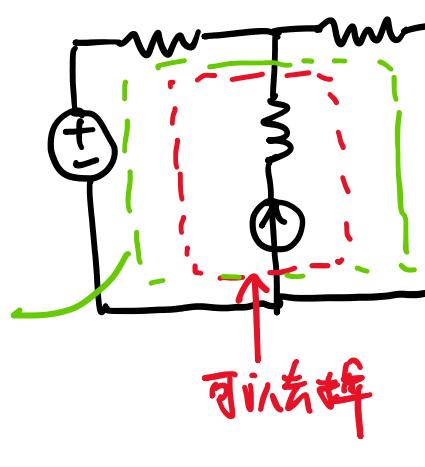
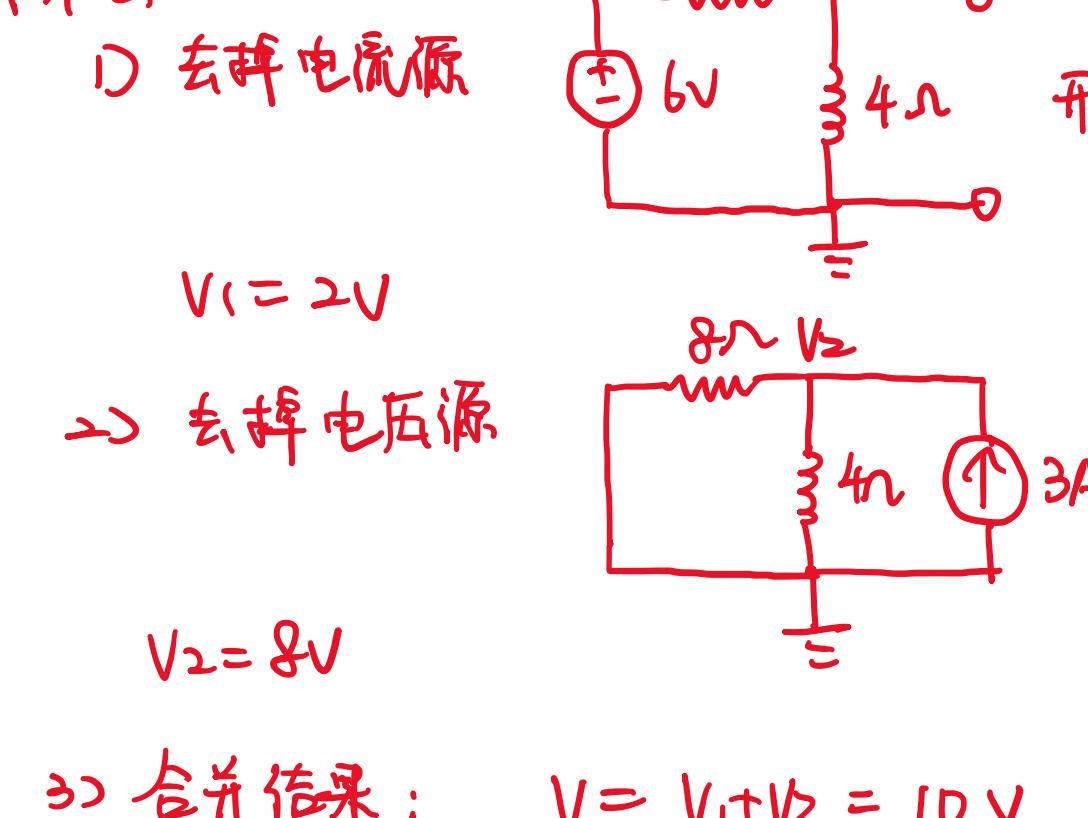
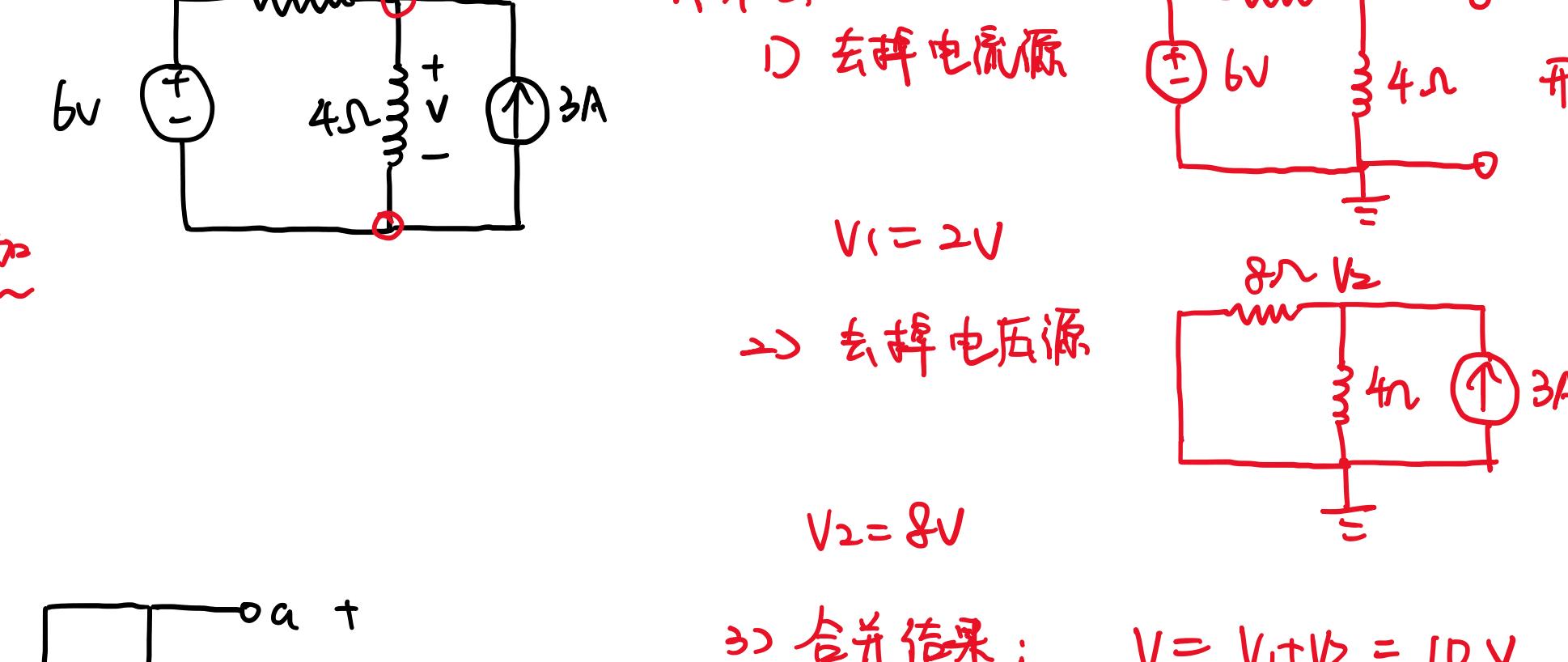


