

Maths lesson 3

11.11.20



Hello Year 3,

Your Maths lesson today is based on **adding 3 digit numbers together using column addition.**

Watch the video clip to help you (or I have included lots of information on the next few pages if you would rather.)

<https://vimeo.com/465482465>

The video talks about using the number line method too. If you find this confusing, just stop the video 😊

There are some times table and number bond questions on the first few slides like we would usually do in class.

Enjoy,

Miss Robertson x

Fill in the missing numbers:

3, 6, _____, 12, _____

30, 27, _____, 21, _____

9, _____, 15, _____, 21

12, _____, 6, _____, 0

_____, 6, _____, 12, 15

_____, 24, _____, 18, 15

18, 21, _____, _____, 30

18, 15, _____, _____, 6

_____, _____, 21, _____, 27

_____, _____, 15, _____, _____

Take your pick of which one you do (or do both if you want to.)
The green is easier than the orange 😊

Today's Tough Ten

1	$20 - 7 =$
2	$= 6 + 6$
3	$13 + 7 =$
4	$5 + 10 =$
5	$10 - 8 =$
6	$20 - 6 =$
7	$= 1 + 14$
8	$= 18 - 9$
9	$16 - 10 =$
10	$= 7 + 7$

Today's Tough Ten

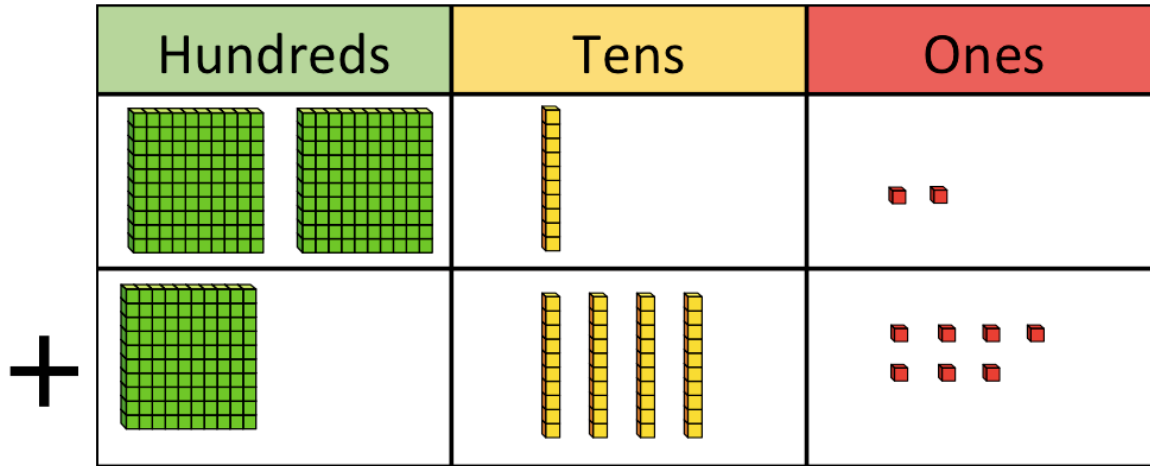
1	$4 \times 5 =$
2	$= 4 + 9$
3	$20 - 13 =$
4	$3 \times 5 =$
5	$6 + 9 + 8 =$
6	$28 = 23 +$
7	$27 + 22 =$
8	$9 \times 10 =$
9	$= 79 - 24$
10	$\frac{1}{2} \text{ of } 14 =$

1) Add 25 and 14 together.

