

Summer Keep Up Maths Booklet

Year 3



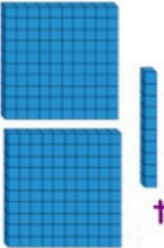
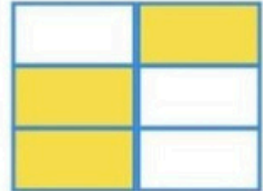
Name:

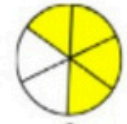
Instructions

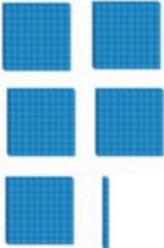
- 6 weeks of quick maths questions – one for each week of your holiday!
- You then have 5 questions to complete a day, with an example at the top to help you in **purple pen**.
- 5 minutes a day, is all I am asking to help you 'Keep up' over the summer holidays!

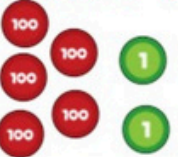
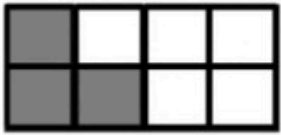


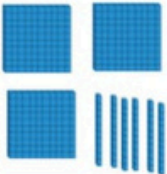
Week 1

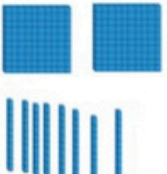
 Write this number in words: two hundred and ten	Complete the calculation: $\frac{1}{10} + \frac{9}{10} = 1$
346 + 100 = 446 	<u>6</u> × <u>8</u> = <u>42</u> <u>8</u> × <u>6</u> = <u>42</u> <u>42</u> ÷ <u>6</u> = <u>8</u> <u>42</u> ÷ <u>8</u> = <u>6</u> 8 6 42
What fraction is shaded?  $\frac{3}{6}$	

 Write this number in words:	Complete the calculation: $\frac{3}{10} + \text{---} = 1$
233 + 100 = 	___ × ___ = ___ ___ × ___ = ___ ___ ÷ ___ = ___ ___ ÷ ___ = ___ 8 3 24
What fraction does this show? 	

 Write this number in words:	Complete the calculation: $\frac{6}{10} + \text{---} = 1$	
122 + 100 = 	___ × ___ = ___ 8 ___ × ___ = ___ 5 ___ ÷ ___ = ___ ___ ÷ ___ = ___ 40	What fraction does this show? 

 Write this number in words:	Complete the calculation: $\frac{9}{10} + \text{---} = 1$	
502 + 100 = 	___ × ___ = ___ 9 ___ × ___ = ___ 6 ___ ÷ ___ = ___ ___ ÷ ___ = ___ 54	What fraction does this show? 

 Write this number in words:	Complete the calculation: $\frac{7}{10} + \text{---} = 1$	
101 + 100 = 	$\text{---} \times \text{---} = \text{---}$ 8 $\text{---} \times \text{---} = \text{---}$ 9 $\text{---} \div \text{---} = \text{---}$ $\text{---} \div \text{---} = \text{---}$ 72	What fraction does this show? 

 Write this number in words:	Complete the calculation: $\frac{2}{10} + \text{---} = 1$	
611 + 100 = 	$\text{---} \times \text{---} = \text{---}$ 8 $\text{---} \times \text{---} = \text{---}$ 4 $\text{---} \div \text{---} = \text{---}$ $\text{---} \div \text{---} = \text{---}$ 32	What fraction does this show? 

Week 2

H T O ← Start with the O (ones) column $ \begin{array}{r} 413 \\ + 234 \\ \hline 647 \end{array} $	Complete the calculation: $ \frac{2}{5} + \frac{3}{5} = 1 $	
512 + 10 = $512 + 10 = 522$	$3 \times 4 = 12$ $4 \times 3 = 12$ $12 \div 4 = 3$ $12 \div 3 = 4$ 3 4 12	Write this fraction as a decimal: $\frac{1}{10}$ O . t 0.1 one tenth

H T O $ \begin{array}{r} 861 \\ + 155 \\ \hline \hline \end{array} $	Complete the calculation: $ \frac{1}{5} + \frac{\quad}{\quad} = 1 $	
624 + 10 = $624 + 10 = 634$	$__ \times __ = __$ $__ \times __ = __$ $__ \div __ = __$ $__ \div __ = __$ 10 4 40	Write this fraction as a decimal: $\frac{3}{10}$

