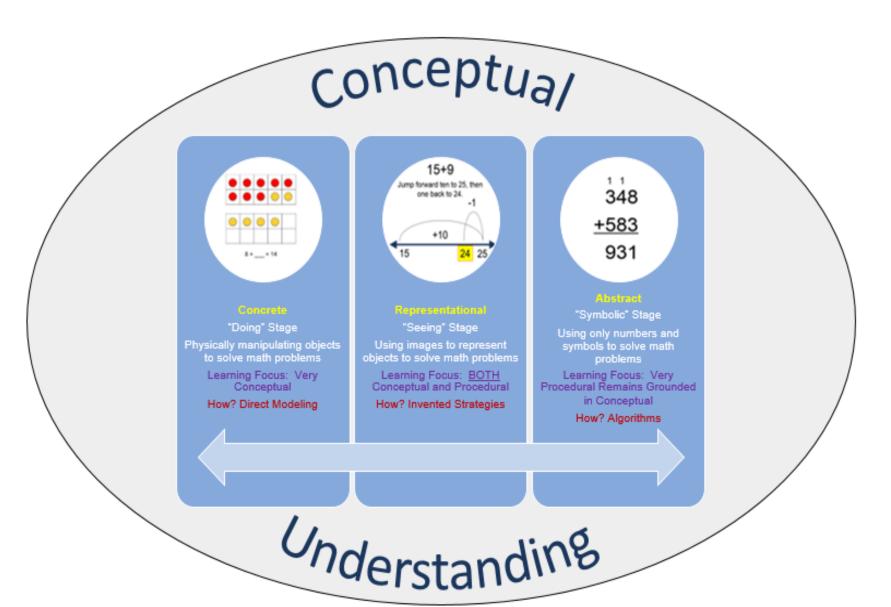


## **Addition Strategy Examples**



## **Addition Strategy Examples**

Concrete: Direct Modeling	Representational: Invented	Abstract: Standard Algorithm(s)
Examples	Strategies Examples	Examples
Problem:	Problem:	Problem:
Savannah had 4 pencils and her mom	46 + 38 =?	74
gave her 5 more. How many pencils does	40 . 30 .	+ <u>25</u>
Savannah have now?	Solution Path: Counting On with an	\ <u>-25</u>
Savarinari flave flow:	Open Number Line	
Solution Path:	Open Number Line	Solution Path: Addition Algorithm
Solution Path:	10 10 10 4 4	without Regrouping
		74
	46 76 80 84	+ 25
Student counts out 4 tiles and then		99
counts out 5 more tiles. Then the student		
counts to get the answer 9.		
Problem:	Problem:	Problem:
12 – 5 =?	15	245
12 – 5 – 7	+ 9	+ <u>57</u>
12 - 3 - 7	24	' <u>-57</u>
Solution Path: Part-Part-Whole	24	<b>Solution Path:</b> Addition Algorithm with
Soldton ruth. Further whole	Solution Path: Counting Back with an	Regrouping
	Open Number line	
	-1	11 245
		+ <u>57</u>
	+10	302
	15 <mark>24</mark> 25	302
Problem:	Problem:	Problem:
8 + = 14	135 + 387 =?	135 + 387 =?
Solution Path: Ten Frame with Counters	<b>Solution Path:</b> Decomposing/Composing	Solution Path: Left-Hand Addition
	105 (0) (0) (0)	405
	135 = 100 + 30 + 5	135
	387 = 300 + 80 + 7	+ 387
	400 - 440 - 42	400
	= 400 + 110 + 12	110
	= 522	+ 12
Building.	Builting.	522
Problem:	Problem: 27 + 49 = 2	Problem:
37 + 25 =	37 + 48 =?	348
37 + 25 = 62	Salution Boths Onen Number Line	+ <u>583</u>
Colution Dathy Dasa Ton Dlasks	Solution Path: Open Number Line	
<b>Solution Path</b> : Base Ten Blocks	+40 +15	
10 20 30 40 50 66 92	30 70 85	Solution Path: Left to Right Algorithm
	37 77 80 85	348
	+3 +40 +5	+ <u>583</u>
	27 (12)	800
	37 40 80 85	+120
	Student decomposes the numbers into	
3 S	friendly numbers that makes sense to	<u>11</u> 931
	them to use patterns in the <b>place value</b>	751
	system for addition.	
	System for addition.	