KCL :-

$R_p = \frac{1 \times 1}{1+1} = 0.5\,k\Omega$.

$R = 1 + 0.5 = 1.5\,\Omega$.

$I = V/R = 3/1.5 = 2\,A$.

current division :-

$$I = \frac{I_1 \times R_1}{R_1 * R_2}$$.

$I_1 = 2\,mA \times \frac{1\,k\Omega}{2\,k\Omega}$.

$I_1 = 1\,mA$.

$$I_2 = \frac{I \times R_2}{R_1 + R_2}$$.

$= 2\,mA \frac{\times 1\,k\Omega}{2\,k\Omega}$.

$I = I_1 + I_2 =$

$= 1\,mA + 1\,mA$,

$= 2\,mA$.