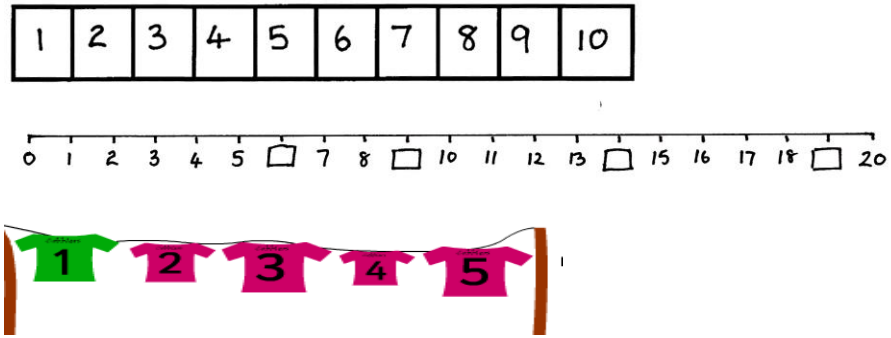
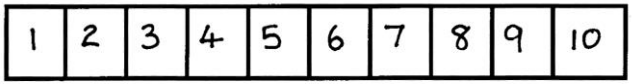
Addition strategies

Strategy	Examples	Vocabulary
Counting forwards in ones	Number tracks/washing lines/ numbered numberlines 	Forwards, more than, numbers
Singing games, storybooks and number rhymes involving counting forwards	1,2,3,4,5, once I caught a fish alive, 6,7,8,9,10 then I let it go again. Why did you let it go, because it bit my finger so which finger did it bite this little finger on my right.	More, add
Practical activities through play	Role play activities – has 3 apples and buys 1 more. How many apples are altogether in the shop? 	More, add, plus, total, altogether
Hopping forward on a number track	Stand on 5 and hop forwards 1. What number are you on? 	Hop forward, land on

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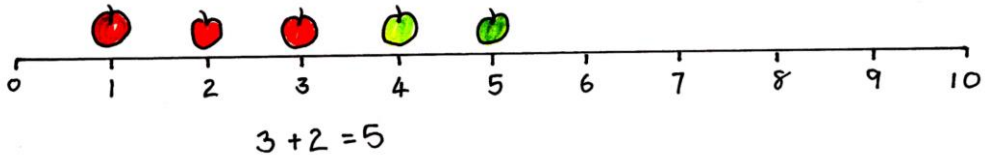
Pictorially represent adding using an addition story	There are 5 balloons. 4 more balloons are added. How many balloons are there in total?  5 4 Children record pictorially and then informally annotate their drawing using the numbers	Add, more, altogether, total
Use number sentences	There are 5 balloons. 4 more balloons are added. How many balloons are there in total?  Children write a number sentence 5 + 4 = 9	Add, more, altogether, total, equals, add sign
Relate simple problems to the number track and numbered number line	If I have 3 apples and 2 apples, how many apples do I have altogether?  	Add, more, altogether, total, equals, add sign

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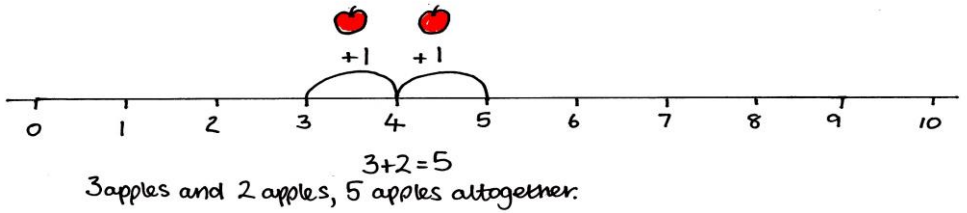
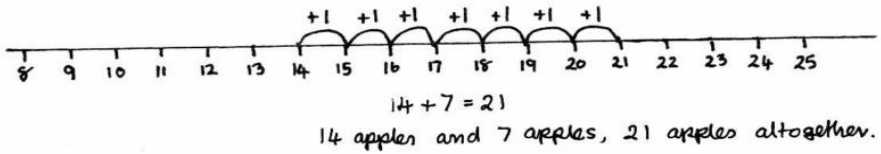
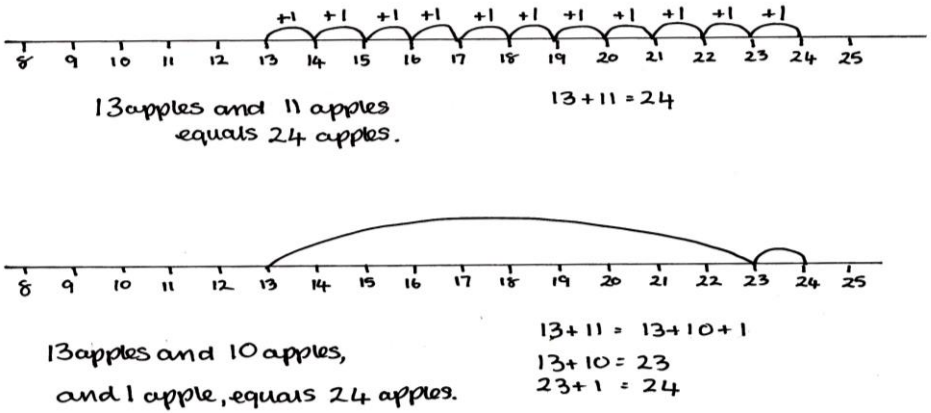
Add a single digit number to a single digit number using numbered number line Add a single digit number to a double digit number using a numbered number line	If I have 3 apples and 2 apples, how many apples do I have altogether?  If I have 14 apples and I find 7 more apples, how many apples do I have altogether?  	Add, more, altogether, total, equals, add sign
Use structured number line to add a two digit number to a two digit number initially jumping in 1s, then 10s and 1s	I have 13 apples, and I buy 11 more. How many apples do I have altogether?  	Jumps, counting on, total, adding, equals, tens, ones

