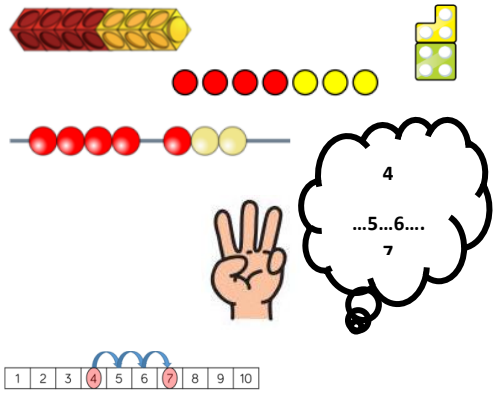
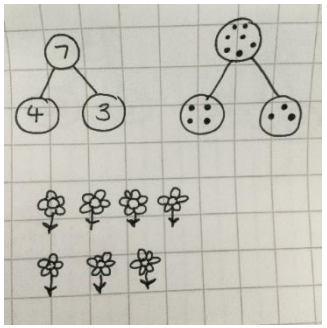
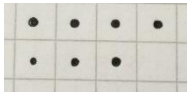
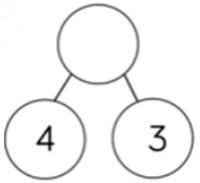
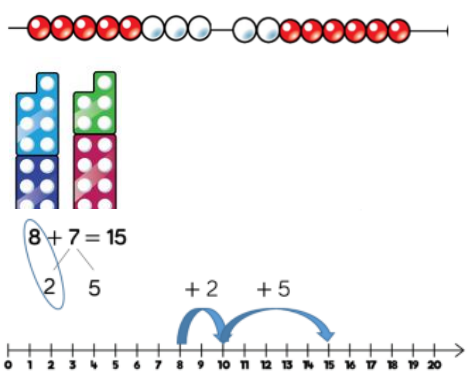
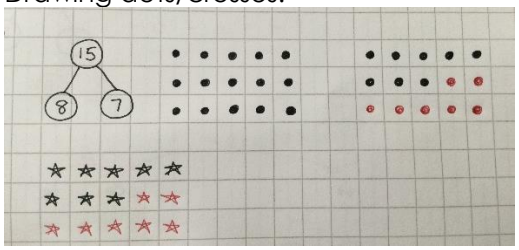
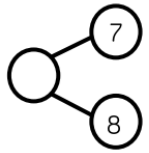
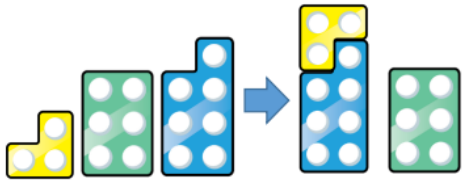
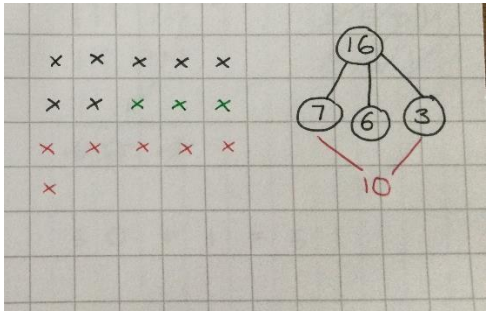
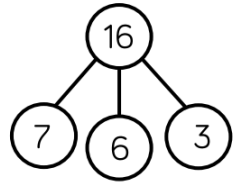
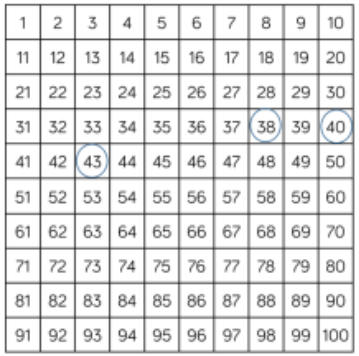
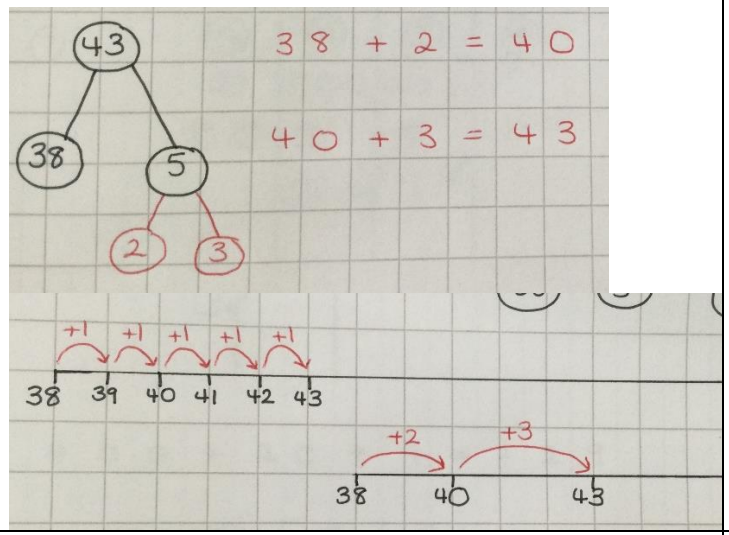
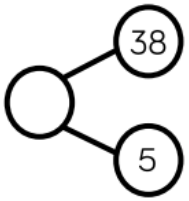
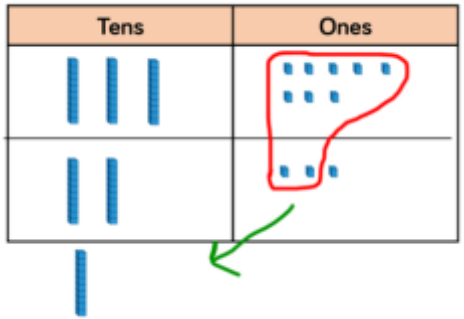
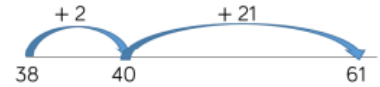
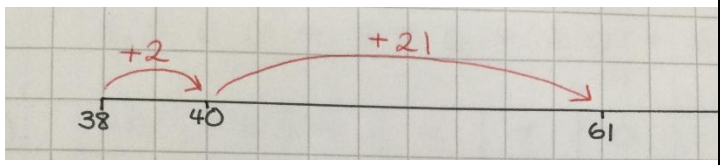
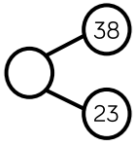
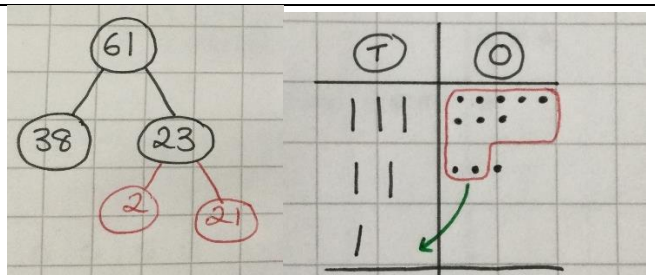
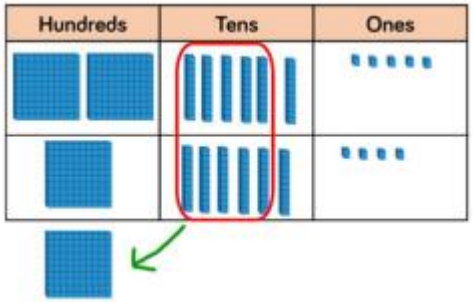
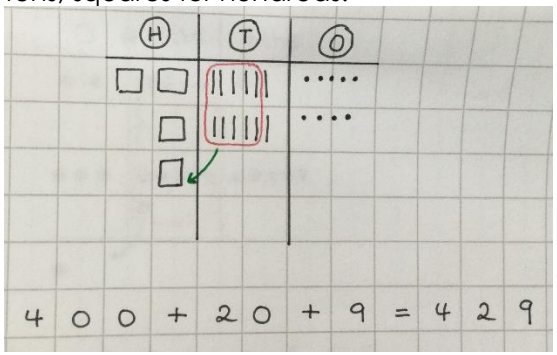
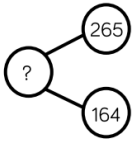
Calculation policy: Addition

