

Organizing Pupils' Thoughts

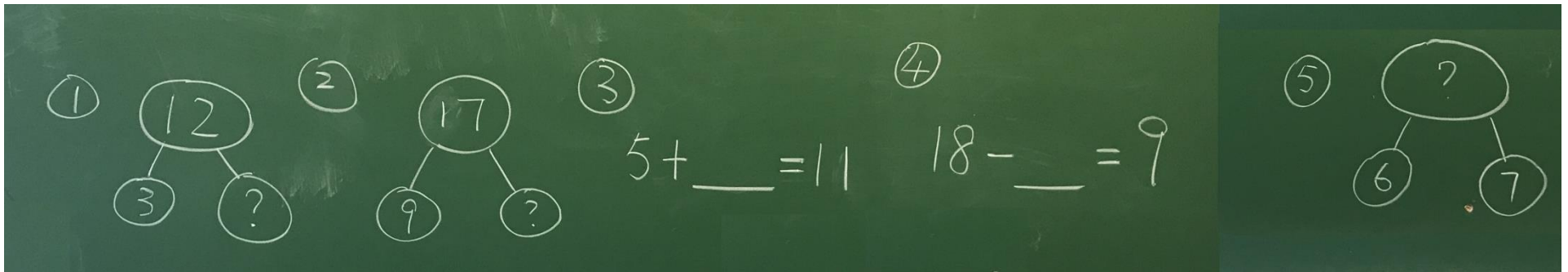


diagram					
addition	$3 + \underline{\quad ? \quad} = 12$	$9 + \underline{\quad ? \quad} = 17$	$5 + \underline{\quad ? \quad} = 11$		$6 + 7 = \underline{\quad ? \quad}$
subtraction				$18 - \underline{\quad ? \quad} = 9$	
"making 10" method	$3 + \underline{\quad ? \quad} = 12$ $= 10 + 2$ $= 3 + (7 + 2)$ $= 3 + 9$	$9 + \underline{\quad ? \quad} = 17$ $= 10 + 7$ $= 9 + (1 + 7)$ $= 9 + 8$	$5 + \underline{\quad ? \quad} = 11$ $= 10 + 1$ $= 5 + (5 + 1)$ $= 5 + 6$	$9 + \underline{\quad ? \quad} = 18$ $= 10 + 8$ $= 9 + (1 + 8)$ $= 9 + 9$	$6 + 7$ $= (6 + 4) + 3$ $= 10 + 3$ $= 13$
"doubling" method	$6 + 6 = 12$ $3 + 3 + 6 = 12$	$8 + 8 = 16$ $8 + 1 + 8 = 16 + 1$	$5 + 5 = 10$ $5 + 5 + 1 = 10 + 1$	$9 + 9 = 18$	$6 + 6 = 12$ $6 + 6 + 1 = 12 + 1$
counting methods					

Ms Lam, "Will is terrific !"