$$10 - 5 - 2i - 1i = \phi$$

$$5 = 2i + i$$

$$5 = 3i$$
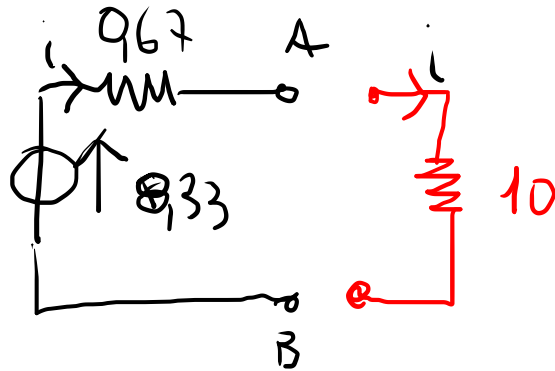
$$i = \frac{5}{3} \simeq 1.67 \, A$$

$$V_{ab} = 5 + 2 \cdot i =$$

$$= 5 + 2 \, 1.67 \simeq 8.33 \, V$$
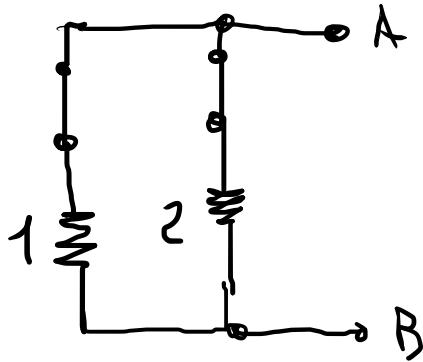
$$R_{eq} = \frac{2 \cdot 1}{2+1} = \frac{2}{3} = 0{,}67 \ \Omega.$$

$$8{,}33 - 0{,}67 \cdot i - 10 \cdot i = 0$$

$$8{,}33 = 0{,}67 \, i + 10 \, i$$

$$8{,}33 = 10{,}67 \, i \qquad i = \frac{8{,}33}{10{,}67}$$

$$i = 0{,}78 A.$$

$$V_{ab} = 10 \cdot 0{,}78 = \underline{7{,}8 \, V} \qquad . \qquad 7$$