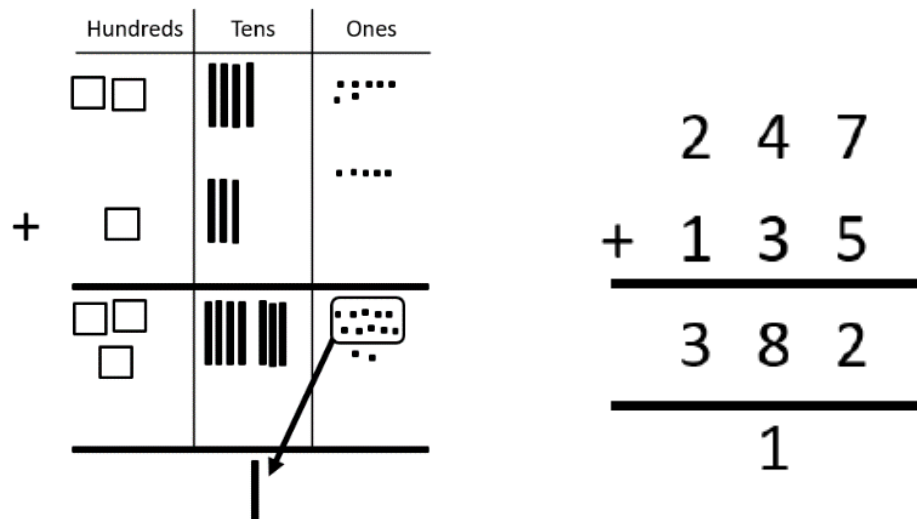


WORKED EXAMPLE



- I know that *the sum of 7 ones and 5 ones is 12 ones.*
- I have noticed that *12 ones has been regrouped into 1 ten and 2 ones.*
- I have noticed that *1 ten has been added to the sum of 4 tens and 3 tens. That is 8 tens in total.*

hundreds	tens	ones	regroup	sum	added	total
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REHEARSE

Complete the speaking frame for this calculation for $142 + 334$:

$$\begin{array}{r} 142 \\ + 334 \\ \hline 476 \end{array}$$

The sum of ____ ones and ____ ones is ____ ones.

The sum of ____ tens and ____ tens is ____ tens.

The sum of ____ hundreds and ____ hundreds is ____ hundreds.

Complete the calculation and speaking frame for $546 + 323$:

The sum of 6 ones and 3 ones is 9 ones.

The sum of 4 tens and 2 tens is ____ tens.

The sum of 5 hundreds and 3 hundreds is ____ hundreds.

Complete the calculation and speaking frame for $437 + 248$:

The sum of 7 ones and 8 ones is ____ ones.

____ ones can be regrouped into ____ ten and ____ ones.

The sum of 3 tens and 4 tens and the regrouped ten is ____ tens.

The sum of 4 hundreds and 2 hundreds is ____ hundreds.

Write a speaking frame that would go with this calculation. It has been started for you.

$$\begin{array}{r}
 276 \\
 + \quad 56 \\
 \hline
 332 \\
 \hline
 11
 \end{array}$$

*The sum of 6 ones and 6 ones is 12 ones.
12 ones can be regrouped into*

APPLY AND EXPLORE

Use formal written addition calculations to solve these problems.

$$\begin{array}{r}
 45 \\
 + \quad 2 \\
 \hline
 678
 \end{array}$$

$$122 + 324 + 105 =$$

?	
352	278

APPLY AND EXPLORE

Is it possible to create a formal written addition calculation where the sum of **ones** can be **regrouped** into **2 tens**?

Explain your ideas: