- Vth=VOC (open circuit)
- I-Norton=ISC (short circuit)
- If there is No INDEPENDENT Sources
  - both Vth and I-Norton=0

- To find Rth=Req, ALWAYS set the INDEPENDENT sources=0
  - If no dependent source -> you may be able to find Rth by series, parallel rules
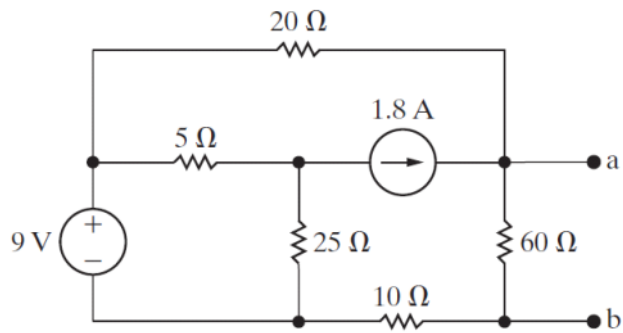 - If there is dependent source, you need to apply Vs and find Is. Then Rth=Vs/Is
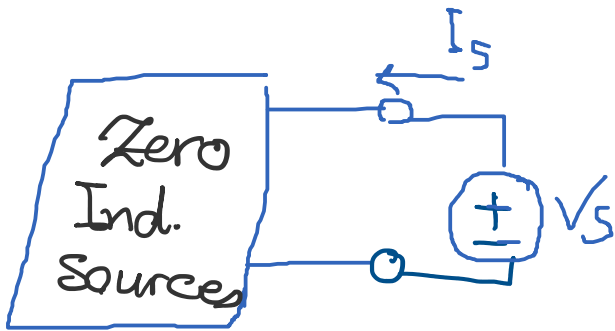
$$R_{th} = R_{eq} = \frac{V_s}{I_s}$$

Exercise 6, Question 1
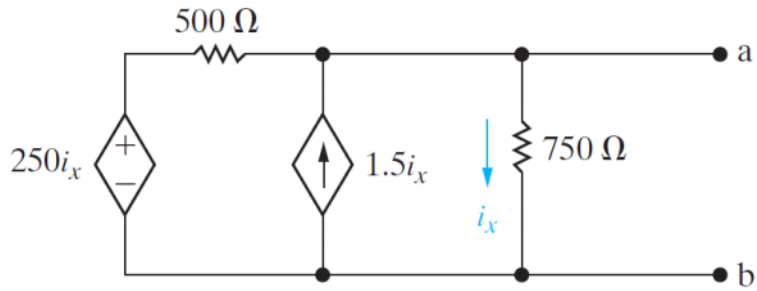
Find Thevenin Equivalent from terminals a, b:

Figure P4.78

Exercise 6, Question 2

4.81 Find the Norton equivalent with respect to the terminals a,b for the circuit seen in Fig. P4.81.

Figure P4.81

Exercise 6, Question 3

Find Thevenin Equivalent seen by the 10 Ohm resistor: