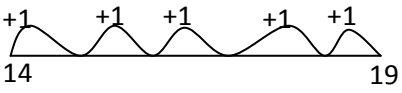
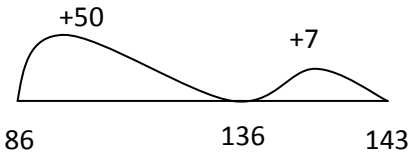
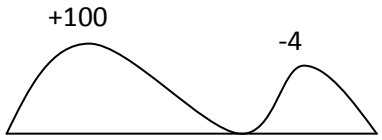
Calculation Policy – Addition

Stage Name	**Examples**	**Recording Method**
Practical Examples	What is one more than 1?	No formal method, could be recorded via a photograph. Mainly teacher notes.
Pictorial Representations	There are 3 people on a bus. 1 more gets on. How many on the bus now? Count 4 cakes. Count 3 cakes. How many altogether?	Mostly pictorial representations: XX + XXX = XXXXX Concrete apparatus models the addition of 3 objects and 2 objects by combining sets. Written digits to represent objects.
Counting up on a number line	What is the sum of 19 and 4? Add 60 to 30?	Number lines: (in small jumps) 14 + 5 = 
Partitioning to add on a number line.	What is the sum of 26 and 39? Increase 48 by 22. Add 69 to 74.	Number lines: 86 + 57 
Partitioning to add	What is 72 + 14 = ?	70 + 10 = 80 2 + 4 = 6 80 + 6 = 86
Rounding and adjusting on a number line.	What is the sum of 26 and 39? Increase 48 by 22. Add 69 to 74.	754 + 96 (rounding and adjusting) 
Expanded Vertical	Increase 190 by 37	Column Method 597 + 475 = 597 + 475 12 160 900 1072
Compact Vertical with "carrying"	What is the total of 229 and 39?	7648 + 1486 = 7648 +1486 9134 111
Adding fractions with the same denominator	4/6 + 1/6 =	Just add the numerator: 4+1=5 4/6 + 1/6 = 5/6
Adding fractions with a different denominator	3/5 + 2/10 =	Find a common dominator: 6/10 + 2/10 = 8/10 = 4/5