$$L = 9$$

0	1	2	3	4	5	6	7	8	9
	$V_1 \times B^8$	$V_2 \times B^7$	$V_3 \times B^6$	$V_4 \times B^5$	$V_5 \times B^4$	$V_6 \times B^3$	$V_7 \times B^2$	$V_8 \times B^1$	$V_9 \times B^0$