

(d)

(科目:)清华大学数学作业纸



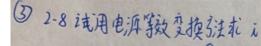
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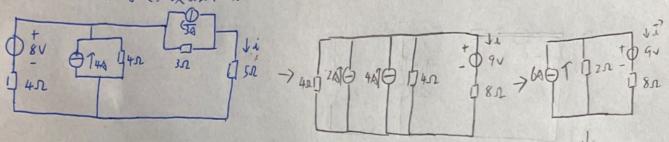
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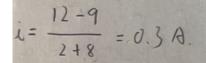
姓名:

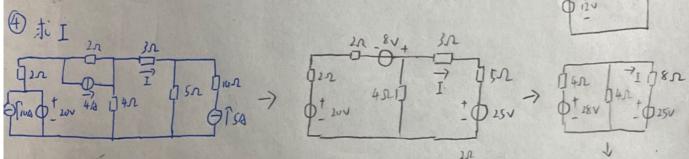
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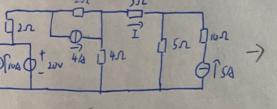
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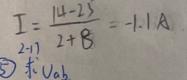


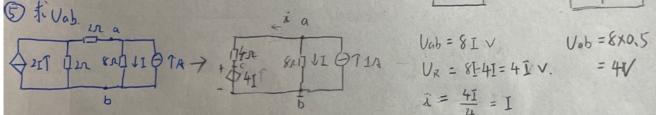


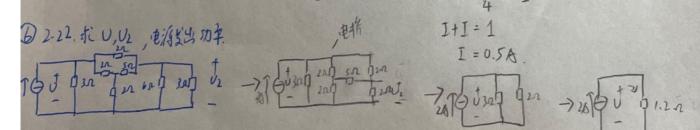








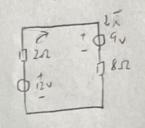


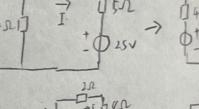


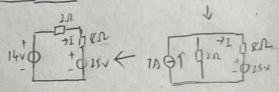
$$U = 1.2 \times 2^{2} = 2.4 \text{V}$$

$$U_{2} = \frac{2}{2+2} U = 1.2 \text{V}$$

$$P_{5} = 1.2 \times 2.4 = 4.8 \text{W}$$







$$V_{ab} = 8I \lor V_{ab} = 8x0.5$$
 $V_{R} = 8I-4I = 4I \lor . = 4V$
 $I = \frac{4I}{4} = I$