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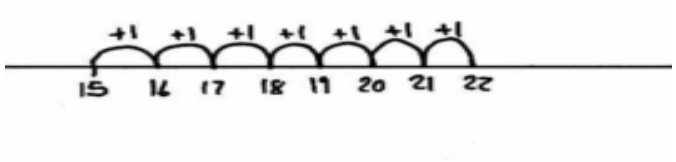
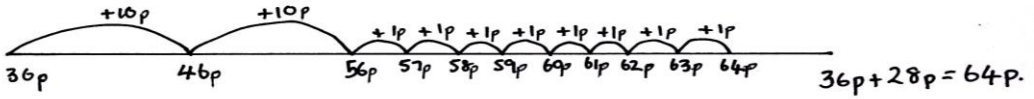
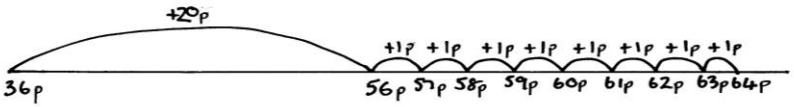
Use an unstructured number line to add a single digit number to a 2 digit number (own numbering & jumps)	Joe has 15 toys and is given 7 more toys for his birthday. How many toys does he have altogether?  15 + 7 = 22 Joe has 22 toys altogether.	Jump, numbers, add
Partitioning of tens and units – **partition the second number only**	There are 34 girls and 23 boys. How many children are there altogether? 34 + 23 34 + 20 + 3 Partitioning the second number There are 57 children altogether	Partitioning, tens, units
Use unstructured number line to add a two digit number to a two digit number in 10s and 1s, and then multiples of 10 and 1s	I have 36p and my mum gives me 28p pocket money. How much money do I have altogether?  36p+28p = 64p. 36+10 =46p 46+10 = 56p 56+8 = 64p  36p+28p = 64p 36p+20p = 56 56p+8p = 64	Multiples of 10, tens, ones, total, altogether

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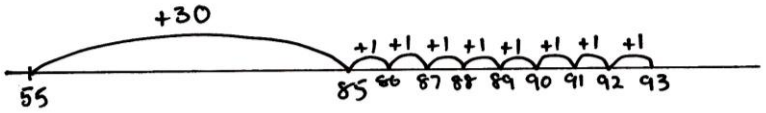
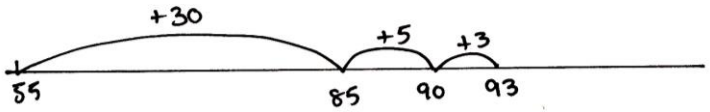
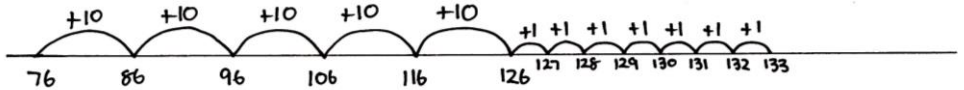
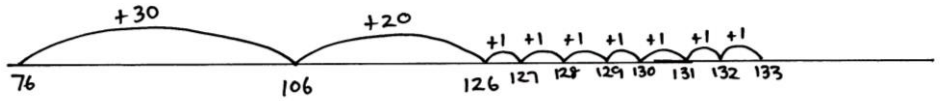
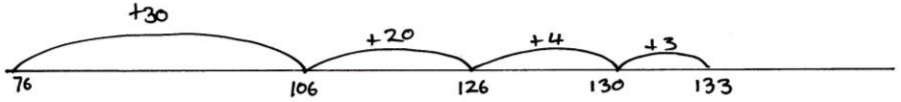
Adding on an unstructured number line with multiples of 10 and 1s, then multiples of 10 and partitioning to the next tens number	 	Partitioning, next tens number
Crossing the hundreds boundary	 76+57=133  	Partitioning, efficient strategy
Horizontal partitioning both numbers	There are 123 cars in a showroom. 236 more arrive. How many are there in total? 123 + 236 100 + 200 = 300 20 + 30 = 50 3 + 6 = 9 359	Partitioning