Fig.1

$$V_{THEV} = V_2 + IR_1 + V_3$$

(LOAD REMOVED)

$$= 20 + (-0.5)(10) + 5$$

$$= 20 - 5 + 5$$

$$= \boxed{20V}$$
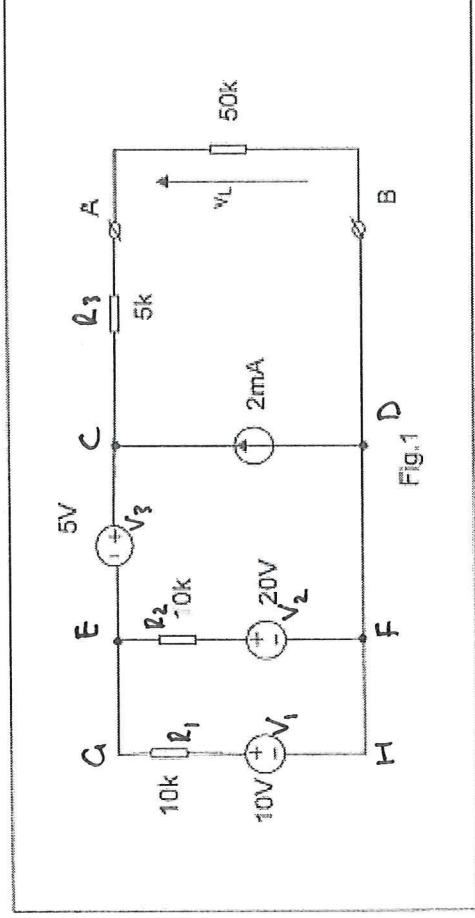
$$I = \frac{V_1 - V_2}{R_1 + R_2}$$

$$= \frac{10 - 20}{10k + 10k}$$

$$= \frac{-10}{20k}$$

$$= \boxed{-0.5mA}$$

$$R_{THEV} = R_3 + \frac{R_1 R_2}{R_1 + R_2}$$

$$= 5 + \frac{10 \times 10}{20}$$

$$= 5 + \frac{100}{20} = 5 + 5 = \boxed{10k}$$

$$V_{THEV} = 20V$$

$$R_{THEV} = 10k$$