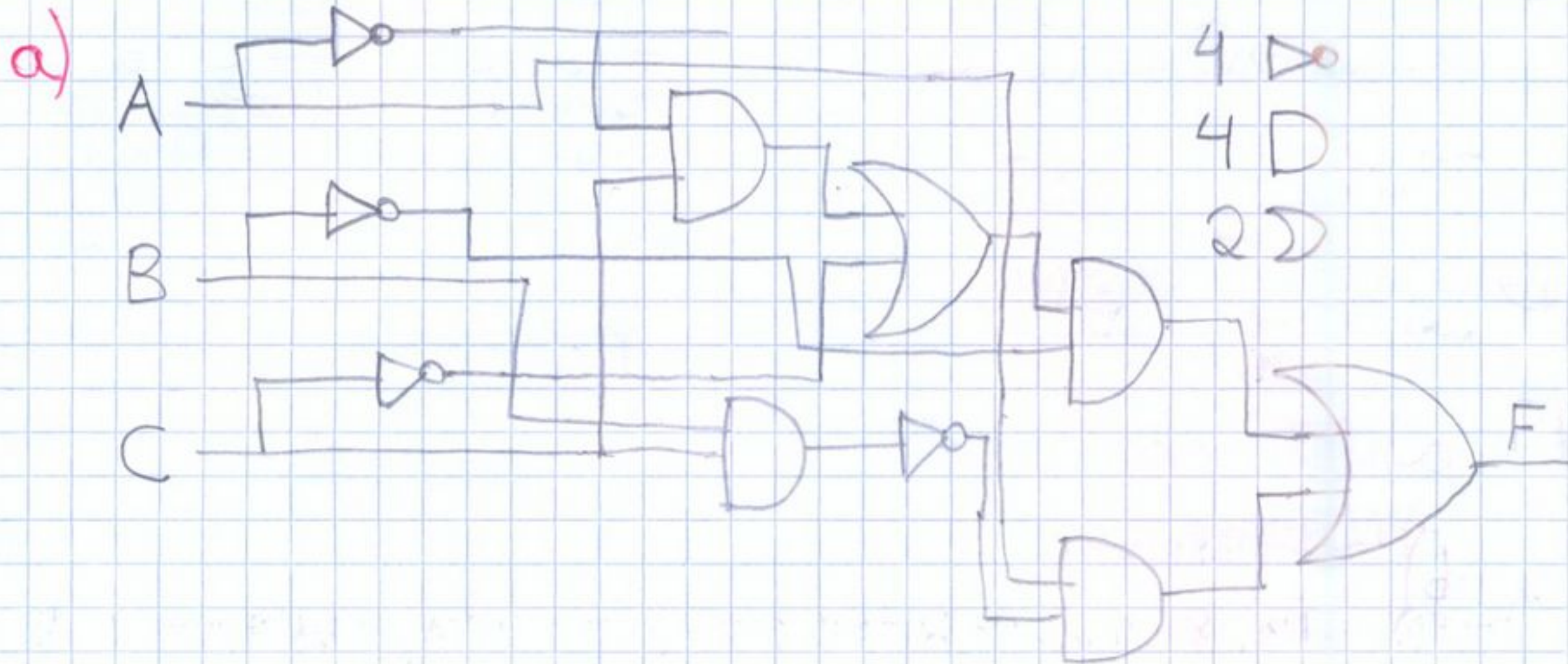


# 31 Karnaugh



b)

$$(\neg B \wedge ((\neg A \wedge C) \vee \neg C)) \vee (A \wedge \neg(B \wedge C)) =$$

$$= (\neg B \wedge \neg A \wedge C) \vee (\neg B \wedge \neg C) \vee ((A \wedge (\neg B \vee \neg C))) =$$

$$= (\neg B \wedge \neg A \wedge C) \vee (\neg B \wedge \neg C) \vee (A \wedge \neg B) \vee (A \wedge \neg C)$$

e)

	A	$\neg A$
C	X	X
$\neg C$	X	X

$\neg B$       B       $\neg B$

$$= \neg B \vee (A \wedge \neg C)$$

