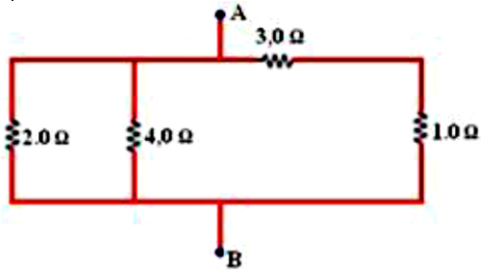




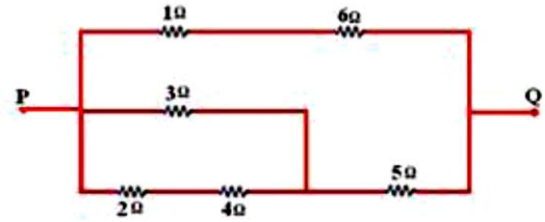
ASSOCIAÇÃO DE RESISTORES II

01- (UFB) Em cada uma das associações abaixo, calcule a resistência do resistor equivalente entre os pontos especificados:

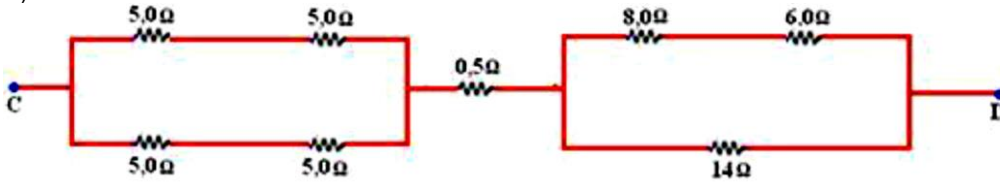
A)



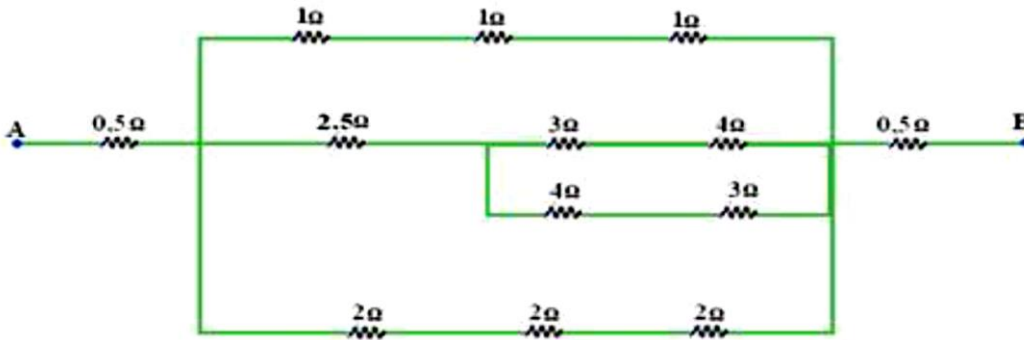
B)



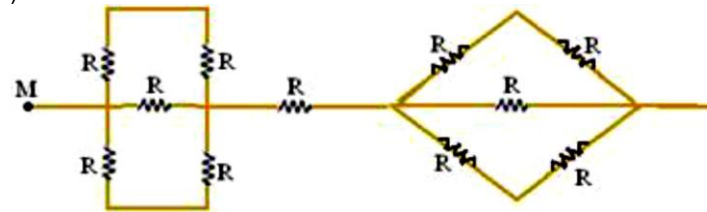
C)



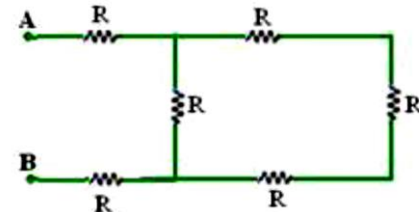
D)



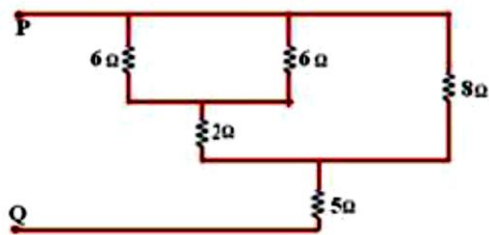
E)



H)



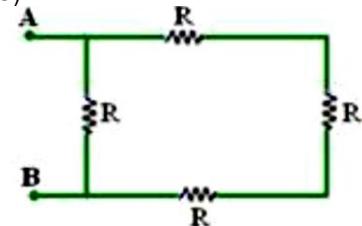
F)



