

- 1) If the op-amp is truly ideal what does this circuit do?
- 2) If the op-amp is ideal except for having a gain of 100, how does that change the behaviour?
- 3) If the op-amp is ideal except for a 1 MHz gain/bandwidth product, at what frequency does this circuit stop working properly when compared to the ideal op-amp case.
- 4) What happens if you use something like a UA741 which has a max input bias current of 1500 nA (over temperature)?