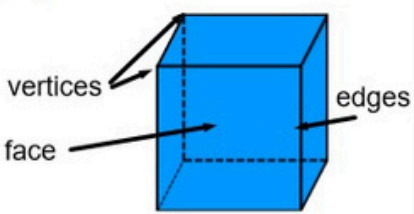
$\begin{array}{r} \text{H T O} \\ 4 \ 1 \ 2 \\ + \ 3 \ 0 \ 6 \\ \hline \end{array}$	Complete the calculation: $\frac{3}{5} + \frac{\quad}{\quad} = 1$	
$816 + 10 =$	$\frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} \quad 11$ $\frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} \quad 8$ $\frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad}$ $\frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \quad 88$	Write this fraction as a decimal: $\frac{9}{10}$

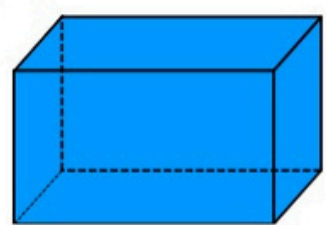
$\begin{array}{r} \text{H T O} \\ 6 \ 1 \ 8 \\ + \ 3 \ 4 \ 0 \\ \hline \end{array}$	Complete the calculation: $\frac{5}{5} + \frac{\quad}{\quad} = 1$	
$738 + 10 =$	$\frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} \quad 7$ $\frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} \quad 8$ $\frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad}$ $\frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \quad 56$	Write this fraction as a decimal: $\frac{8}{10}$

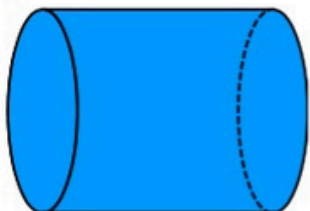
H T O 3 5 4 + 3 4 5 	Complete the calculation: $\frac{4}{5} + \frac{\quad}{\quad} = 1$	
635 + 10 = 	___ × ___ = ___ ___ × ___ = ___ ___ ÷ ___ = ___ ___ ÷ ___ = ___ 8 64	Write this fraction as a decimal: $\frac{4}{10}$

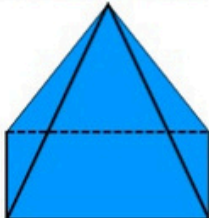
H T O 6 0 4 + 2 9 5 	Complete the calculation: $\frac{\quad}{5} + \frac{\quad}{5} = 1$	
528 + 10 = 	___ × ___ = ___ ___ × ___ = ___ ___ ÷ ___ = ___ ___ ÷ ___ = ___ 4 16	Write this fraction as a decimal: $\frac{6}{10}$

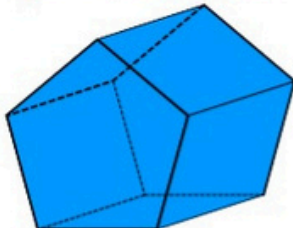
Week 3

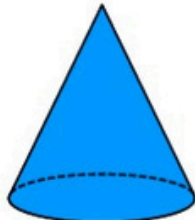
Th H T O 6 0 7 + 3 9 5 1 0 0 2 remember to carry over when needed.	Fill in the properties of this 3D shape: <u>8</u> vertices vertices  <u>12</u> edges <u>6</u> faces	
851 + 100 = 951 you may want to draw it as a representation.	Write the value of the underline digit: H T O 8<u>4</u>0 4 tens or 40	Which is bigger? 0.6 6 10 0.7

H T O 5 1 7 + 3 4 6 	Fill in the properties of this 3D shape: ___ vertices ___ edges ___ faces 	
208 + 100 =	Write the value of the underline digit: <u>8</u>81	Which is bigger? 2 10 0.1

<table><tr><td></td><td>H</td><td>T</td><td>O</td></tr><tr><td></td><td>5</td><td>2</td><td>3</td></tr><tr><td>+</td><td>5</td><td>4</td><td>8</td></tr><tr><td></td><td colspan="3"> </td></tr><tr><td></td><td colspan="3"> </td></tr></table>		H	T	O		5	2	3	+	5	4	8									Fill in the properties of this 3D shape: ___ vertices ___ edges ___ faces 
	H	T	O																		
	5	2	3																		
+	5	4	8																		
713 + 10 =	Write the value of the underline digit: 60<u>8</u>	Which is bigger? <table><tr><td>$\frac{9}{10}$</td><td>0.8</td></tr></table>	$\frac{9}{10}$	0.8																	
$\frac{9}{10}$	0.8																				

