

Home Learning – Maths

Timestables:

Children should practise their times tables daily.

Using the following link, you can create a 'times tables' practice sheet.

<http://www.timestables.me.uk/printable-pdf-quiz-generator.htm>

Children should practise their **8** times tables this week (including the 'divide by' questions). In class, we use sheets that are 40 questions long. You may want to print these out. Alternatively, you could write up questions or work through them verbally.

Monday:

Adding 100s:

Complete the questions below in your work book. Write out the sentences where appropriate.



Complete:



2 ones and 3 ones is equal to ____ ones.



2 tens and 3 tens is equal to ____ tens.



2 hundreds and 3 hundreds is equal to ____ hundreds.

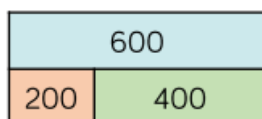


Complete each box for $400 + 500$

Draw It	Write It	Part-Whole	Number Sentence
	____ hundreds and ____ hundreds is equal to ____ hundreds		____ + ____ = ____



Use the bar model to complete the number sentences.



$$\begin{array}{lcl} ___ + ___ = 600 & 600 = ___ + ___ \\ ___ + ___ = 600 & 600 = ___ + ___ \\ ___ - ___ = 400 & 400 = ___ - ___ \\ ___ - ___ = 200 & 200 = ___ - ___ \end{array}$$

Now complete these questions. For each question, I would like you to solve them both using a place value chart and the column addition method. You will not need to do any regrouping. (Answers at the end of the document)

Add 100 to these:

$376 + 100 = \underline{\hspace{2cm}}$

$286 + 100 = \underline{\hspace{2cm}}$

$32 + 100 = \underline{\hspace{2cm}}$

$22 + 100 = \underline{\hspace{2cm}}$

$12 + 100 = \underline{\hspace{2cm}}$

$47 + 100 = \underline{\hspace{2cm}}$

$98 + 100 = \underline{\hspace{2cm}}$

$155 + 100 = \underline{\hspace{2cm}}$

$272 + 100 = \underline{\hspace{2cm}}$

**Subtract 100
from these:**

$543 - 100 = \underline{\hspace{2cm}}$

$221 - 100 = \underline{\hspace{2cm}}$

$333 - 100 = \underline{\hspace{2cm}}$

$1066 - 100 = \underline{\hspace{2cm}}$

$867 - 100 = \underline{\hspace{2cm}}$

$217 - 100 = \underline{\hspace{2cm}}$

$455 - 100 = \underline{\hspace{2cm}}$

$756 - 100 = \underline{\hspace{2cm}}$

Tuesday

Adding 100s (problem solving):

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = 800$$

Each of the missing numbers are multiples of 100

Find all the possible missing numbers.

If I know $700 - 500 = 200$, what else do I know?

Show me using concrete and pictorial representations.

Odd One Out

Which is the odd one out?

Explain why.

$$\begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array} + \begin{array}{|c|c|c|c|c|c|c|} \hline \square & \square & \square & \square & \square & \square & \square & \square \\ \hline \end{array}$$

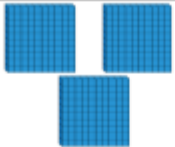
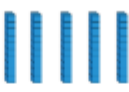

$$\begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array} + \begin{array}{|c|c|c|c|c|c|} \hline \square & \square & \square & \square & \square & \square \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline \square & \square & \square \\ \hline \end{array} + \begin{array}{|c|c|c|c|c|c|} \hline \square & \square & \square & \square & \square & \square \\ \hline \end{array}$$

Adding 10s

Complete the questions below in your work book.



Hundreds	Tens	Ones
		

Use place value counters to complete the number sentences.

