

01.10.2021

LO: To find the missing numbers in formal written addition

Vocabulary:

ones

tens

hundreds

thousands

equal

addition

subtraction

column

addend

sum

minuend

subtrahend

difference

inverse

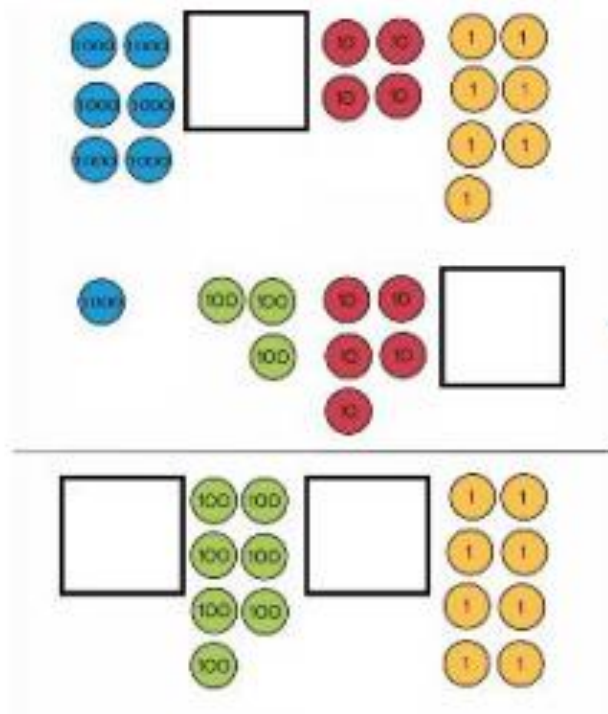
commutative

regrouping



Think about the learning we have done this week...

$$\begin{array}{r}
 6 \quad \square \quad 4 \quad 7 \\
 + 1 \quad 3 \quad 5 \quad \square \\
 \hline
 \square \quad 7 \quad \square \quad 8
 \end{array}$$



How can we find the missing numbers?

Explore with one regroup – allow pupils to explore using base-10.

$$\begin{array}{r} 6 4 \square 7 \\ + 1 3 5 \square \\ \hline 7 8 1 8 \end{array}$$

**How does this sum differ from the one above?
How can we find the missing numbers?**

Explore with two regroupings – encourage pupils to explain their thinking using base-10 or place value counters and pictorial representations.

$$\begin{array}{r} + \quad 6 \quad 4 \quad \square \quad 7 \\ \quad 1 \quad 5 \quad 5 \quad \square \\ \hline \square \quad 0 \quad 1 \quad 8 \end{array}$$

**How does this sum differ from the one above?
How can we find the missing numbers?**

Present pupils with a range of calculations to practice with including:

$$\begin{array}{rcccc} & \square & 4 & \square & 2 \\ + & 2 & 6 & 3 & \square \\ \hline & 7 & 1 & 2 & 7 \\ \hline \end{array}$$