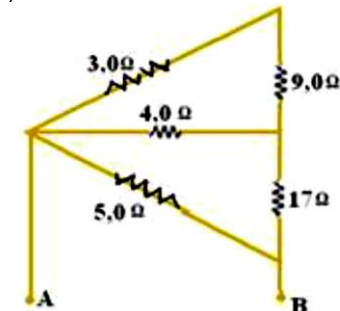
I)



G)



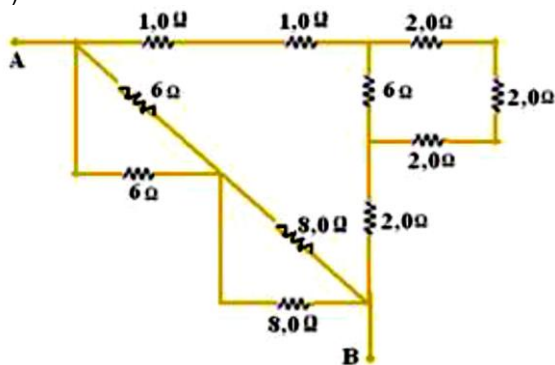
J)



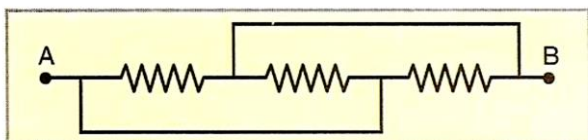


ASSOCIAÇÃO DE RESISTORES II

K)

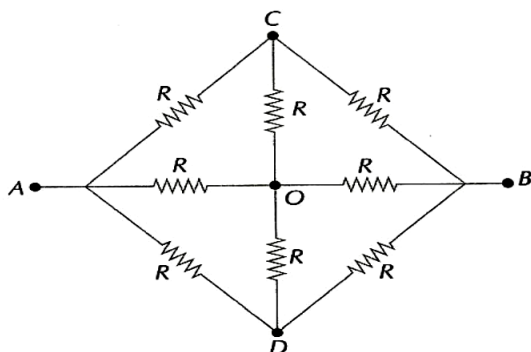


2º) As resistências do circuito abaixo tem intensidade R, qual é o valor da resistência equivalente?

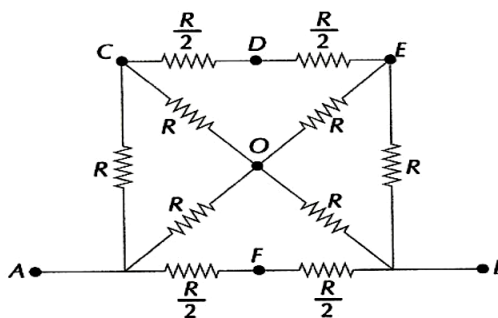


3º) Determine a resistência equivalente, entre os terminais A e b, dos circuitos abaixo:

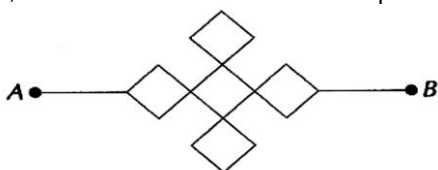
a)



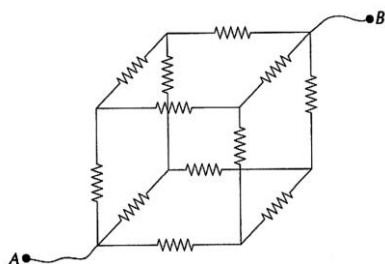
b)



4º) A figura mostra cinco quadrados, com lados de 10 cm cada um, construído com fio de resistividade $1 \mu\Omega.m$ e seção transversal de $0,2 \text{ mm}^2$. Determine a resistência equivalente entre os pontos A e B.



5º) Os doze resistores da figura possuem a mesma resistência elétrica R e ocupam as arestas de um cubo. Qual a resistência elétrica equivalente entre os terminais A e B?



1ºA	1	1ºB	12,5	1ºC	3,5	1ºD	1,5	1ºE	2R
1ºF	105/13	1ºG	3R/2	1ºH	7R/2	1ºI	11	1ºJ	4
1ºK	3,5	2º	R/3	3º	A- R/3 B-8R/15	4º	1,5	5º	5R/6