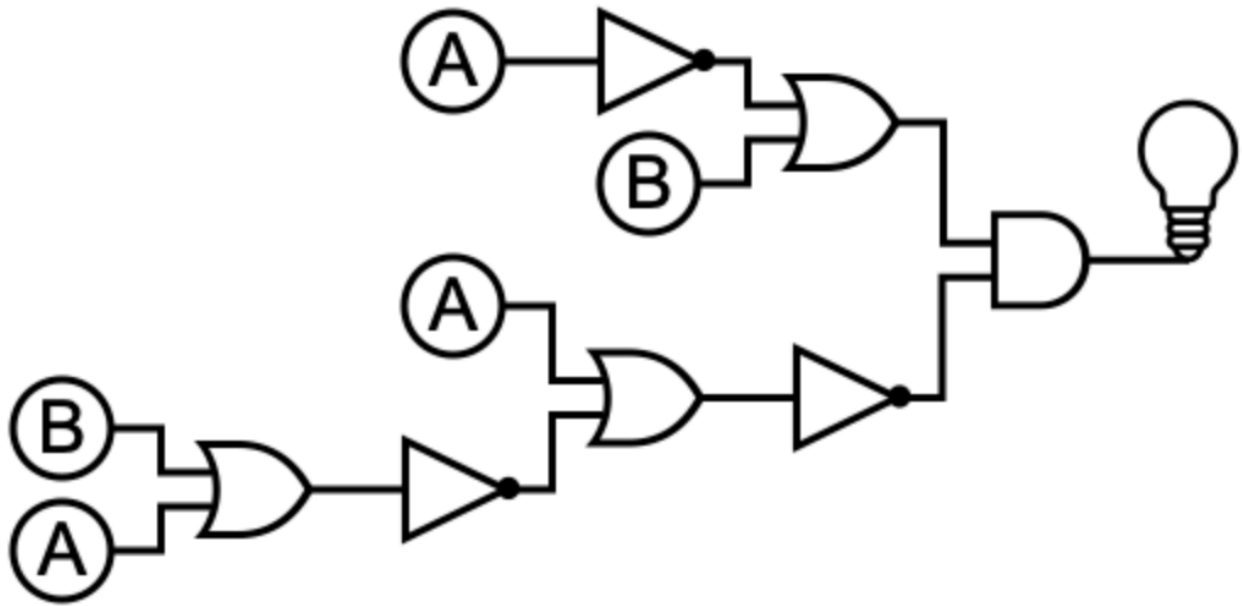


Boolean Algebra



How many gates are used? =

Q =

A	B	Q
0	0	
0	1	
1	0	
1	1	

Use your program to write the steps of your simplification:

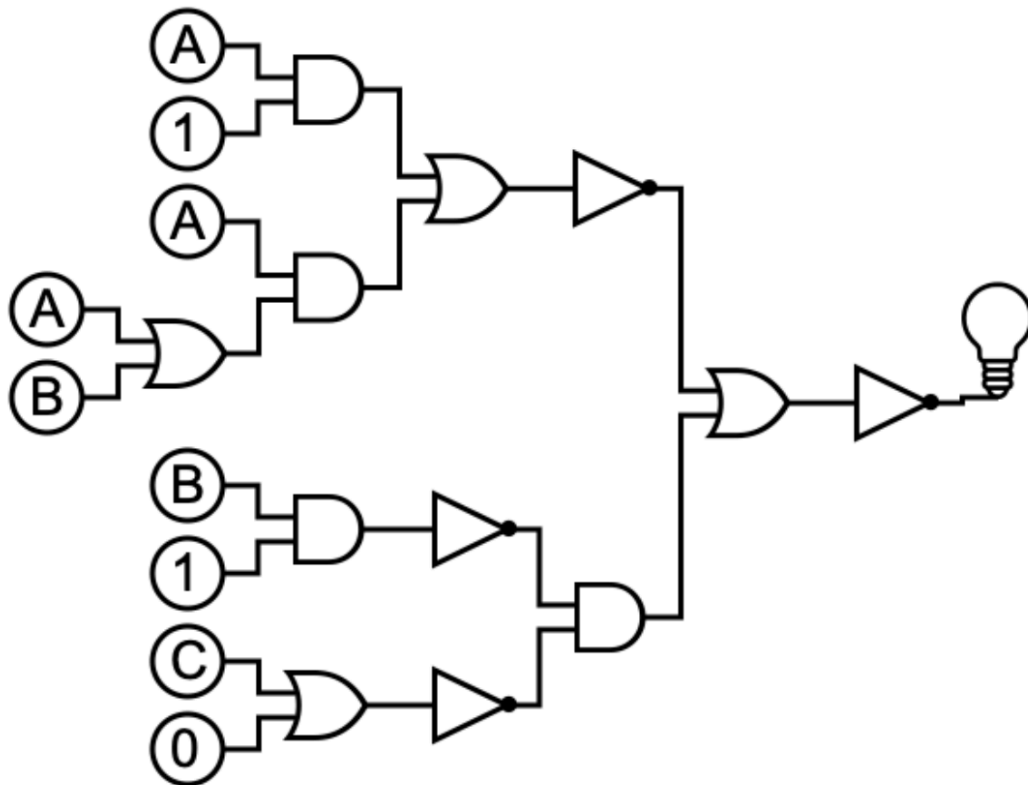
Q =

Build your new circuit and fill out the truth table to confirm it's the same:

A	B	Q
0	0	
0	1	
1	0	
1	1	

How many gates are used now? =

Boolean Algebra



How many gates are used? =

Q =

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

Use your program to write the steps of your simplification:

Q =

Build your new circuit and fill out the truth table to confirm it's the same:

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

How many gates are used now? =