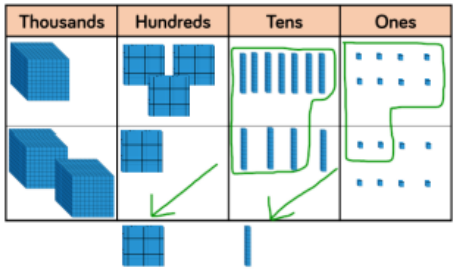
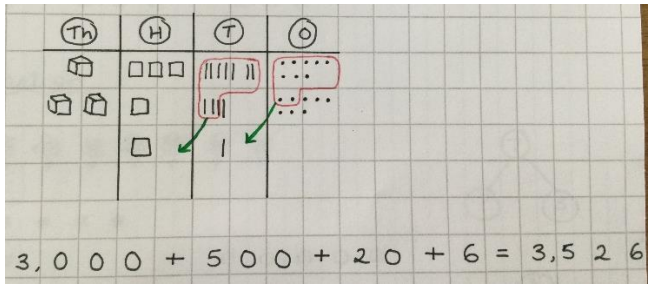
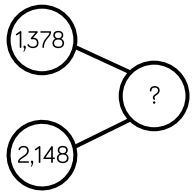
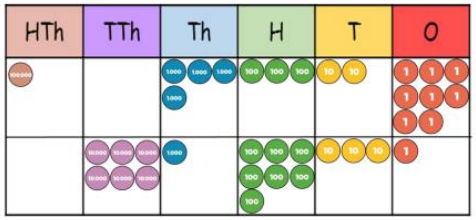
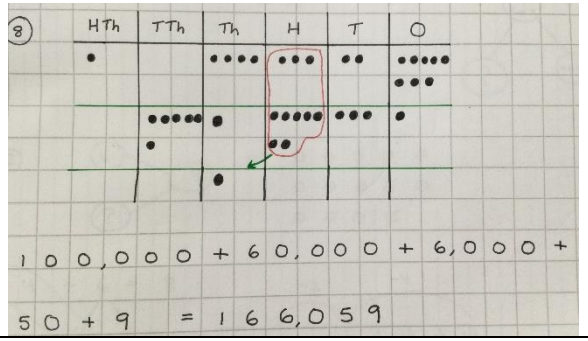
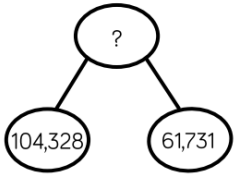
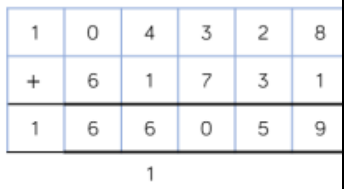
Key language: sum, total, parts and wholes, plus, add, altogether, more, 'is equal to', 'is the same as'

