$\qquad$

For the pnp transistor circuit shown, calculate $i_{C}$ and $v_{C E}$ for $V_{B B}=9.5 \mathrm{~V}$,

$V_{B B}=3 \mathrm{~V}: i_{C}=$ $\qquad$ $v_{C E}=$ $\qquad$

