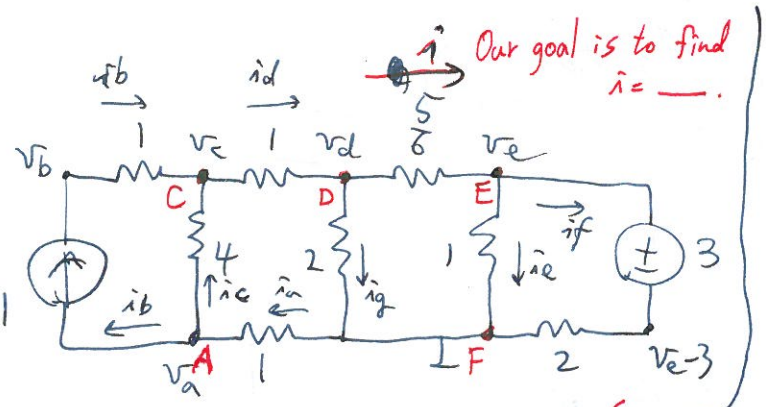

Let $a=i_a$, $b=i_b$, $c=i_c$, ..., and so on.

Then apply KCL

A: $1 + \frac{a-c}{4} = \frac{0-a}{1}$

C: $1 + \frac{a-c}{4} = \frac{c-d}{1}$

D: $\frac{c-d}{1} + \frac{6}{5}(e-d) = \frac{d}{2}$

E: $\frac{6}{5}(e-d) + e + \frac{e-3}{2} = 0$

F: $\frac{0-a}{1} = \frac{d}{2} + \frac{e}{1} + \frac{e-3}{2}$

$$\Rightarrow \begin{cases} 5a - c + 4 = 0 \\ a - 5c + 4d + 4 = 0 \\ 10c - 10d + 12e - 12d - 5d = 0 \\ 12e - 12d + 10e + 5e - 15 = 0 \\ -2a = d + 2e + e - 3 \end{cases}$$

The rest is a way to solve these equations:

$$\Rightarrow \begin{cases} -2a - d - 3e + 3 = 0 \end{cases}$$

$$\begin{matrix} & a & c & d & e \\ ① & -2 & 0 & -1 & -3 & 3 \\ ② & 5 & 0 & -1 & 0 & 4 \\ ③ & 1 & -5 & 4 & 0 & 4 \\ ④ & 0 & 10 & -22 & 12 & 0 \\ ⑤ & 0 & 0 & -12 & 27 & -15 \end{matrix} \Rightarrow \begin{matrix} & a & d & e \\ & -2 & -1 & -3 & 3 \\ & 5 & -1 & 0 & 4 \\ & 1 & -19 & 12 & 8 \\ & 0 & -4 & 9 & -5 \end{matrix}$$

$$\begin{matrix} & a & d & e \\ & 2 & 1 & 3 & -3 \\ & 0 & 7 & 15 & -23 \\ & 0 & -20 & 9 & 11 \\ & 0 & -4 & 9 & -5 \end{matrix}$$

$$\begin{matrix} & a & d & e \\ & 2 & 1 & 3 & -3 \\ & 0 & -\frac{7}{2} & -\frac{15}{2} & \frac{23}{2} \\ & 0 & -20 & 9 & 11 \\ & 0 & -4 & 9 & -5 \end{matrix}$$

Answer:

$$i = \frac{V_d - V_e}{\frac{6}{5}} = 0$$

$-16d + 16 = 0$

$d = 1$

$\Rightarrow e = 1$