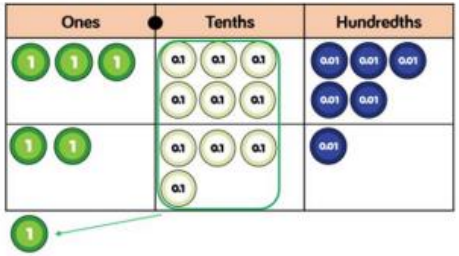
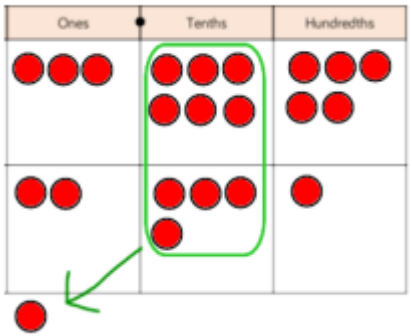
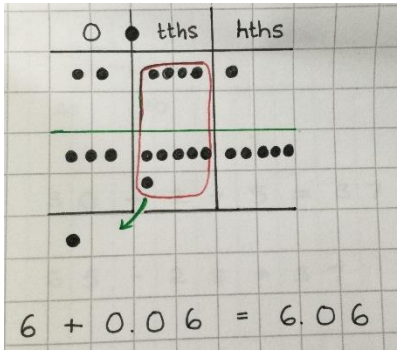
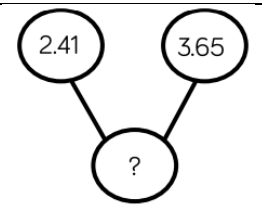
Year Group	Skill	Concrete	Pictorial	Abstract
F1	**Add two 1-digit numbers within 5** **(e.g. 2 + 1)**	Number shapes, number tracks, holding number in your head and counting on using fingers, blocks, objects. 	Draw pictures. Draw dots.	
F2/1	**Add two 1-digit numbers.** **(e.g. 4 + 3)**	Number shapes, number tracks, holding number in your head and counting on using fingers, bead strings, blocks (2-sided counters, teddy bears etc. could also be used). 	Draw part-whole model. Draw pictures. Draw dots/crosses.  	Part-whole model. Writing number sentences. $4 + 3 = 7$  4 + 3 = 3 + 4 =

