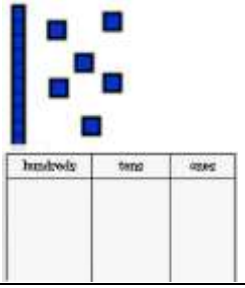
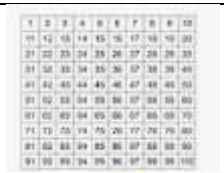
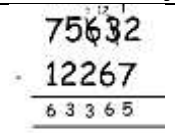
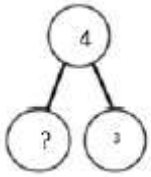
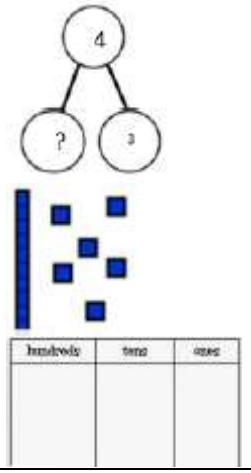
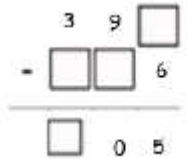
Wodensfield Primary Key Stage 2 Calculation Policy Addition and Subtraction

Addition and Subtraction	Year 3	Year 4	Year 5	Year 6
Mental calculations	add and subtract numbers mentally, including: * a three-digit number and ones * a three-digit number and tens * a three-digit number and hundreds  		add and subtract numbers mentally with increasingly large numbers 	perform mental calculations, including with mixed operations and large numbers use their knowledge of the order of operations to carry out calculations involving the four operations
Written methods	add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction 223 + 157 = 380 735 - 216 = 519 	add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate 2732 + 1443 = 4175 5772 - 2553 = 3179	add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) 36789 + 15267 = 52066	

Wodensfield Primary Key Stage 2 Calculation Policy Addition and Subtraction

				
Inverse operations, estimating and checking answers	estimate the answer to a calculation and use inverse operations to check answers **4-3=___** **?=4-3** 	estimate and use inverse operations to check answers to a calculation	use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy	use estimation to check answers to calculations and determine, in the context of a problem, levels of accuracy.
Problem Solving	solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction **4-3=___** **?=4-3**	solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why **using written methods above**	solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why **Pictorial-draw images of real-life objects involved.**	solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why **RUCSAC** **using written methods above**

Wodensfield Primary Key Stage 2 Calculation Policy Addition and Subtraction

			**using written methods above**	Solve problems involving addition, subtraction, multiplication and division