HTO 673 + 545	Fill in the properties of this 3D shape: __ vertices __ edges __ faces 	
903 + 10 =	Write the value of the underline digit: <u>3</u>92	Which is bigger? 4 10 0.6

HTO 485 + 545	Fill in the properties of this 3D shape: ___ vertices ___ edges ___ faces 	
293 + 100 =	Write the value of the underline digit: 70<u>0</u>	Which is bigger? 6 — 10 0.8

HTO 785 + 749	Fill in the properties of this 3D shape: ___ vertices ___ edges ___ faces 	
983 + 10 =	Write the value of the underline digit: 9<u>2</u>7	Which is bigger? 4 — 10 0.4

Week 4

H T O 7 8 5 ⊖ 7 4 4 0 4 1	numerator 2 denominator 5 of 25 amount $25 \div 5 = 5$ $5 \times 2 = 10$ divide the amount by the denominator then multiply your answer by the numerator.	
T 273 - 10 = subtract 263	Next number in the sequence: 0, 25, 50, <u>75</u>	Add these fractions: Only add the numerators! denominator stays the same $\frac{4}{10} + \frac{2}{10} = \frac{6}{10}$

HTO 985 - 241	$\frac{3}{5}$ of 25	
941 - 10 =	Next number in the sequence: 50, 75, <u> </u>	Add these fractions: $\frac{3}{10} + \frac{6}{10}$

$\begin{array}{r} \text{H T O} \\ 752 \\ - 101 \\ \hline \\ \hline \end{array}$	$\frac{4}{5}$ of 25	
$467 - 10 =$	Next number in the sequence: 100, 125, __	Add these fractions: $\frac{2}{7} + \frac{4}{7}$

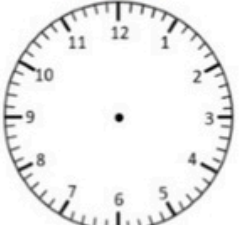
$\begin{array}{r} \text{H T O} \\ 297 \\ - \quad 71 \\ \hline \\ \hline \end{array}$	$\frac{3}{8}$ of 80	
$219 - 10 =$	Next number in the sequence: 175, 200, __	Add these fractions: $\frac{1}{7} + \frac{3}{7}$

$ \begin{array}{r} \text{H T O} \\ 897 \\ - 376 \\ \hline \hline \end{array} $	$\frac{1}{8}$ of 40	
$989 - 10 =$	Next number in the sequence: 525, 550, __	Add these fractions: $\frac{2}{6} + \frac{3}{6}$

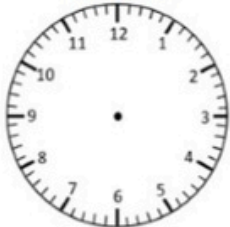
$ \begin{array}{r} \text{H T O} \\ 547 \\ - 106 \\ \hline \hline \end{array} $	$\frac{7}{8}$ of 40	
$900 - 10 =$	Next number in the sequence: 575, 600, __	Add these fractions: $\frac{7}{9} + \frac{1}{9}$

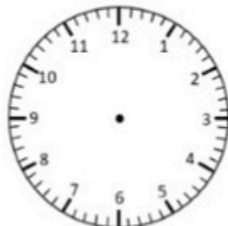
Week 5

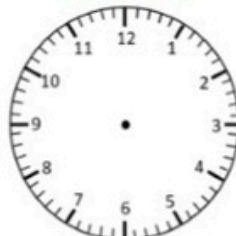
H T O $\begin{array}{r} 545 \\ - 106 \\ \hline 439 \end{array}$ Remember to 'exchange' if needed.	Draw the hands on correctly: Remember, your 'hour' hand must be smaller than your 'minute' hand 6:10 	
H $828 - 100 =$ 728	Next number in the sequence: 0, 50, 100, <u>150</u>	Add these fractions: $\frac{7}{9} + \frac{3}{9} = \frac{10}{9}$

