

Circuite Prelab I

1) a. Infinite, parallel b. zero, senes 2) for a current divider: (Nout = Vin (R2/R2+R1) 6- "ideal"

Vout - Kz

Worth - Vout = R2+6R2

(fluding equivalent registances:

2)2R112R + t= t+ t= 2= + : R 3)2R114R + t= 2k+2k= 2k= k : R 4) R 50... $|\tau = \frac{1}{2}R$, $|\cdot| = |\tau/2|$, $|\cdot|_{2} = |\cdot|_{2}$

4) you can eigher use 2 resistors in sevice on the Trungi", or two in paramet on the "sides". Using the former soves use use nesistor. Your

1) R: 280 279.9

RR: 1/4 W