

Semana 24

1 $(\sim P \vee \sim Q) \wedge P =$

$F \vee V = \wedge V = \underline{V}$

2 $(P \vee \sim Q) \wedge P =$

$V \vee V = \wedge V = \underline{V}$

3 $(\sim P \wedge (P \wedge \sim Q)) =$

$F \wedge (V) = \underline{F}$

4) $(P \vee \sim Q) \wedge Q =$

$V \wedge F = \underline{F}$

5) $(\sim P \wedge Q) \vee \sim P =$

$F \vee F = \underline{F}$

4

P	Q	$\sim P$	$\sim Q$	$\sim P \vee Q$	$(\sim P \vee Q) \wedge P$
V	V	F	F	V	V
V	F	F	V	F	F
F	V	V	F	V	F
F	F	V	V	V	F

2

P	Q	$\sim P$	$\sim Q$	$\sim P \wedge \sim Q$
V	V	F	F	F
V	F	F	V	F
F	V	V	F	F
F	F	V	V	V

3)

P	Q	$\sim P$	$\sim Q$	$\sim P \vee \sim Q$
V	V	F	F	F
V	F	F	V	V
F	V	V	F	V
F	F	V	V	V

4

P	Q	$\sim P$	$\sim Q$	$\sim P \wedge Q$
V	V	F	F	F
V	F	F	V	F
F	V	V	F	V
F	F	V	V	F

5

P	Q	$P \vee Q$	$\sim(P \vee Q)$	$(P \vee Q) \wedge \sim(P \vee Q)$
V	V	V	F	F
V	F	V	F	F
F	V	V	F	F
F	F	F	V	F