2) $3 + 5 = 4 + \underline{\quad}$

3) Write 5 pairs of numbers that add up to 9

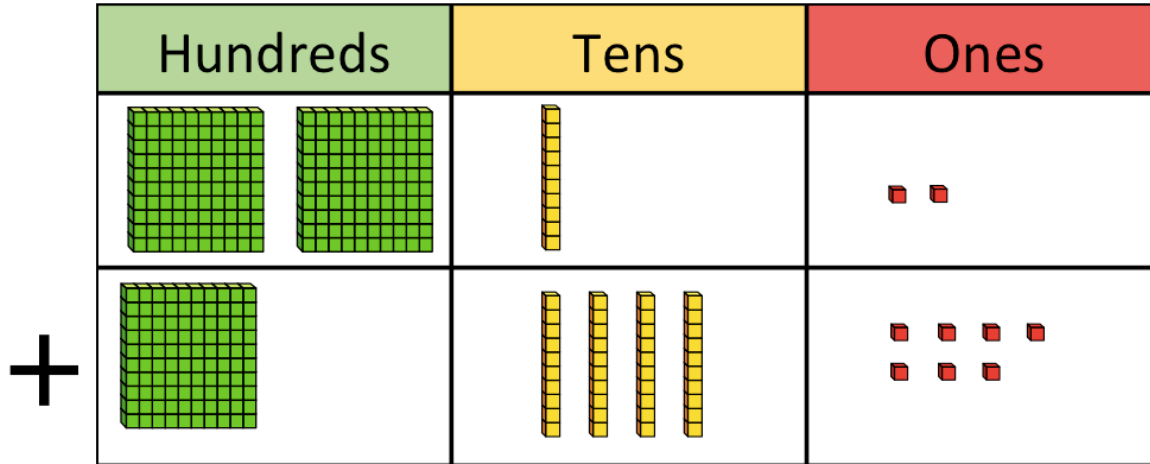
Today, we are learning about using **column addition** to add numbers:



	H	T	O
	2	1	2
+	1	4	7

In column addition, we always start with the right column (the ones).

Today, we are learning about using **column addition** to add numbers:



	H	T	O
	2	1	2
+	1	4	7
	3	5	9



In this example we do:

2 ones + 7 ones = 9 ones

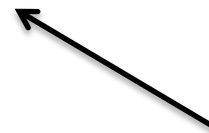
1 ten + 4 tens = 5 tens

2 hundreds + 1 hundred =
3 hundreds



Hundreds	Tens	Ones

	H	T	O
	5	0	2
+	3	1	4
	8	1	6



In this example we do:

2 ones + 4 ones = 6 ones

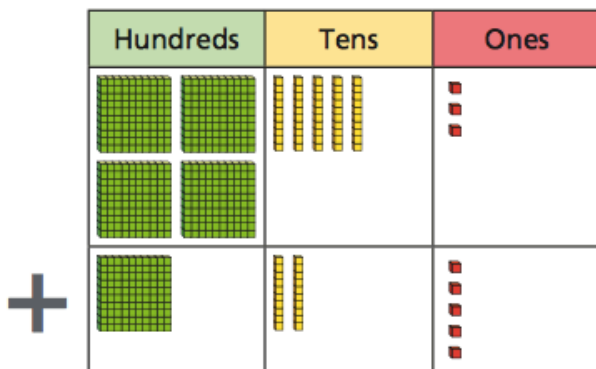
0 tens + 1 ten = 1 ten

5 hundreds + 3 hundred =
8 hundreds

Copy and complete the questions onto your paper

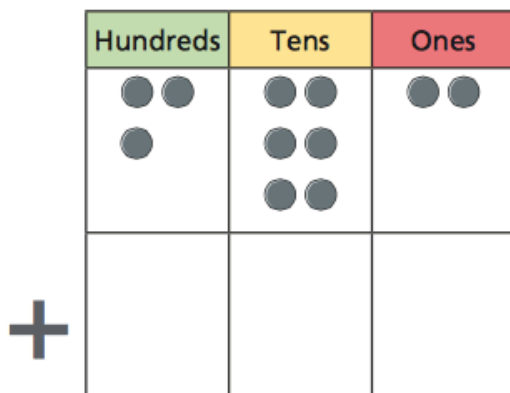


- 1 Complete the column addition.
Use base 10 to help you.



	H	T	O
	4	5	3
+	1	2	5

- 2 Kim uses counters and a place value chart to help her work out $362 + 205$



	H	T	O
	3	6	2
+	2	0	5

- Draw counters to complete the chart.
- Complete the column addition.
- Which column did you add first? Talk to a partner about your method.

Complete the additions.

a) $736 + 203 =$

c) $£391 + £505 =$

b) $184 + 105 =$

Remember to
line up your
hundreds, tens
and ones

$$\begin{array}{r} 273 \\ +514 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 451 \\ +225 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 304 \\ +463 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 615 \\ +172 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 153 \\ +716 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 805 \\ +102 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 572 \\ +213 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 531 \\ +267 \\ \hline \\ \hline \end{array}$$

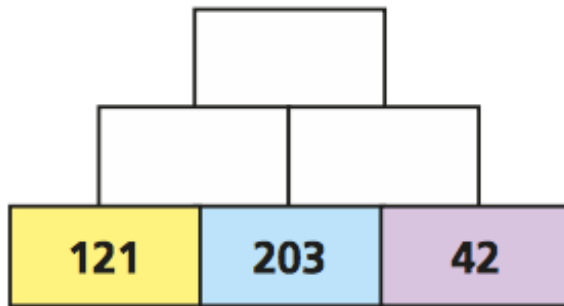


Today's challenges:

Here is an addition pyramid.

