Lab 2 “Miller Experiment 3”
Kurt Medley

Table 3 - 1

A	B	L(1)
0	0	0
0	1	1
1	0	1
1	1	1

1. L(1) = A + B

E	F	L(3)	L(4)
0	0	0	1
0	1	1	0
1	0	1	0
1	1	1	0

2. (E + F) + -(E + F)

A	B	L(1)	-A	-B	(A+B)	-(A+B)
0	0	1	1	1	0	1
0	1	0	1	0	1	0
1	0	0	0	1	1	0
1	1	0	0	0	1	0

3. L(1) = -(A+B)

E	F	L(3)	L(4)	(E+F)	-(E+F)	--(E+F)
0	0	1	0	0	1	0
0	1	0	1	1	0	1
1	0	0	1	1	0	1
1	1	0	1	1	0	1

4. L(3) = -(E+F)
L(4)= --(E+F)

A	B	L(1)	AB	-(AB)
0	0	1	0	1
0	1	1	0	1
1	0	1	0	1
1	1	0	1	0

5. L(1) = -(AB)

E	F	L(3)	L(4)	EF	-(EF)
0	0	1	0	1	0
0	1	1	0	1	0
1	0	1	0	1	0
1	1	0	1	0	1

6. L(3) = EF
L(4) = -(EF)

7. AB + -BC + AC = L(1)

A	B	C	AB	AC	-BC	AB+(-BC)	(-BC) +AC	AB +AC	L(1)
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	1	1	1	1	1
0	1	0	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
1	0	1	0	1	1	1	1	1	1
1	1	0	1	0	0	1	0	0	1
1	1	1	1	1	0	1	1	1	1