		Traditional Algorithm	Partial Differences
	Algorithms	3 15 45 -28	45 - 28 - 20 - 3
Additive		<u>-28</u> 17	<u>-3</u> 17
	Make it friendly	45-28 = 47-30 = 17	
Early Additive	Break apart	30 15 45 = 40 /5 -28 = 20 8 10 + 7 = 17	Start with the smaller number
	Break apart 45 - 28 =	45 = 40 -5 -28 = 20 8 -20 10 + 7 = 17	Start with the bigger number
	· ·	10 40 - 20 = - <del>20</del> 10 + 5 = 15 15 -8 = 7	
Transitional (Number lines)	Jumps (subtracting down) by groups of 10s (100s, 1000s,) considering the place value of the numbers being subtracted	- 20 -3 -5 17 37 40 45	
	being Subtraction	-20 17 37 38 3	¥ <del>46</del> <del>41</del> <del>42</del> <del>48</del> <del>44</del> <del>45</del>
Early transitional	Number lines jumps (subtracting down) by 10s (100s, 1000s,)	17 27 37 38 39 40 41 42 43 44 45	
+	Hundreds chart or number line counting back by ones and tens		
	Sticks and dots Base ten blocks	Use actual base ten b	CHI)
		Ose actual pase tell p	10000
Counting	Counting backwards <u>by ones</u> using a hundreds chart or number line		
Early Counting	Counting backwards by ones using objects	45, 44, 43, 42, 41, 40, 39, 39, 38, 37, 36, 35, 34, 33, 32, 31, 30, 29, 28, 28, 27, 26, 25, 24, 23, 22, 21, 20, 19, 18, 17	