Add the two numbers below to make the number above.

a) Complete the addition pyramid.



Mrs Morgan drives 230 km on Monday.

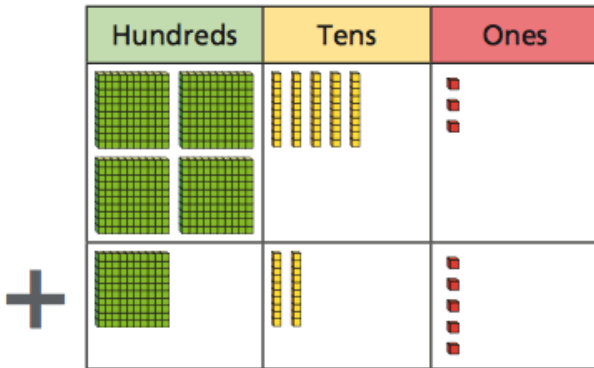
On Tuesday she drives 169 km.

How far does she drive in total on Monday and Tuesday?

Can you write a number story for?

$$352 + 224 =$$

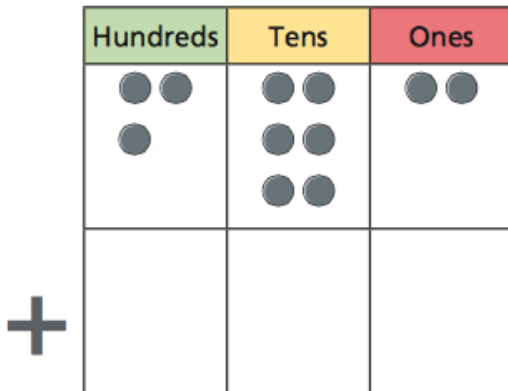
- 1 Complete the column addition.
Use base 10 to help you.



	H	T	O
	4	5	3
+	1	2	5
	<u>578</u>		



- 2 Kim uses counters and a place value chart to help her work out $362 + 205$



	H	T	O
	3	6	2
+	2	0	5
	<u>567</u>		

- Draw counters to complete the chart.
- Complete the column addition.
- Which column did you add first? Talk to a partner about your method.

Complete the additions.

$$\text{a) } 736 + 203 = \boxed{939}$$

$$\text{c) } \text{£}391 + \text{£}505 = \boxed{\text{£}896}$$

$$\text{b) } 184 + 105 = \boxed{289}$$



$$\begin{array}{r} 273 \\ +514 \\ \hline 787 \end{array}$$

$$\begin{array}{r} 451 \\ +225 \\ \hline 676 \end{array}$$

$$\begin{array}{r} 304 \\ +463 \\ \hline 767 \end{array}$$

$$\begin{array}{r} 615 \\ +172 \\ \hline 787 \end{array}$$

$$\begin{array}{r} 153 \\ +716 \\ \hline 869 \end{array}$$

$$\begin{array}{r} 805 \\ +102 \\ \hline 907 \end{array}$$

$$\begin{array}{r} 572 \\ +213 \\ \hline 785 \end{array}$$

$$\begin{array}{r} 531 \\ +267 \\ \hline 798 \end{array}$$

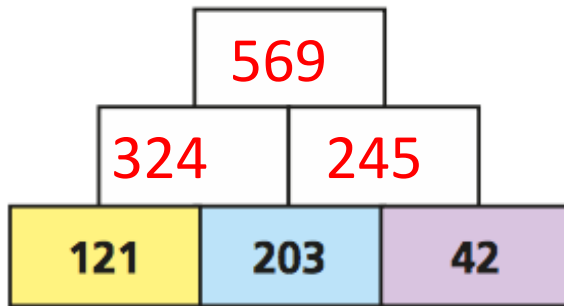


Today's challenges:

Here is an addition pyramid.

Add the two numbers below to make the number above.

a) Complete the addition pyramid.



Mrs Morgan drives 230 km on Monday.

On Tuesday she drives 169 km.

How far does she drive in total on Monday and Tuesday?

399km



Can you write a number story for?

$$352 + 224 =$$

There are 352 cakes sold on Monday. 224 are sold on Tuesday. How many are sold altogether?

Well done, Year 3!
I hope you got on okay with today's
work 😊

Please email me your work to our
new email address:

yearthree@st-jo-st.dudley.sch.uk

