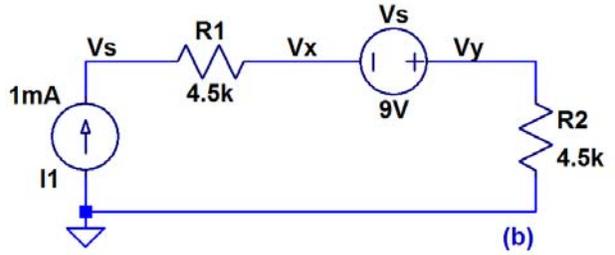
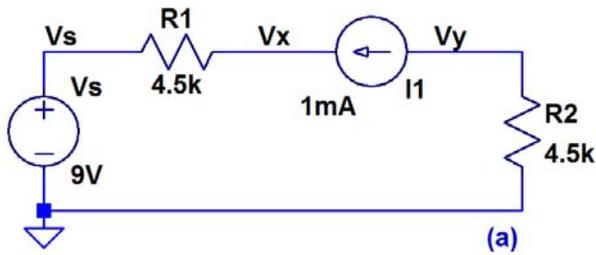


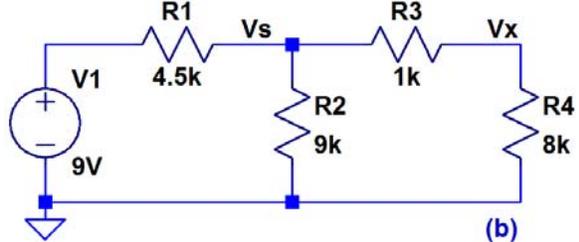
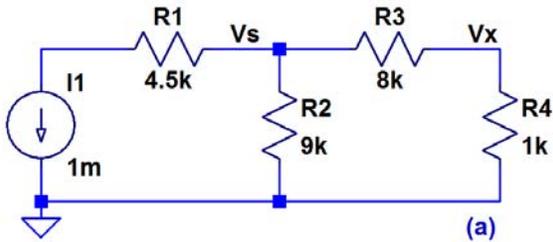
H.W. #5 EE 220 Spring 2017

Show your work for credit and put boxes around each of your answers!

1. Find the voltages  $V_x$  and  $V_y$  in each of the following circuits. Verify your hand calculations using LTspice. (4 points)



2. Find the voltages  $V_s$  and  $V_x$  and the current through  $R_2$  in each of the following circuits. Verify your hand calculations using LTspice. (6 points)



3. **Using superposition** show how to find  $V_x$  in the following circuits. Verify your hand calculations using LTspice. (6 points)

