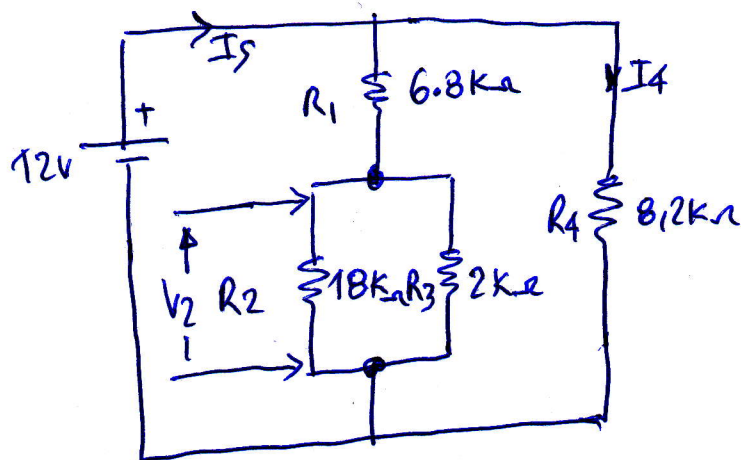
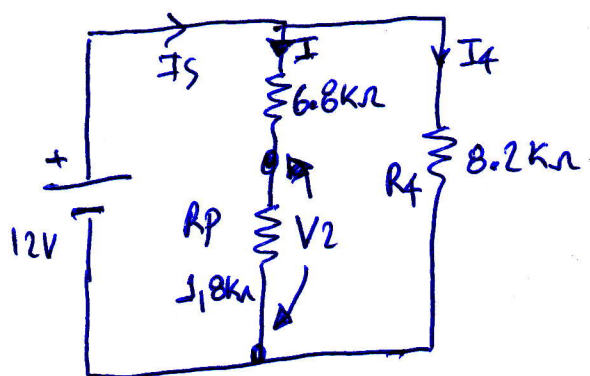


3



SIMPLIFICAMOS LA COMBINACIÓN EN PARALELO. $18k \parallel 2k = 1,8k\Omega$.



$$I = \frac{12V}{6.8k + 1.8k} = 1395\mu A \quad I_4 = \frac{12V}{8.2k} = \boxed{1463\mu A} *$$

$$I_5 = 1395\mu A + 1463\mu A = \boxed{2858\mu A} = \boxed{2.858mA} *$$

$$V_2 = I \cdot 1.8k = 1395\mu A \cdot 1.8k\Omega = \boxed{2,511V} *$$