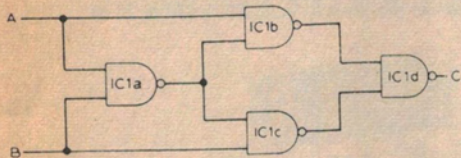
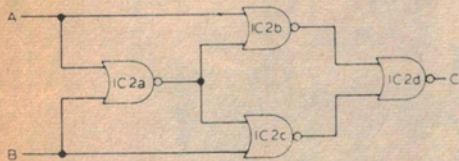


# Ideas for experimenters

IC1 - QUAD 2 INPUT NAND GATE



IC2 - QUAD 2 INPUT NOR GATE



## Exclusive OR and NOR gates

When constructing logic circuits which need either an exclusive OR or exclusive NOR gate, and one is not available, the following arrangement of NAND or NOR gates can produce the required results. The circuits can be constructed using standard TTL or CMOS gates.

IC1  
TRUTH TABLE

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

IC2  
TRUTH TABLE

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