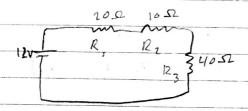
HWI 1, 0. 3+4 00 11 + 0100 Nooreflow -4 + 8 b. 1100 10100 overflow 1 + (-9) **C** . 0001 + 1 1001, 11010 overflow d. (5)+(-3) -5 = 1011 -3 = 101110 overflow

2. V= IR



Total: V=IR

12 = [(70)

I = 12 = .1714 cmps

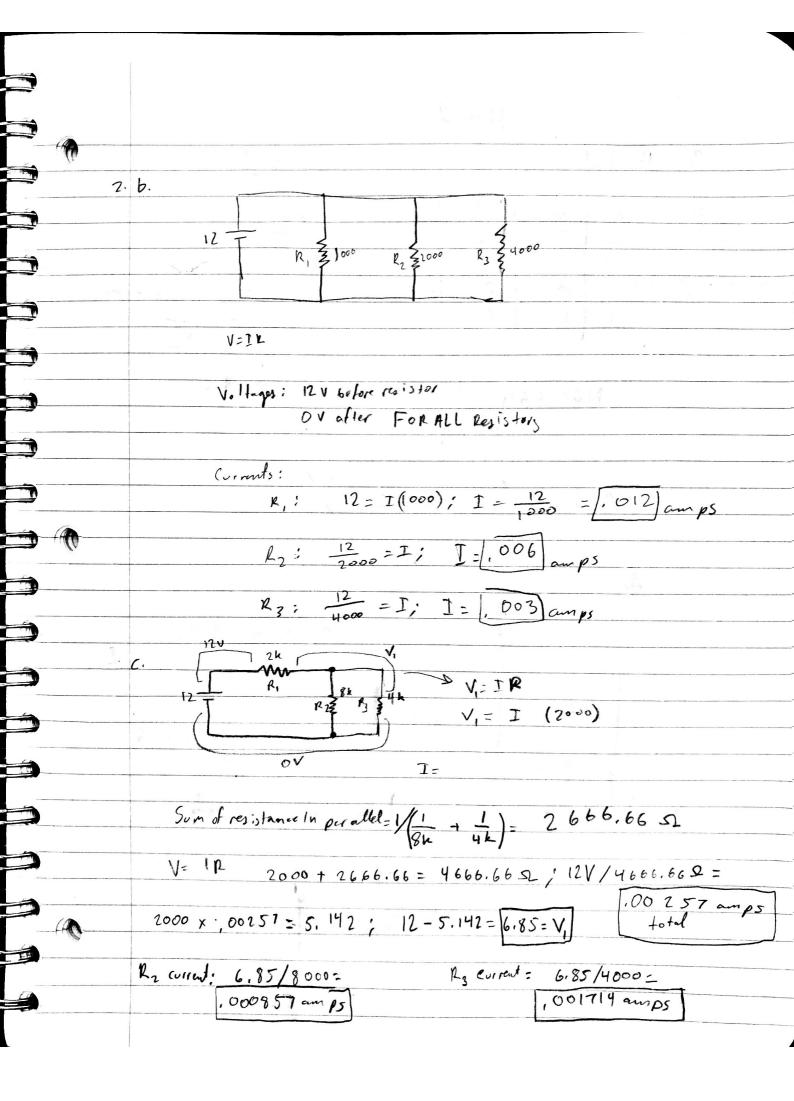
series: current stays the same.

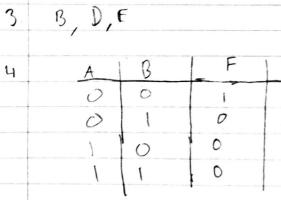
 R_{i} : $V=IR_{i}$ $V=\frac{12}{70}(20)=3.42 diop$

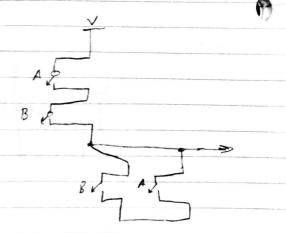
Rz: V= IR

V= (12) (10) = 1.714 drop

 $R_3: V = TR$ $V = \begin{pmatrix} 12 \\ 70 \end{pmatrix} (40) = 6.85 drop$







NOR GATE

A	B	C	F
0	0	0	0
0	0	I	1
O	1	0	0
O	١	1	0 0
]	0	0	0
1	0	1	1
1	1	0	0
l	1	1	10