(2) 
$$4\eta \times 10^3 = 4\eta \times 0$$
  $820 \times 10^9 = 82 \times 0$   $920 \times 10^9 = 82 \times 0$   $920 \times 10^9 = 82 \times 0$ 

9. (1)
$$\begin{array}{c}
R_1 = 1000 \\
\hline
W\\
V_1 = 150V
\end{array}$$

$$\begin{array}{c}
V_1 = 150V
\end{array}$$

$$\begin{array}{c}
V_1 = 6A
\end{array}$$

made a) kcl hotII+
$$\lambda_1=0$$
.  
 $\lambda_0+6=-\lambda_1$ ,  $\lambda_1=-(\lambda_0+6)$ 

(2) Simulation 学中. (1)可用型 等數 改同 中日.

3(1) EARSHHU Node Eq.

15-7(VE-20)+12-15VE+12-7(VE-15)=0

$$I_2 = \frac{v_{e-15}}{15k} = \frac{9.106-15}{15k} = -3.93 \cdot 10^{-4} = -393.0 \,\mu\text{M}. \quad (\text{EQ 9})$$

(2) Smulation 보라 (1)에서와 됐한 간이 4분다

4.(a)Annobles KVL是 onstre

$$-10+0.8+RI_1 = -10+0.8+R.10^{-2} = 0$$

- : (20-0-9) 樹 沙里里
- (b). LEDel 28th 0.8, 25th 10.0m/ole3

  P=VI=0.8 x 10.10=0.8 10=0.0 10=0.8 10=0.0 10=0.0 10=0.0 10=0.0 10=0.0 10=0.0 10=0.0 10=0.0 10=0.0 10=0.0 10=0.0 10=0.0 10=0.0 10=0.0 10=0.0 10=0.0 10=0.0 10=0.0 10=0.0

《樹峰》 "梅姆斯 烟湖 艷煜 烟啦山다.