$352 + 4 \text{ tens} = \underline{\quad}$

$352 - 2 \text{ tens} = \underline{\quad}$



Complete:

$793 - 60 =$	$793 - 60 =$	$733 + 60 =$
$793 - 70 =$	$783 - 60 =$	$723 + 60 =$
$793 - 80 =$	$773 - 60 =$	$713 + 60 =$
$793 - 90 =$	$763 - 60 =$	$703 + 60 =$



Complete using $<$, $>$ or $=$

$773 + 1$	<input type="radio"/>	$773 + 10$
$653 + 10$	<input type="radio"/>	$653 - 10$
$647 + 10$	<input type="radio"/>	$657 - 10$
$721 + 10$	<input type="radio"/>	$653 + 10$

Wednesday

Column Addition

Complete the following questions. There is no re-grouping in any of these questions. When you have finished, check your answers using the document at the end, and make any corrections you need to.

$\begin{array}{r} 534 \\ + 45 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 213 \\ + 62 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 304 \\ + 84 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 672 \\ + 16 \\ \hline \\ \hline \end{array}$
$\begin{array}{r} 130 \\ + 56 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 802 \\ + 92 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 529 \\ + 50 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 281 \\ + 17 \\ \hline \\ \hline \end{array}$
$\begin{array}{r} 552 \\ + 36 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 607 \\ + 72 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 628 \\ + 21 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 327 \\ + 51 \\ \hline \\ \hline \end{array}$

Column Subtraction:

Complete the following questions. There is no re-grouping in any of these questions. When you have finished, check your answers using the document at the end, and make any corrections you need to.

$\begin{array}{r} 569 \\ - 315 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 346 \\ - 125 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 774 \\ - 453 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 652 \\ - 420 \\ \hline \\ \hline \end{array}$
$\begin{array}{r} 628 \\ - 305 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 573 \\ - 512 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 832 \\ - 232 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 599 \\ - 467 \\ \hline \\ \hline \end{array}$
$\begin{array}{r} 298 \\ - 136 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 687 \\ - 471 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 988 \\ - 575 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 768 \\ - 251 \\ \hline \\ \hline \end{array}$

Thursday

Column Addition (with Regrouping)

For these questions, I would like you to complete them first using a place value chart and then using column addition. Draw your first number using your normal pencil, add your second number, and then use a coloured pencil to regroup any that you need to! Always start with the ones! Check that your column addition and place value chart answers are the same!

$\begin{array}{r} 323 \\ + 518 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 607 \\ + 228 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 507 \\ + 463 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 319 \\ + 142 \\ \hline \\ \hline \end{array}$
$\begin{array}{r} 257 \\ + 706 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 505 \\ + 109 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 672 \\ + 243 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 591 \\ + 367 \\ \hline \\ \hline \end{array}$

Column Subtraction (with Regrouping)

For these questions, I would like you to complete them first using a place value chart and then using column subtraction. Remember to draw your biggest number first, and then 'cross out' to subtract. Regroup where you need to. Always start with the ones! Check that your column subtraction and place value chart answers are the same!

$\begin{array}{r} 451 \\ - 218 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 840 \\ - 525 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 472 \\ - 238 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 481 \\ - 323 \\ \hline \\ \hline \end{array}$
$\begin{array}{r} 690 \\ - 526 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 726 \\ - 419 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 427 \\ - 233 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 519 \\ - 450 \\ \hline \\ \hline \end{array}$

Friday:

Target board

Using two of the numbers below and addition, how close can you get to the target number?

Target number: 473

421	278	325	466
201	154	413	249
254	55	92	73

What strategy are you using to choose the numbers?
How can you work systematically?

Don't forget to use column addition to help you! You might need to use regrouping depending on the numbers you choose!

Tuesday : Adding 100s answers.

