A feedback amplifier is shown. Use the methods of feedback analysis to find the numerical values of $v_2/v_1$, $v_1/i_1$, and $v_2/i_2$. Assume that all transistors are matched and that $g_m = 1\text{mS}$, and $r_{ds} = \infty$. 

[Diagram of the feedback amplifier with resistors and transistors labeled.]