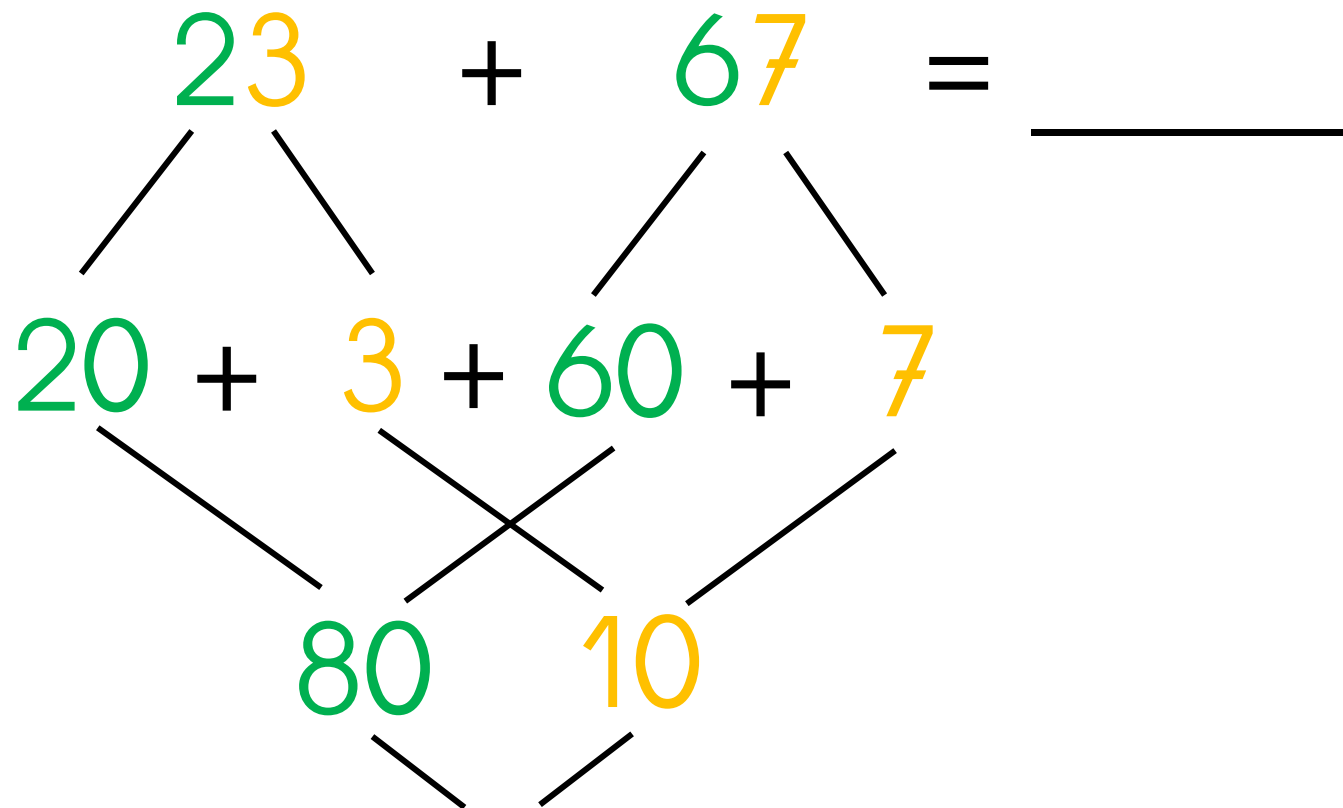


CM15: Additionner 2 nombres inférieurs à 100

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

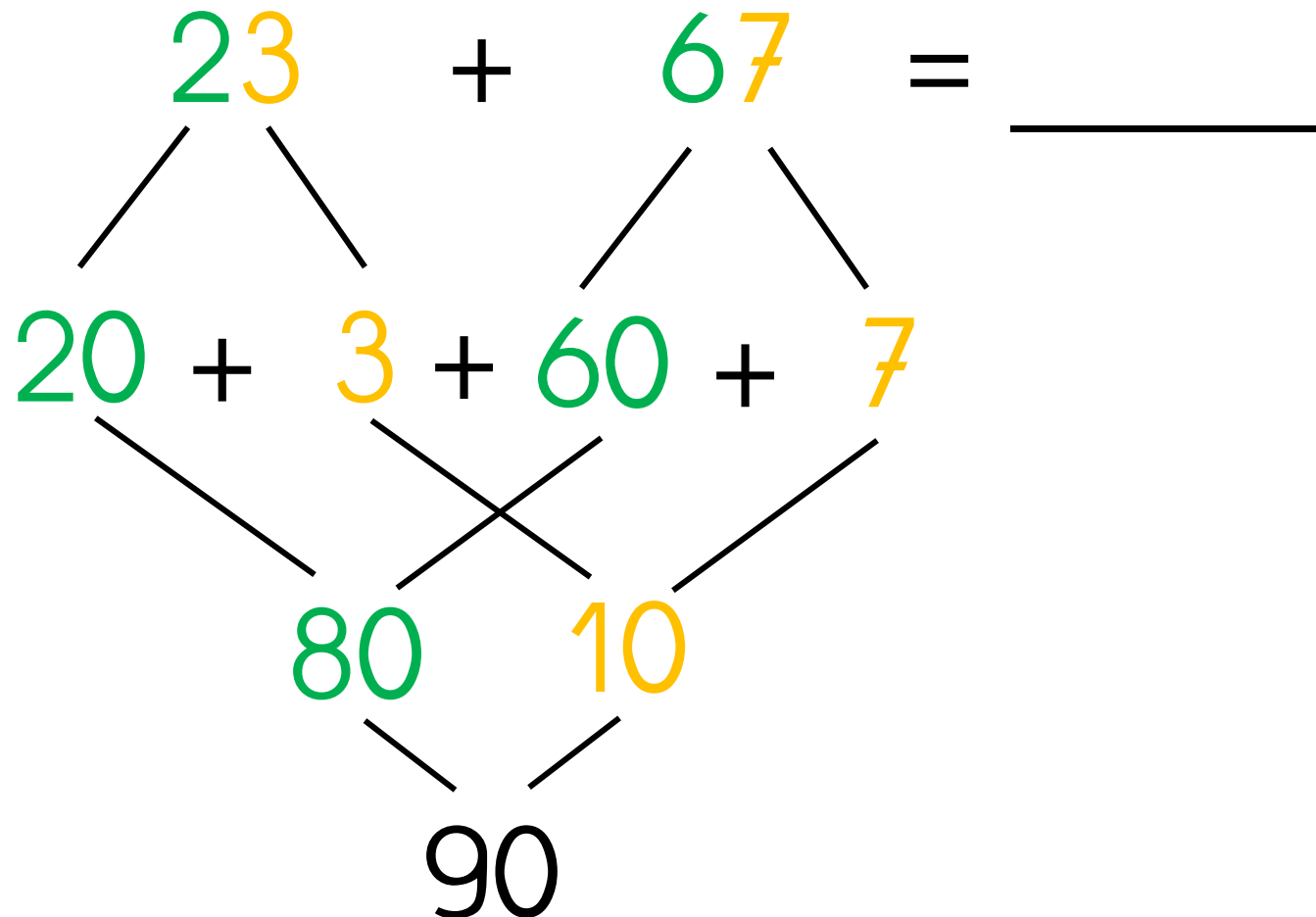


CM15: Additionner 2 nombres inférieurs à 100





CM15: Additionner 2 nombres inférieurs à 100





CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

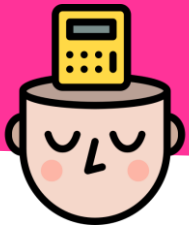
$$\begin{array}{r} 68 \\ \swarrow \searrow \\ 60 + 8 \end{array} + \begin{array}{r} 26 \\ \swarrow \searrow \\ 20 + 6 \end{array} = \underline{\hspace{2cm}}$$



CM15: Additionner 2 nombres inférieurs à 100

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

Diagram illustrating the addition of 68 and 26 using place value decomposition. The number 68 is decomposed into 60 and 8. The number 26 is decomposed into 20 and 6. The partial sums 60, 8, 20, and 6 are shown below, with lines indicating they will be combined to find the final sum.



