1.
$$\frac{1}{160} = \frac{1}{160} = \frac{1}{3} \times 10^{2} = \frac{1$$

$$\frac{0-00}{10k} = 100u(0-0) \Rightarrow 0' = -00$$

$$\frac{(-0)}{10k} = 100u(0-0)' + 100u(0-00)'$$

$$\Rightarrow 1-0=0'+0'-00'$$

5.
$$\hat{n}_{c} = 0.2 \text{ Ve(t)}$$
 $\hat{n}_{c}(\hat{o}t) = 0$, $\hat{v}_{c}(\hat{o}t) = 0$,

$$5\vec{n}c = \left(\vec{n}c + \frac{\sqrt{c}}{2}\right) + \frac{\sqrt{c} + \vec{n}c + \frac{\sqrt{c}}{2}}{4}$$