$\begin{array}{ccc}
 & 1P \rightarrow (q \rightarrow r) & \equiv & q \rightarrow (P \vee r) \\
 & 17P \rightarrow (q \rightarrow r) & 7q \vee (P \vee r) \\
 & P \vee (7q \vee r) & 7(\vee (P \wedge r)) \\
 & P \vee (r \wedge 7q) & (1(\vee r) \wedge (P \wedge 7q)) \\
 & (P \vee r) \wedge (P \wedge 7q)
\end{array}$ 

 $7P \rightarrow (q \rightarrow r) \equiv 77PV(7qVr)$   $\equiv PV(7qVr)$  $\equiv (7qVP)Vr$ 

 $9 \rightarrow (P \vee r) = 7 q \vee (P \vee r)$   $11 \vee (P \vee r) = (7 q \vee P) \vee r$ 

(79VP) Vr = (79VP) Vr