CM15: Additionner 2 nombres inférieurs à 100

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



CM15: Additionner 2 nombres inférieurs à 100

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

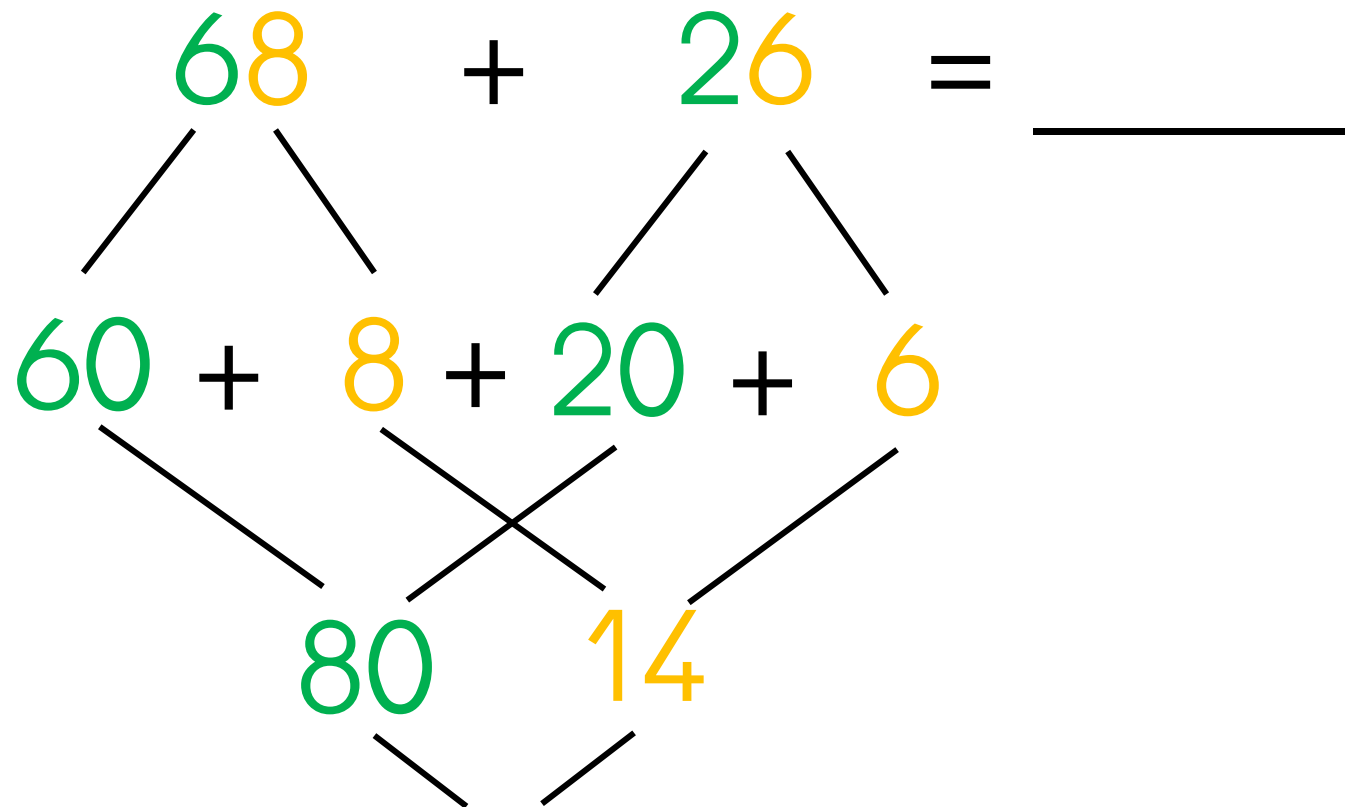


CM15: Additionner 2 nombres inférieurs à 100

