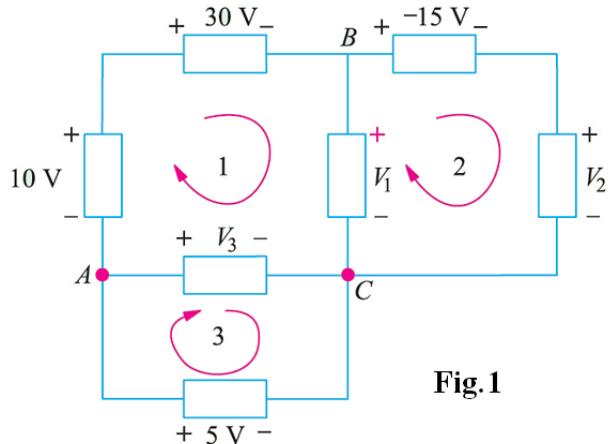


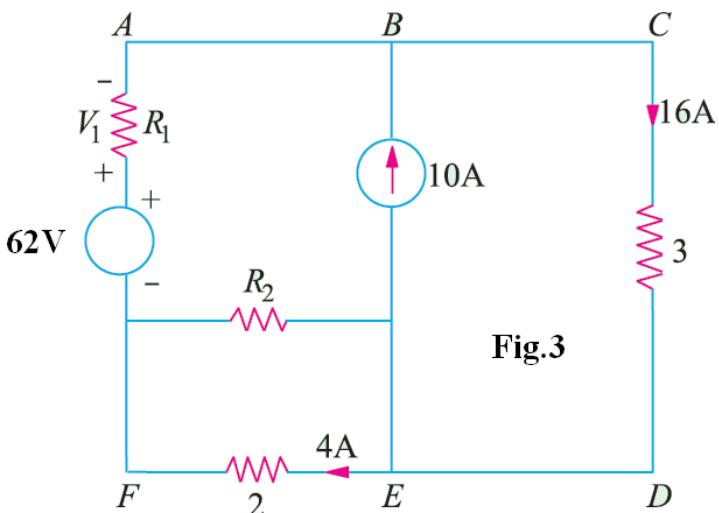
P-01

Applying Kirchhoff's laws to different loops in Fig. 1, find the values of V_1 and V_2 .



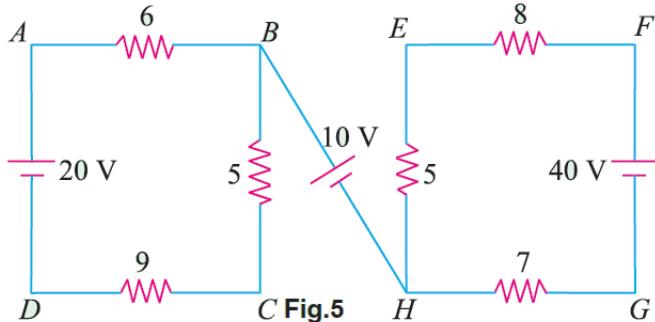
P02

Find the unknown voltage V_1 in the circuit of Fig. 3



P03

For the circuit shown in Fig. 5, find V_{CE} and V_{AG} .



P04

In the network of Fig. 3, the different currents and voltages are as under :
 $i_2 = 5e^{-2t}$, $i_4 = 3 \sin t$ and $v_3 = 4e^{-2t}$

Using KCL, find voltage v_1 .

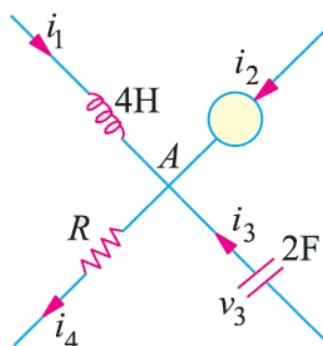


Fig. 3