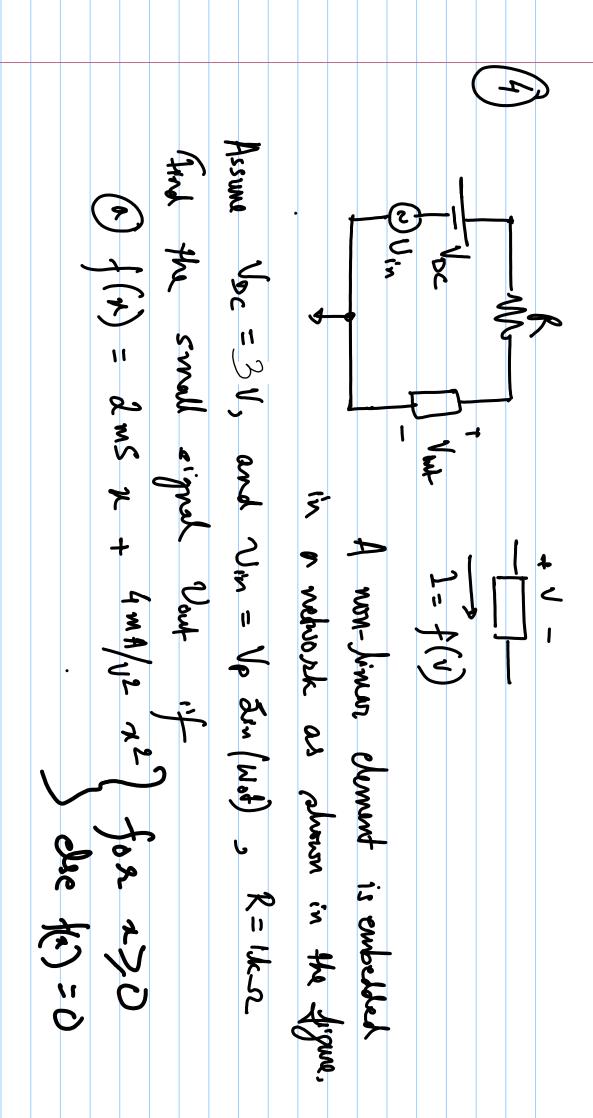
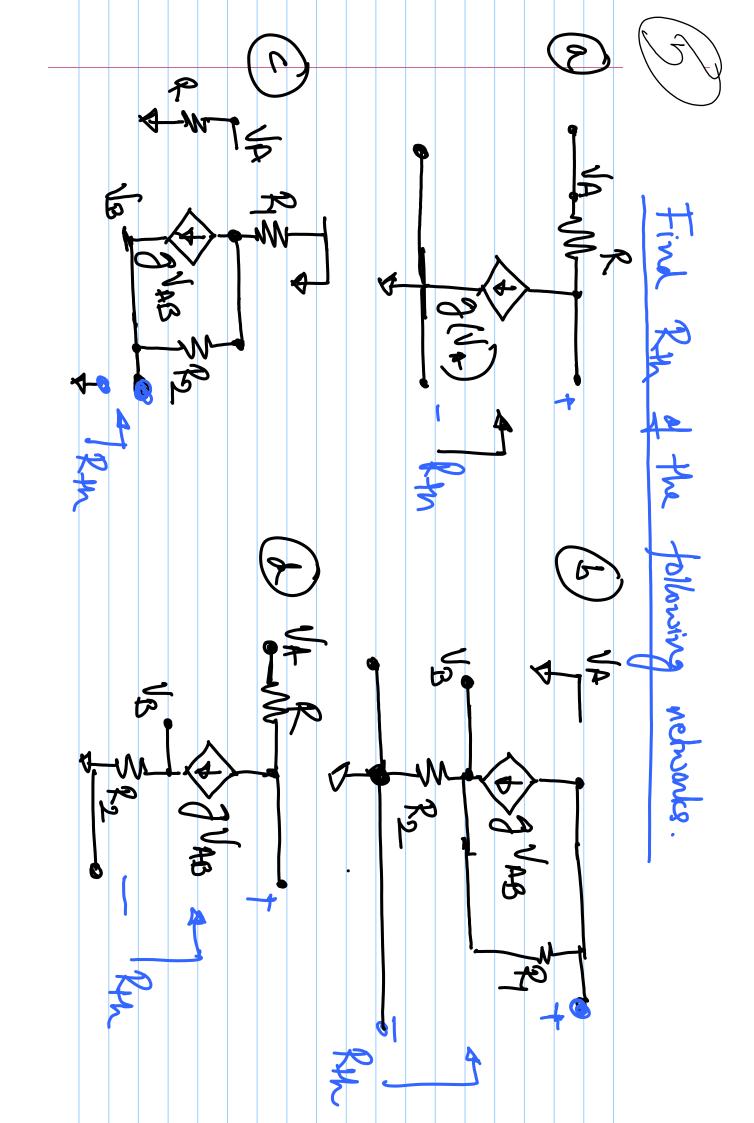
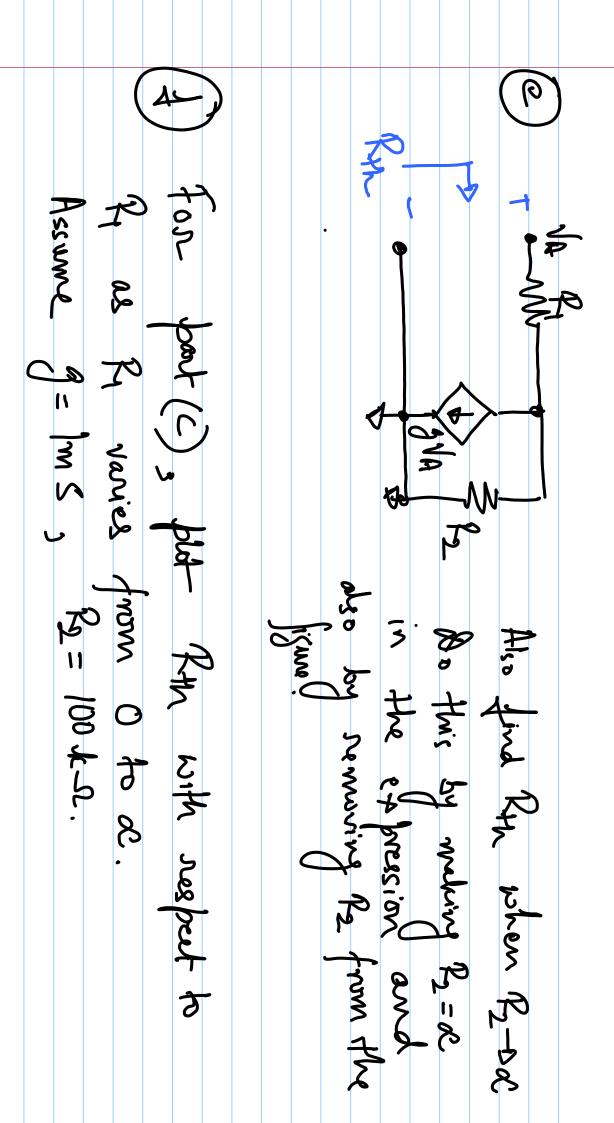


(c) le phis sais independent of Up? e find Up for (6) Find the amplitude of the simusoid @ W. find Up and 2 ws. What's I the subo? for which the subso = 1000 which the salio = 1000.1



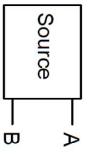
b approximations, or own trial and word method. To find Q-point for this pant you can use numerical f(x) = |ms x + 4mp/2 x + 4mp/5 x5 for x>0







You have procured a source which has two output terminals as shown in Fig . The black box which



is supposed to contain the source has the following properties. If you apply a voltmeter across A and B, it reads 10 V. If you apply an ammeter across the terminals it reads 1 A. Consider the measuring equipments to be ideal.

- a): In your opinion is the source that you procured a voltage source or a current source?
- b): Is your answer of the previous question dependent on the type of load that you want to drive? If yes, what is the constraint which will make the source behave like a voltage source, or a current source? If no, justify your answer.