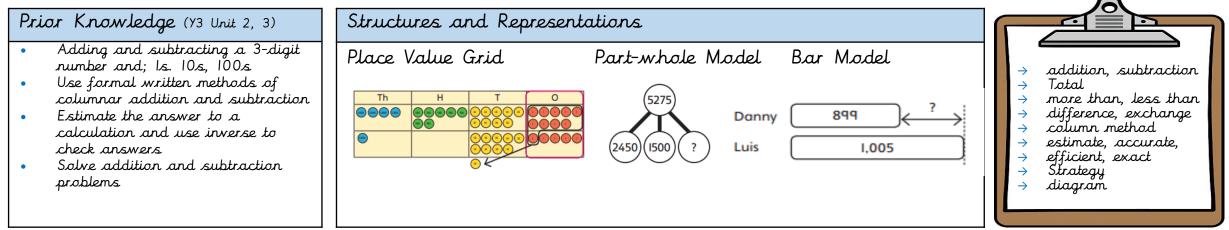


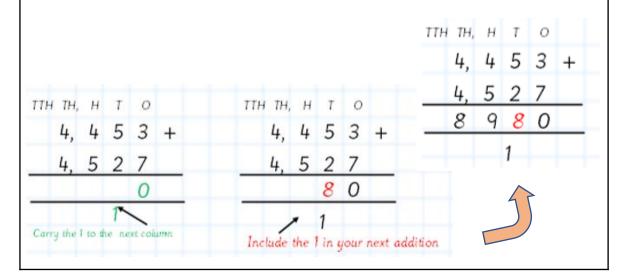
## Maths Knowledge Organiser



0 1 2 6



Starting with the ones, add each column in turn. If the total adds to more than 9, carry digits to the next column.



Start from the ones, subtract each column in turn. 4 1 4, 6 $\not>$ 3 - 4, 5 2 7 6 4, 6 $\not>$ 3 - 4, 6 $\not>$ 3 - 6 4, 6 $\not>$ 3 - 6 4, 6 $\not>$ 3 - 6 5 5 6 5 5 6 5 5 6 5 5 5 6 5 5 5 5 5 5 5 5 5 5 5 5 5	Subtract 4-digit Numbers						
4,527 <i>i</i> <i>i</i> <i>i</i> <i>i</i> <i>i</i> <i>i</i> <i>i</i> <i>i</i>	Start from the ones, subtract each column in turn.						
4,527 <i>i</i> <i>i</i> <i>i</i> <i>i</i> <i>i</i> <i>i</i> <i>i</i> <i>i</i>		4 1					
<u>4, 5 2 7</u> <u>6</u> <i>re-group.</i>	4,	6 \$ 3	-	3 – 7 would give us a			
6	4,	527		-			
4, $6 \frac{5}{3}$ -	6						
4, 6 5/3 -				now have $13 - 7 = 6$			
, , , , , , , , , , , , , , , , , , , ,	4	6 5/3					
		5 2 7					



## Maths Knowledge Organiser

Add/Subtract Is, 10s, 100s, 1000s	Round to Estimate	Checking Strategies
Here is the number 3124 1000 100 10 1 1 1 1000 1000 10 1 1 1 Add 2 thousands = 5124 Add 5 hundreds = 5626	Using rounding to estimate: 3, 1 2 7 + 2, 9 5 3 3, 0 0 0 + 3, 0 0 0 = 6, 0 0 0 3, 1 2 7 + 2, 9 5 3 = 6, 0 8 0	Using Inverse   3476   2732 744   3476 - 744 = 2732 can be checked using 2732 + 744 = 3476   This part whole shows the inverse 1
Add 5 hundreds = 5624 Subtract 2 tens = 5604 Add 5 ones = 5609	Solve 2-Step Problems	calculations using these three numbers.
Here is the number 6708ThousandsHundredsTensOnes6708Add 3 thousands = 9708Subtract 4 hundreds = 9308Add 5 tens = 9358Subtract 7 ones = 9351	Morgan has a jar of 957 sweets and a second jar containing 837 sweets. She combines the two jars together and then gives 345 to her sister. How many is she left with? Step 1:	1549 2688 1549 2688 1549 + 2688 = 4237 2688 + 1549 = 4237 4237 - 1549 = 2688 4237 - 2688 = 1549 Adding in a different order 420 + 372 + 280 =
Crossing ones, tens or hundreds5392 + 4 tens = 5432crossing tens5126 - 600 = 4526crossing hundredsWhen crossing ones, tens or hundreds, more than one digitwill change.	Look at the words used. 'Combine' would mean adding. 957 + 837 = 1794 Step 2: 'Gives' then suggests subtraction. 1794-345 = 1,449	Change to 420 + 280 + 372 = As 420 + 280 = 700 (because 42 + 28 = 70) 420 + 280 + 372 = 700 + 372 = 1072