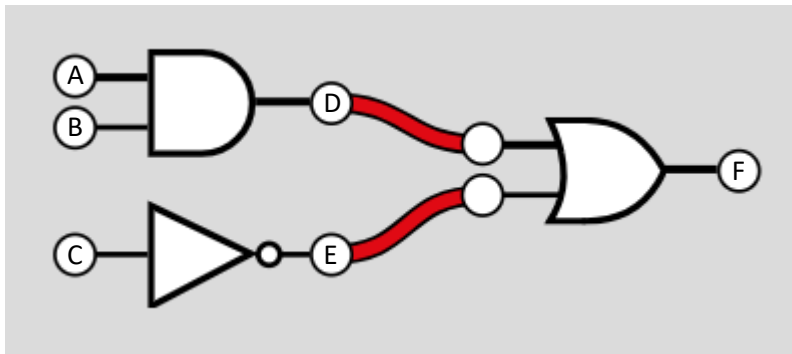


1. Create a truth table for the logic gate above.



2. Write the logic equation for the logic gate above

-----

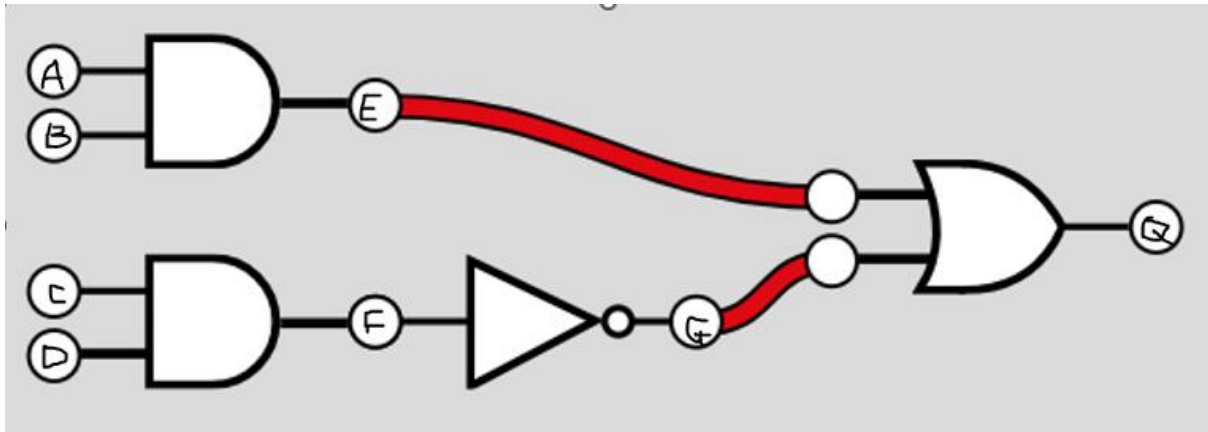


3. Create the truth table for the logic gate above.



4. Write the logic equation for the logic gate above

-----



5. Complete the following truth table.

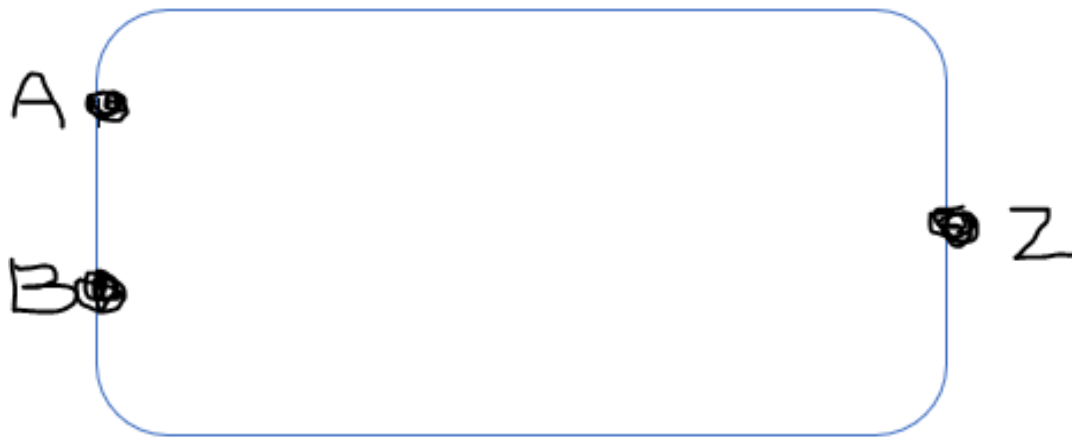
A	B	C	D	E	F	G	Q
			0				
			1				
			0				
			1				
			0				
			1				
			0				
			1				
			0				
			1				
			0				
			1				
			0				
			1				
			0				
			1				

6. Write the logic equation for the logic gate above

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7. Draw the logic diagram for the following logic equation

$$Z = ((\text{NOT } B) \text{ AND } (A \text{ AND } B))$$



8. Draw the truth table for the above logic equation

A	B			Z