we compute the voltages at each node: There is 3 mA current in the Cou direction.

$$\frac{2}{3} + \frac{1}{3} = \frac{2}{3} + \frac{2}$$

$$-\frac{27}{3mA}$$
 $-\frac{66}{R_2} = +VI = +117 \text{ mW}$ (117 mW absorbed or -117 mW supplied)

3mM
$$\Leftrightarrow$$
 $= -VI = -243 \text{ mW}$ (243 mW supplied)

The resistors absorb (90+45+27+9) mW which equals

the supplied power by the sources (45-117+243) mW.

Q.F. (Alt: Regy = Comment division: In = 24+164+184 = 1k(Q) => Ve = 1k.12m=12lM 5x+ 6x+ 13x 1/2K -12m(A) = 6m(A)=> Io= VR = 6m (4)

