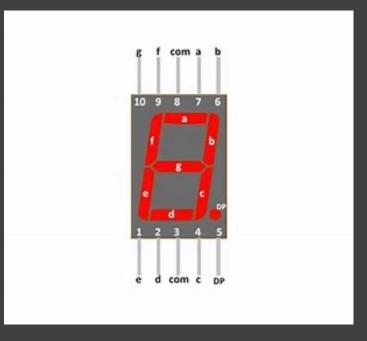
Truth Table

Troth table										
ites P	000	Name B E R R Y C H		0101101	101110	1 1 0 0 1 1	71110	111111111111	91111011	



Simplification

```
Fa(A,B,C)= (4,6)

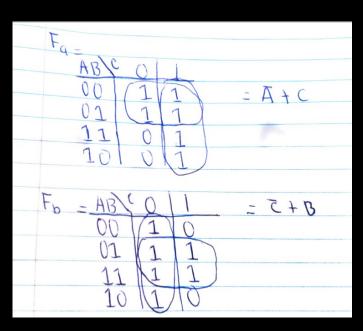
Fa=ABC + \overline{ABC} + \overline{ACC} + \overline{ABC} + \overline{ACCB} + \overline{BC} + \overline{ACCB} + \overline{BC} + \overline{ACCB} + \overline{ACCB}
```

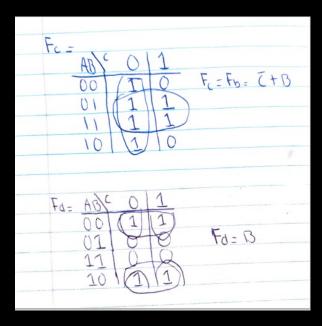
```
Fa(A,B,O) = (2,3,7) =
Fd=ABC + ABC + ABC
= AB(C+C) + AB(C+C)
= AB + AB
= B(A+A)
= Fd=B
```

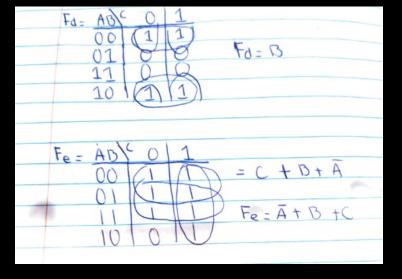
```
Fec A, B, O = (4)
Fe=ABC + ABC + ABC + ABC + ABC + ABC + ABC + ABC
= ABCE+O + ABCE+O + ABCE+O + ACC3+B)
 = 43 + AB + AB + AC
   = ACB+B) + BCA+A) +AC
     = A+B+AC B+ A+C
         Fe= A+B+C
FFCA,B,O=
FR= ABC + ABC + ABC + ABC + ABC + ABC
+ ABC
 = ABCC+C) + ABCC+C) + ABCC+C) +
 ABCZ +C)
     = AB + AB + AB + AB
     = A(B+B) + A(B+B)
          1 = A + A
          Fr= 1
```

Fg(A,B,C)=(5)
Fg=ĀBĒ +ĀBC +ĀBĒ +ĀBC +ĀBĒ
+ ABĒ +ABC
= ĀBCĒ+C) +ĀBCĒ+O) + ĀĒCĒ+D)
F AB(Ē+C)
= ĀB +ĀB +ĀĒ +ĀB
Ā(Ē+B) +ĀĒ +BCĀ+A)
Ā +ĀC +B
Ā +Ē +B
Fg=Ā +B +Ē

K-maps







FF =	AB C 0 1 00 1 01 1 10 1	Fc-)
Fg=	AB C 0 1 00 (D) 01 (T) 11 (1) 10 (0)	= \(\bar{c} + B + \bar{A}\) Fg= \(\bar{A} + B + \bar{c}\)

Boolean Expressions

