a) $B.(\overline{A+C})+A \Rightarrow B.(\bar{A}\bar{C})+A \Rightarrow B\bar{A}\bar{C}+A \Rightarrow \bar{A}B\bar{C}+A$

A	B	C	F
0	0	0	0
0	0	1	0
0	1	0	1
1	0	0	1
1	1	0	1
1	0	1	1
0	1	1	0
1	1	1	1

Mk	$\bar{A}\bar{B}$ 00	$\bar{A}B$ 01	AB 11	$A\bar{B}$ 10
C 0		X	X	X
C 1			X	X

$F = A\bar{C} + B\bar{C}$

b) $A.(\overline{AB})+\bar{B}C = A(\bar{A}+\bar{B})+\bar{B}C =$

$0 + A\bar{B} + \bar{B}C = A\bar{B} + \bar{B}C$

A	B	C	F
0	0	0	0
0	0	1	1
0	1	0	0
1	0	0	1
1	1	0	0
1	0	1	1
0	1	1	0
1	1	1	0

Mk	$\bar{A}\bar{B}$ 00	$\bar{A}B$ 01	AB 11	$A\bar{B}$ 10
C 0				X
C 1	X			X

$F = A\bar{B} + \bar{B}C$

c) $(\overline{AC})B + \bar{A} = (\bar{A}+\bar{C})B + \bar{A} \Rightarrow \bar{A}B + B\bar{C} + \bar{A}$

A	B	C	F
0	0	0	⊥
0	0	1	⊥
0	1	0	⊥
1	0	0	0
1	1	0	⊥
1	0	1	0
0	1	1	⊥
1	1	1	0

MK	AB 00	AB 01	AB 11	AB 10
C_0	x	x	x	
C_1	x	x		

$F = \bar{A} + B$

d) $(\overline{A+C}).B + \bar{C} \Rightarrow \bar{A}.B.\bar{C} + \bar{C}$

A	B	C	F
0	0	0	⊥
0	0	1	0
0	1	0	⊥
1	0	0	⊥
1	1	0	⊥
1	0	1	0
0	1	1	0
1	1	1	0

MK	AB 00	AB 01	AB 11	AB 10
C_0	x	x	x	x
C_1				

$F = \bar{C}$

e) $(A+B)C + B\bar{C} \Rightarrow AC + BC + B\bar{C}$

A	B	C	F
0	0	0	0
0	0	1	0
0	1	0	⊥
1	0	0	0
1	1	0	⊥
1	0	1	⊥
0	1	1	⊥
1	1	1	⊥

MK	AB 00	AB 01	AB 11	AB 10
C_0		x	x	
C_1		x	x	x

$F = B + AC$

f) $\overline{AC} + AB = \bar{A} + \bar{C} + AB$

A	B	C	F
0	0	0	⊥
0	0	1	⊥
0	1	0	⊥
1	0	0	⊥
1	1	0	⊥
1	0	1	0
0	1	1	⊥
1	1	1	⊥

MK	AB 00	AB 01	AB 11	AB 10
C_0	x	x	x	x
C_1	x	x	x	

$F = \bar{A} + A\bar{C} + B$

g) $\overline{(\bar{A}+B+\bar{C})}+(\bar{A}B)=\bar{A}B\bar{C}+\bar{A}+\bar{B}$

A	B	C	F
0	0	0	1
0	0	1	1
0	1	0	1
1	0	0	1
1	1	0	0
1	0	1	1
0	1	1	1
1	1	1	0

MK	AB 00	AB 01	AB 11	AB 10
C_0	X	X		X
C_1	X	X	X	X

$F = \bar{A} + C + \bar{B}$

Tengo dudas en este C no cuadra en la solucion"

h) $A\bar{C}\bar{B}+C(\bar{A}\bar{C})=A\bar{B}\bar{C}+C(\bar{A}+\bar{C}) \Rightarrow A\bar{B}\bar{C}+\bar{A}C$

A	B	C	F
0	0	0	0
0	0	1	1
0	1	0	0
1	0	0	1
1	1	0	0
1	0	1	0
0	1	1	1
1	1	1	0

MK	AB 00	AB 01	AB 11	AB 10
C_0			X	X
C_1	X			

$F = A\bar{C} + C$

Tampoco cuadra en la Solución