W= People who are wearing socks

L= People who like pizza

W	W People who are wearing socks
W	L People who like pizza
W_L	$W \cap L$ People who are wearing socks and like pizza People who are both wearing socks and like pizza
WL	$W \cup L$ People who are wearing socks or like pizza (Both) people who are wearing socks and people who like pizza
W	\overline{W} People who are not wearing socks
W	\overline{L} People who don't like pizza
W_L	$W-L$ or $W \cap \overline{L}$ People who are wearing socks and don't like pizza People who are wearing socks who don't like pizza
W	$L-W$ or $L\cap \overline{W}$ or $\overline{W}\cap L$ People who like pizza and are not wearing socks. People who like pizza who are not wearing socks.
W	$\overline{(W \cup L)}$ or $\overline{W} \cap \overline{L}$ People who are neither wearing socks nor like pizza. People who aren't wearing socks and don't like pizza

W_L	$\overline{(W \cap L)}$ or $\overline{W} \cup \overline{L}$ People who are either not wearing socks or don't like pizza People who are not both wearing socks and like pizza.	
WL	$W \cup L - W \cap L$ People who are wearing socks or like pizza but not both	