

Starter

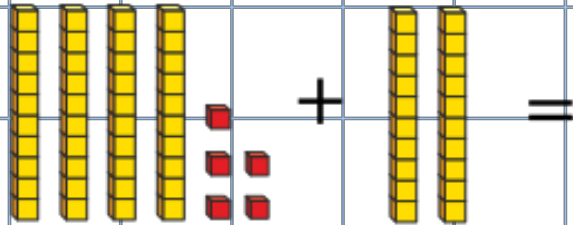
1) Write down all number bonds to 10.

2)

3)

4)

$$72 + 20 =$$



WALT: Add using the column method

This week, we will be consolidating addition and subtraction using the column method.

TTYP: What do you remember about using the column method? What are the rules? What are some things to consider when using the column method?

- Writing the digits in the correct place value column
- Calculate the ones first
- Show your exchanges everytime.
- Write down the operation. Are you adding or subtracting in your column method?

Column method

$$\begin{array}{r} 567 \\ + 199 \\ \hline 766 \end{array}$$

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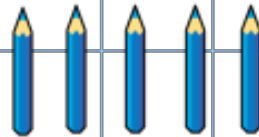
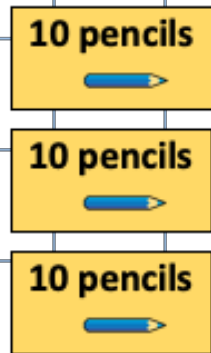
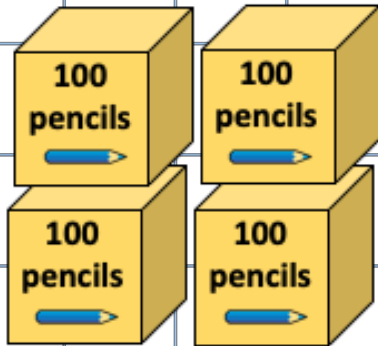
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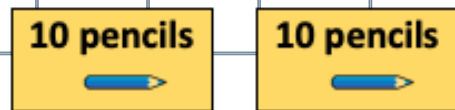
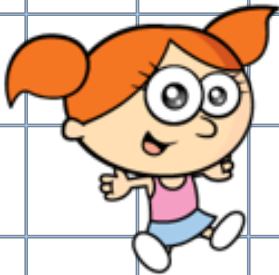
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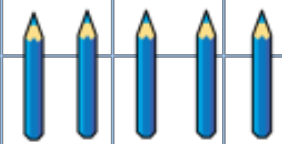
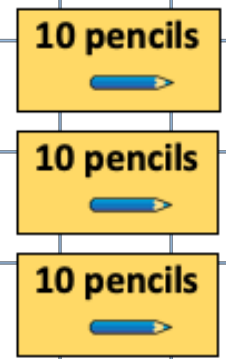
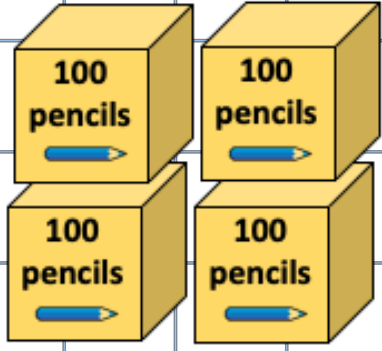
How many pencils are there altogether?



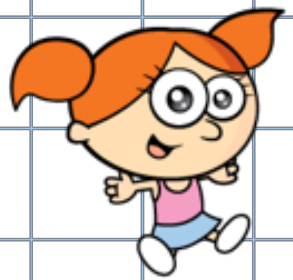
H T O



How many pencils are there altogether?



H T O



Place Value Grid

Calculation

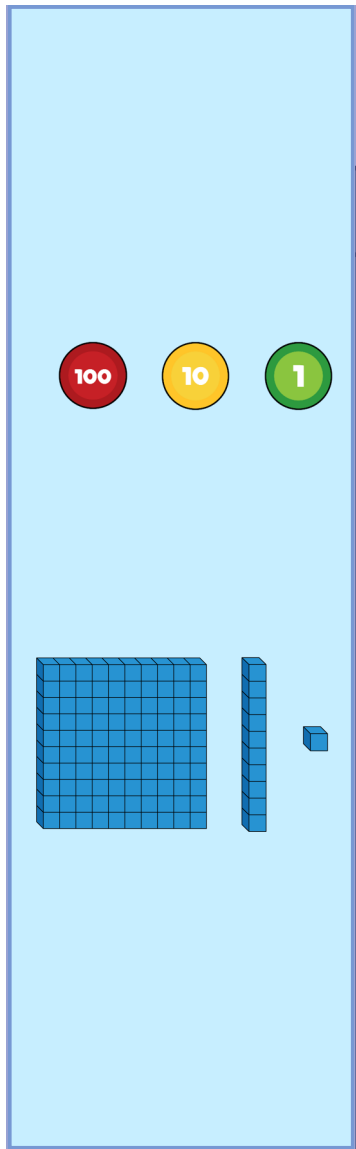
A light blue vertical box containing base ten blocks and their corresponding place value labels. At the top, there are three colored circles: a red circle with '100', a yellow circle with '10', and a green circle with '1'. Below these are the physical blocks: a large blue square representing 100 units, a vertical blue rod representing 10 units, and a small blue cube representing 1 unit.

