Name\_\_\_\_\_

For the *pnp* transistor circuit shown, calculate  $i_C$  and  $v_{CE}$  for  $V_{BB} = 9.5$  V, 7 V, and 3 V. For the transistor,  $\beta_F = 75$ .

 $V_{BB} = 9.5 \text{ V: } i_C = \underline{\qquad} v_{CE} = \underline{\qquad}$ 

 $V_{BB} = 3 \text{ V: } i_C = \underline{\hspace{1cm}} v_{CE} = \underline{\hspace{1cm}}$ 

