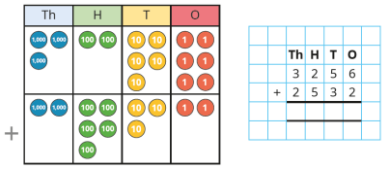
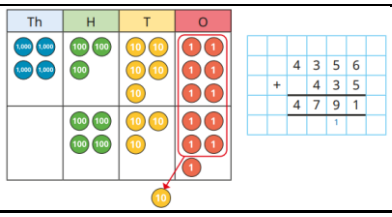
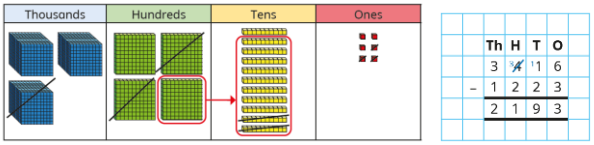
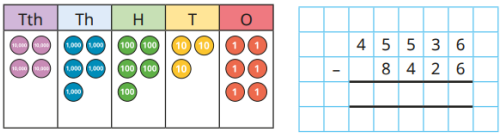
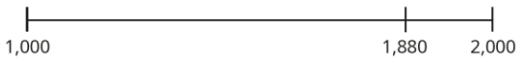
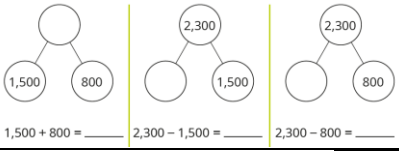
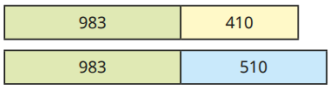
Addition and Subtraction Knowledge Organiser

I have an understanding of adding and subtracting numbers to help me solve challenging number problems.

Skills and Progression	WAGOLLs	Vocabulary
Using mental strategies to add and subtract	Work out the calculations. 46 + 29 · 460 + 290 · 460 + 299 59 + 59 · 590 + 590 · 599 + 599 What mental strategies did you use?	Addition Subtraction Total More than Less than Exchange Column method Placeholder Efficient Exact Addend Sum Altogether Minuend Subtrahend Difference
Adding two 4-digit numbers with exchanging		
Adding two numbers with more than 4 digits		
Subtracting two 4-digit numbers with exchanging		
Subtracting two numbers with more than 4 digits		
Estimating answers to addition and subtraction problems	 1,880 rounded to the nearest thousand is _____	
Using the inverse to check answers.		
Comparing calculations	Which calculation has the greater answer, 983 + 410 or 983 + 510?  Use the bar model to explain your answer.	

Stem Sentences:

I will exchange ___ for ___.
_____ added to _____ is _____.
_____ subtracted from _____ is _____.
The difference between _____ and _____ is _____.
The sum of _____ and _____ is _____.