Hundreds	Tens	Ones

$452 + 34 =$				

Place Value Grid

Calculation



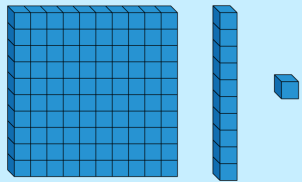
A light blue vertical box containing three circular icons at the top: a red circle with '100', a yellow circle with '10', and a green circle with '1'. Below these icons are base ten blocks: a large blue square representing 100 units, a vertical blue rod representing 10 units, and a small blue cube representing 1 unit.

Hundreds	Tens	Ones

375 + 41 =				

TTYP: What do you notice about the tens column? What do we need to do when a number crosses ten or hundred?

Add 20 to each number



$$725 \quad \xrightarrow{+ 20}$$

$$543 \quad \xrightarrow{+ 20}$$

$$886 \quad \xrightarrow{+ 20}$$

Which place value column will you be adding from?

TTYP: Which number will go in the ones place?

Explain how you know.

1) $407 + 266 =$

The answer will have a _____ in the ones place.



2) $814 + 139 =$

The answer will have a _____ in the ones place.



TTYP: Which number will go in the ones place?

Explain how you know.

$$1) 407 + 266 =$$

The answer will have a _____ in the ones place.

$$7 + 6 = 13$$

13 has 1 ten and 3 ones.

$$2) 814 + 139 =$$

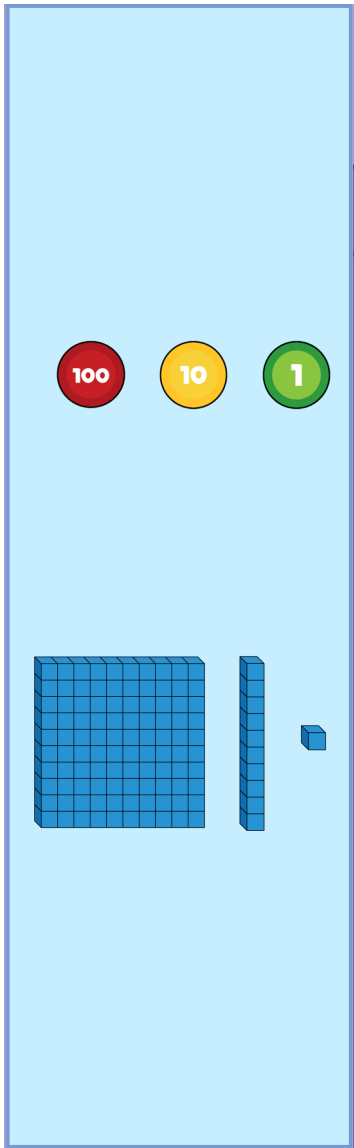
The answer will have a _____ in the ones place.

$$3 + 9 = 12$$

12 has 1 ten and 2 ones.

Place Value Grid

Calculation



Hundreds	Tens	Ones

	H	T	O		
	4		9		
+		2			
	<hr/>				
		5	2		

How would I solve this missing number problem? What number facts do I already know that will help me find the missing numbers?

Place Value Grid

Calculation

A light blue vertical box containing three circular place value cards: a red card with '100', a yellow card with '10', and a green card with '1'. Below the cards are base ten blocks: a large blue square representing 100 units, a vertical blue rod representing 10 units, and a small blue cube representing 1 unit.

Hundreds	Tens	Ones

$$358 + _0 = 3_8$$

How would I solve this missing number problem? What number facts do I already know that will help me find the missing numbers? Is there more than one possible answer?

Activity

Practise using the column method to add two and three digit numbers.

Remember:

- Write digits in the correct place value column
- Calculate from the ones first
- Show your exchanges everytime.
- Write down the operation. Are you adding or subtracting in your column method?

Column method

$$\begin{array}{r} 567 \\ + 199 \\ \hline 766 \end{array}$$

The diagram shows the column method for adding 567 and 199. The numbers are aligned by place value. A horizontal line is drawn under the ones column. Small orange '1' marks are placed above the tens and hundreds columns to indicate carrying. The result, 766, is written below the line and circled in pink.