Super Loop.  
 1) 电源提供电流条件约束  
 2) 自身没有电流源  
 3) 同时应用 KVL & KCL. Super Loop 可以去掉



Linear Circuit:  
 只包含线性元件的电路

Super position:  
 多个元件影响的节点  
 各个元件的效果可以相互叠加



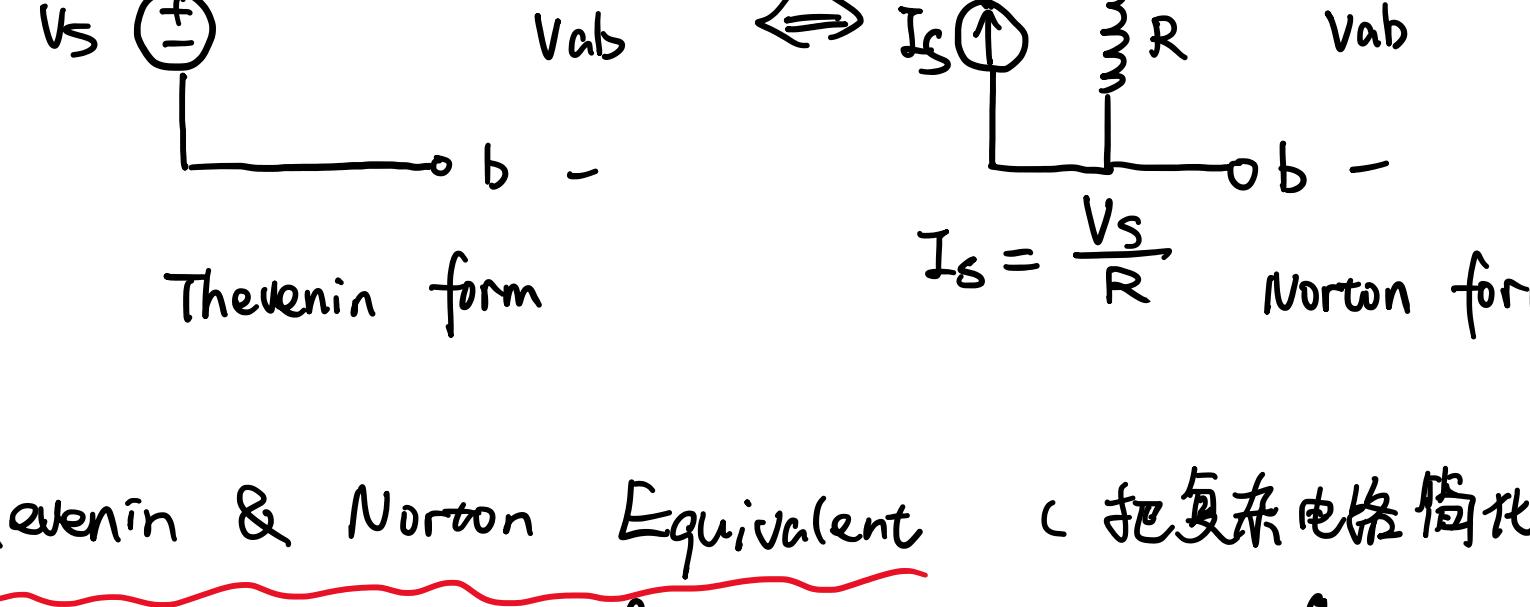
$$V_1 = 2V$$



$$V_2 = 8V$$

$$\Rightarrow \text{合并结果: } V = V_1 + V_2 = 10V$$

Source Transformation



$$\text{Thevenin form: } I_S = \frac{V_S}{R}$$

$$\text{Norton form: } V_{ab} = I_S R$$

$$V_{ab} = \frac{V_S}{R} R$$

$$V_{ab} = V_S$$

$$V_{ab} = V_S$$