Add 100 to these:	Subtract 100 from these:
$376 + 100 = \underline{476}$	$543 - 100 = \underline{443}$
$286 + 100 = \underline{386}$	$221 - 100 = \underline{121}$
$32 + 100 = \underline{132}$	$333 - 100 = \underline{233}$
$22 + 100 = \underline{122}$	$1066 - 100 = \underline{966}$
$12 + 100 = \underline{112}$	$867 - 100 = \underline{767}$
$47 + 100 = \underline{147}$	$217 - 100 = \underline{117}$
$98 + 100 = \underline{198}$	$455 - 100 = \underline{355}$
$155 + 100 = \underline{255}$	$756 - 100 = \underline{656}$
$272 + 100 = \underline{372}$	

Wednesday: Column Addition Answers:

$\begin{array}{r} 534 \\ + 45 \\ \hline 579 \end{array}$	$\begin{array}{r} 213 \\ + 62 \\ \hline 275 \end{array}$	$\begin{array}{r} 304 \\ + 84 \\ \hline 388 \end{array}$	$\begin{array}{r} 672 \\ + 16 \\ \hline 688 \end{array}$
$\begin{array}{r} 130 \\ + 56 \\ \hline 186 \end{array}$	$\begin{array}{r} 802 \\ + 92 \\ \hline 894 \end{array}$	$\begin{array}{r} 529 \\ + 50 \\ \hline 579 \end{array}$	$\begin{array}{r} 281 \\ + 17 \\ \hline 298 \end{array}$
$\begin{array}{r} 552 \\ + 36 \\ \hline 588 \end{array}$	$\begin{array}{r} 607 \\ + 72 \\ \hline 679 \end{array}$	$\begin{array}{r} 628 \\ + 21 \\ \hline 649 \end{array}$	$\begin{array}{r} 327 \\ + 51 \\ \hline 378 \end{array}$

Wednesday: Column Subtraction Answers

$\begin{array}{r} 569 \\ - 315 \\ \hline 254 \end{array}$	$\begin{array}{r} 346 \\ - 125 \\ \hline 221 \end{array}$	$\begin{array}{r} 774 \\ - 453 \\ \hline 321 \end{array}$	$\begin{array}{r} 652 \\ - 420 \\ \hline 232 \end{array}$
$\begin{array}{r} 628 \\ - 305 \\ \hline 323 \end{array}$	$\begin{array}{r} 573 \\ - 512 \\ \hline 61 \end{array}$	$\begin{array}{r} 832 \\ - 232 \\ \hline 600 \end{array}$	$\begin{array}{r} 599 \\ - 467 \\ \hline 132 \end{array}$
$\begin{array}{r} 298 \\ - 136 \\ \hline 162 \end{array}$	$\begin{array}{r} 687 \\ - 471 \\ \hline 216 \end{array}$	$\begin{array}{r} 988 \\ - 575 \\ \hline 413 \end{array}$	$\begin{array}{r} 768 \\ - 251 \\ \hline 517 \end{array}$

Thursday: Column Addition (with Regrouping) Answers

$\begin{array}{r} 323 \\ + 518 \\ \hline 841 \end{array}$	$\begin{array}{r} 607 \\ + 228 \\ \hline 835 \end{array}$	$\begin{array}{r} 507 \\ + 463 \\ \hline 970 \end{array}$	$\begin{array}{r} 319 \\ + 142 \\ \hline 461 \end{array}$
$\begin{array}{r} 257 \\ + 706 \\ \hline 963 \end{array}$	$\begin{array}{r} 505 \\ + 109 \\ \hline 614 \end{array}$	$\begin{array}{r} 672 \\ + 243 \\ \hline 915 \end{array}$	$\begin{array}{r} 591 \\ + 367 \\ \hline 958 \end{array}$

Thursday: Column Subtraction (with Regrouping) Answers:

$\begin{array}{r} 451 \\ - 218 \\ \hline 233 \end{array}$	$\begin{array}{r} 840 \\ - 525 \\ \hline 315 \end{array}$	$\begin{array}{r} 472 \\ - 238 \\ \hline 234 \end{array}$	$\begin{array}{r} 481 \\ - 323 \\ \hline 158 \end{array}$
$\begin{array}{r} 690 \\ - 526 \\ \hline 164 \end{array}$	$\begin{array}{r} 726 \\ - 419 \\ \hline 307 \end{array}$	$\begin{array}{r} 427 \\ - 233 \\ \hline 194 \end{array}$	$\begin{array}{r} 519 \\ - 450 \\ \hline 69 \end{array}$