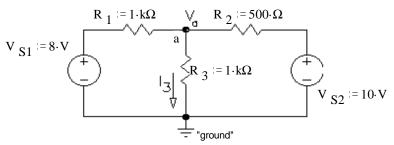
## ECE 2210 / 00 homework DC4

1. Use superposition to find  $I_3$ . Circle your intermediate solutions on your paper. Your intermediate solutions show how much of  $I_3$  is due to  $V_{S1}$ , and how much is due to  $V_{S2}$ .

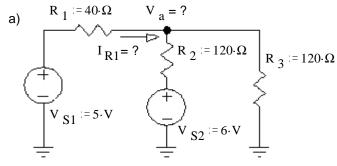
## Superposition

The "node" at the black dot is node "a". V<sub>a</sub> is a node voltage, referenced to ground. V  $_a = V R3$ 



## ECE 2210 / 00 homework DC4 p2

2. Use superposition to solve following problems: Each problem asks for both a current and a voltage. Clearly indicate your intermediate answers, the grader will look for those.



These are ground symbols. They are all connected together, although that connection is not explicitly shown.