H T O $\begin{array}{r} 865 \\ - 668 \\ \hline \end{array}$	Draw the hands on correctly: 2:20 	
$701 - 100 =$	Next number in the sequence: 150, 200, <u> </u>	Add these fractions: $\frac{4}{6} + \frac{3}{6}$

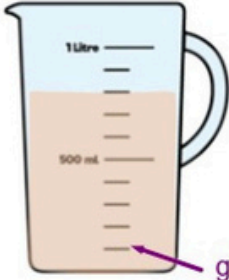
$\begin{array}{r} \text{H T O} \\ 464 \\ - 366 \\ \hline \\ \hline \end{array}$	Draw the hands on correctly: 	
$666 - 100 =$	Next number in the sequence: 500, 550, __	Add these fractions: $\frac{4}{6} + \frac{6}{6}$

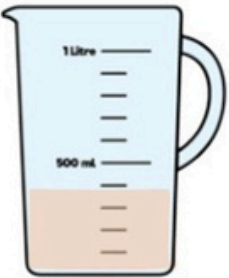
$\begin{array}{r} \text{H T O} \\ 967 \\ - 685 \\ \hline \\ \hline \end{array}$	Draw the hands on correctly: 	
$830 - 100 =$	Next number in the sequence: 525, 575, <u> </u>	Add these fractions: $\frac{2}{4} + \frac{3}{4}$

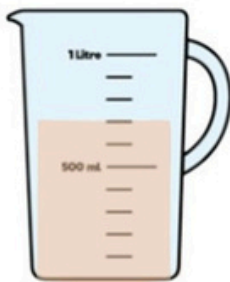
$\begin{array}{r} \text{H T O} \\ 420 \\ - 85 \\ \hline \\ \hline \end{array}$	Draw the hands on correctly: 7:10 	
$601 - 100 =$	Next number in the sequence: 675, 725, —	Add these fractions: $\frac{2}{5} + \frac{3}{5}$

$\begin{array}{r} \text{H T O} \\ 900 \\ - 45 \\ \hline \\ \hline \end{array}$	Draw the hands on correctly: 12:35 	
$218 - 100 =$	Next number in the sequence: 925, 975, —	Add these fractions: $\frac{2}{7} + \frac{8}{7}$

Week 6

	How much liquid is in the container? 800ml goes up in 100's	Write this time as a <u>24 hour</u> clock: 4:50 pm = 16:50 h h add 12 to the hour <u>if</u> pm
918 + 100 = 1018	What is the first number in this sequence? -50 <u>875</u> 925, 975	<u>4</u> x <u>20</u> = 80 If I know 4 x 2 = 8, I then x it by 10.

	How much liquid is in the container?	Write this time as a <u>24 hour</u> clock: 6:50 pm =
998 + 10 =	What is the first number in this sequence? ___ 900, 925	4 x 40 =



How much liquid is in
the container?

Write this time as a 24 hour clock:

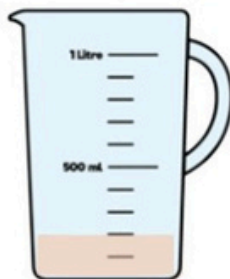
10:50 pm =

$$299 + 10 =$$

What is the first
number in this
sequence?

___ 100, 150

$$6 \times 40 =$$



How much liquid is in
the container?

Write this time as a 24 hour clock:

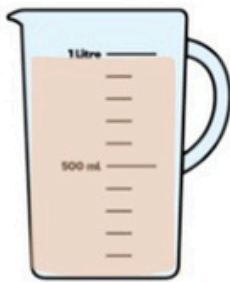
8:50 am =

$$991 - 10 =$$

What is the first
number in this
sequence?

___ 950, 925

$$9 \times 40 =$$



How much liquid is in the container?

Write this time as a 24 hour clock:

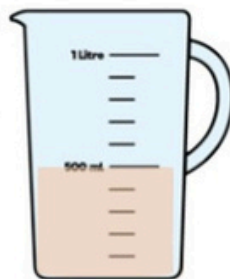
1:50 am =

$$285 - 100 =$$

What is the first number in this sequence?

___ 225, 275

$$7 \times 40 =$$



How much liquid is in the container?

Write this time as a 24 hour clock:

11:36 pm =

$$105 - 100 =$$

What is the first number in this sequence?

___ 275, 225

$$11 \times 40 =$$