

$$\begin{array}{c}
 \dfrac{\dfrac{\dfrac{\dfrac{\dfrac{\dfrac{}{p \text{ [from above]}} \quad \dfrac{\dfrac{}{q \text{ [from case]}}}{p \wedge q} \text{ [\wedge intro]} \quad \dfrac{\dfrac{\dfrac{}{p \text{ [from above]}} \quad \dfrac{\dfrac{}{r \text{ [from case]}}}{p \wedge r} \text{ [\wedge intro]}}{p \wedge q \vee p \wedge r} \text{ [\vee intro]} \quad \dfrac{\dfrac{\dfrac{\dfrac{}{p \wedge q \vee p \wedge r} \text{ [\vee elim]}}{p \wedge q \vee p \wedge r} \text{ [\Rightarrow intro from 1]}}{p \wedge (q \vee r) \Rightarrow p \wedge q \vee p \wedge r} \text{ [\Rightarrow intro from 1]}
 \end{array}$$