1	**Add 1 and 2-digit numbers to 20.** **(e.g. 8 + 7)**	Number shapes, number tracks, bead strings, number lines (bridging to ten). 	Drawing part-whole model. Drawing pictures. Drawing dots/crosses. 	$8 + 7 = 15$  8 + 7 = 7 + 8 =
2	**Add three 1-digit numbers.** **(e.g. 7 + 6 + 3)**	Number shapes, looking for bonds or doubles to add more efficiently. 	Drawing dots/crosses. Drawing part-whole model. 	$7 + 6 + 3 = 16$  $7 + 6 + 3 = 16$ 10

2	**Add 1 and 2-digit numbers to 100.** **(e.g. 38 + 5)**	Number lines, hundred square.   	Drawing a number line. Drawing the part-whole model.  	 **38 + 5 = 43**
2	**Add two 2-digit numbers.** **(e.g. 38 + 23)**	Base 10 in a place value chart.  	Drawing a number line, bridging to the nearest 10. Drawing the part-whole model. Drawing a place value chart and using dots to represent ones and sticks for tens.   	 **38 + 23 = 61** 38 + 23 61 1

				
3	**Add with up to 3-digits.** **(e.g. 265 + 164)**	Base 10 in a place value chart. 	Drawing the part-whole model. Drawing a place value chart and drawing symbols to represent the base ten e.g. dots for ones, sticks for tens, squares for hundreds. 	265 + 164 429 1 **265 + 164 = 429** 

4	**Add with up to 4-digits.** **(e.g. 1,378 + 2,148)**		Drawing a place value chart and drawing symbols to represent the base ten e.g. dots for ones, sticks for tens, squares for hundreds, cubes for thousands. 	  **1,378 + 2,148 = 3,526**
5/6	**Add with more than 4 digits.** **(e.g. 104,328 + 61,731)**	Place value charts and counters **(counters can be plain).** 	Drawing place value charts and dots to represent counters. 	 

5/6	**Add with decimal places.** **(e.g. 2.41 + 3.65)**	Decimal place value charts and counters.   	Drawing place value charts and dots to represent counters.  	 3.65 + 2.41 6.06 1