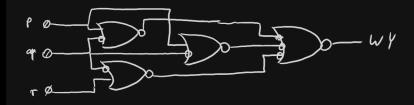
1. E.

 $(p \vee q) = > (\pi \wedge P) \equiv \neg (p \vee q) \vee (\pi \wedge P) \equiv (\neg P \wedge \neg q) \vee (\pi \wedge P) \equiv [\neg P \vee (\pi \wedge P)] \wedge [\neg q \vee (\pi \wedge P)] \equiv$ $\equiv (\neg P \vee \pi) \wedge (\neg q \vee \pi) \wedge (\neg q \vee P) \equiv \neg [\neg (\neg P \vee \pi) \vee \neg (\neg q \vee P)]$



1. E.2

1.E.5

More ze spojnikov {1, v,=>, Z=>} sa rozdzielne pravo stronnie zyladem siebre