Examples in Boolean Expression Simplification:

```
Expression

C + (BC)

C + (BC)

Original Expression

C + (B + C)

DeMorgan's Law

(C + C) + B

Commutative, Associative Laws

1 + B

Identity Law
```

(A)B + BA + A + A(B)	Redundancy
	Rearranging
(A)B + A(B + 1 + B)	Commutative
AB + A	Redundancy
A + B	Identity
A(A + BC) + A(B + C)	
Expression	Rule(s) Used
	Rule(s) Used
Expression	Rule(s) Used
Expression A(A + BC) + A(B + C)	Rule(s) Used
Expression A(A + BC) + A(B + C) AA + ABC + AB + AC	Rule(s) Used

Send comments to: sikuyath@uncc.edu last modified: August 29, 2006

A (1 + B + C)