



You work for a company that needs to create a circuit that will provide power to their brand new volume control for their headphones show in the dotted box. The control requires 2mA in order to function properly and at the correct volume. The problem is that the circuit is wired up in a way such that there is a 5mA current source in the wrong direction. You have a large variety of ideal current sources to deal with and your job is to find one that would correct this problem. Redesign the circuit above in order to deliver the correct amperage to the amplifier.