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

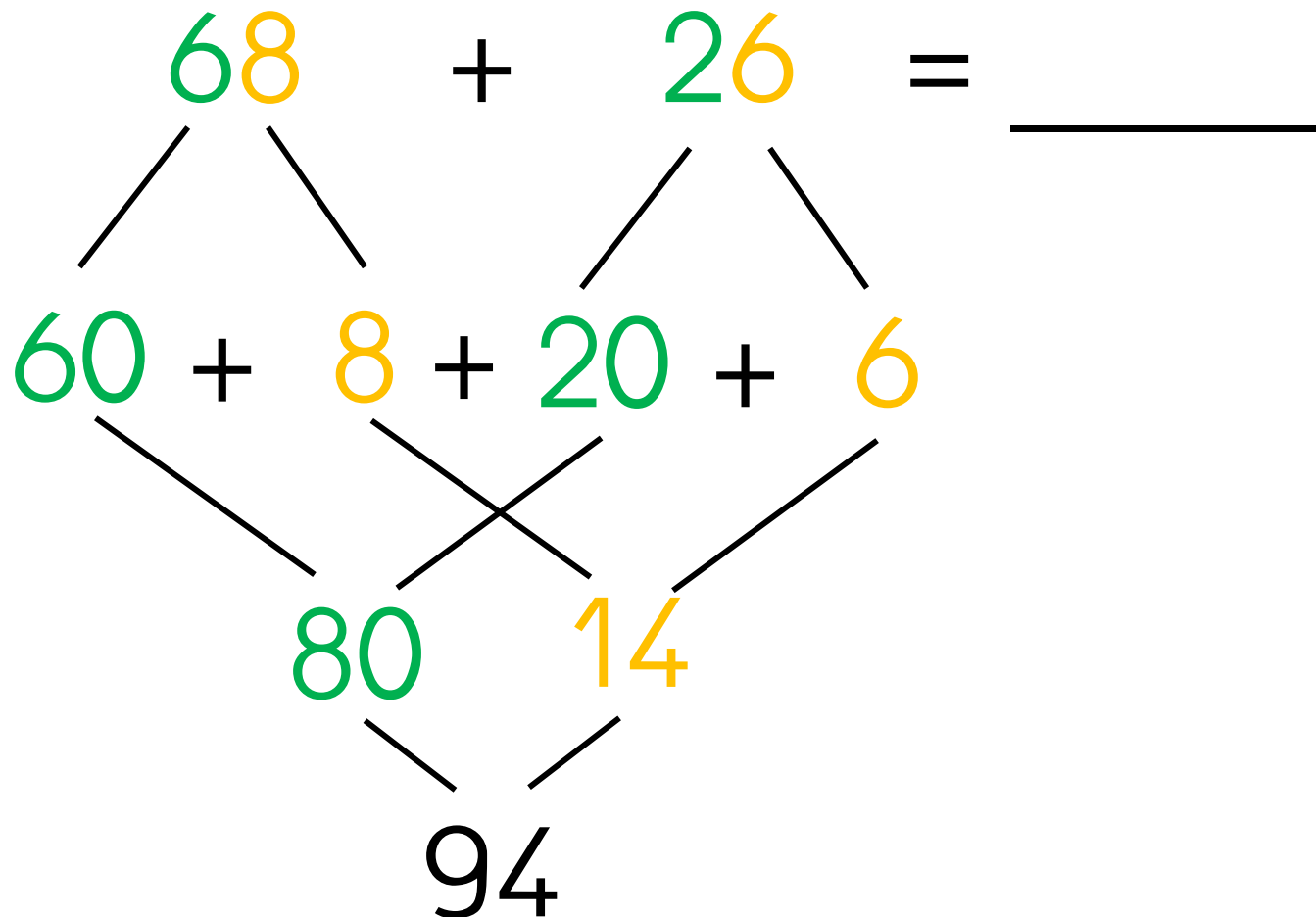


CM15: Additionner 2 nombres inférieurs à 100





CM15: Additionner 2 nombres inférieurs à 100





CM15: Additionner 2 nombres inférieurs à 100

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