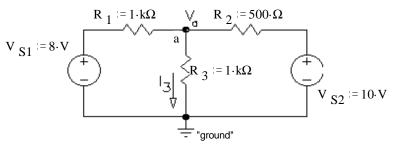
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1. Use superposition to find I_3 . Circle your intermediate solutions on your paper. Your intermediate solutions show how much of I_3 is due to V_{S1} , and how much is due to V_{S2} .

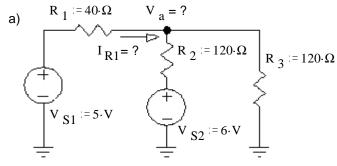
Superposition

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



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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.

