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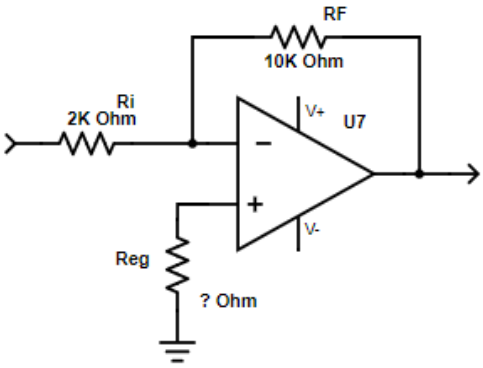
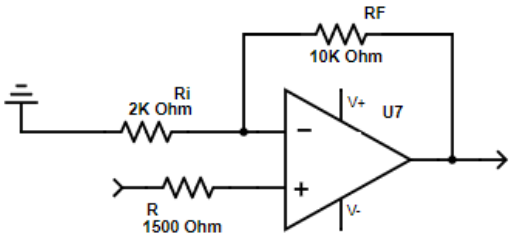


From the circuit on the left Find the following

- Gain of the Amplifier: av =5
- Value of Reg. 1.666 K Ohm
- 2 v P-P Sinewave In What is the Output 10 v P-P
- Are the input and Output in Phase or out of Phase ; Out of Phase



From the circuit on the left Find the following

- Gain of the Amplifier: av =6
- 2 v P-P Sinewave In What is the Output 12 P-P
- Are the input and Output in Phase or out of Phase; In Phase

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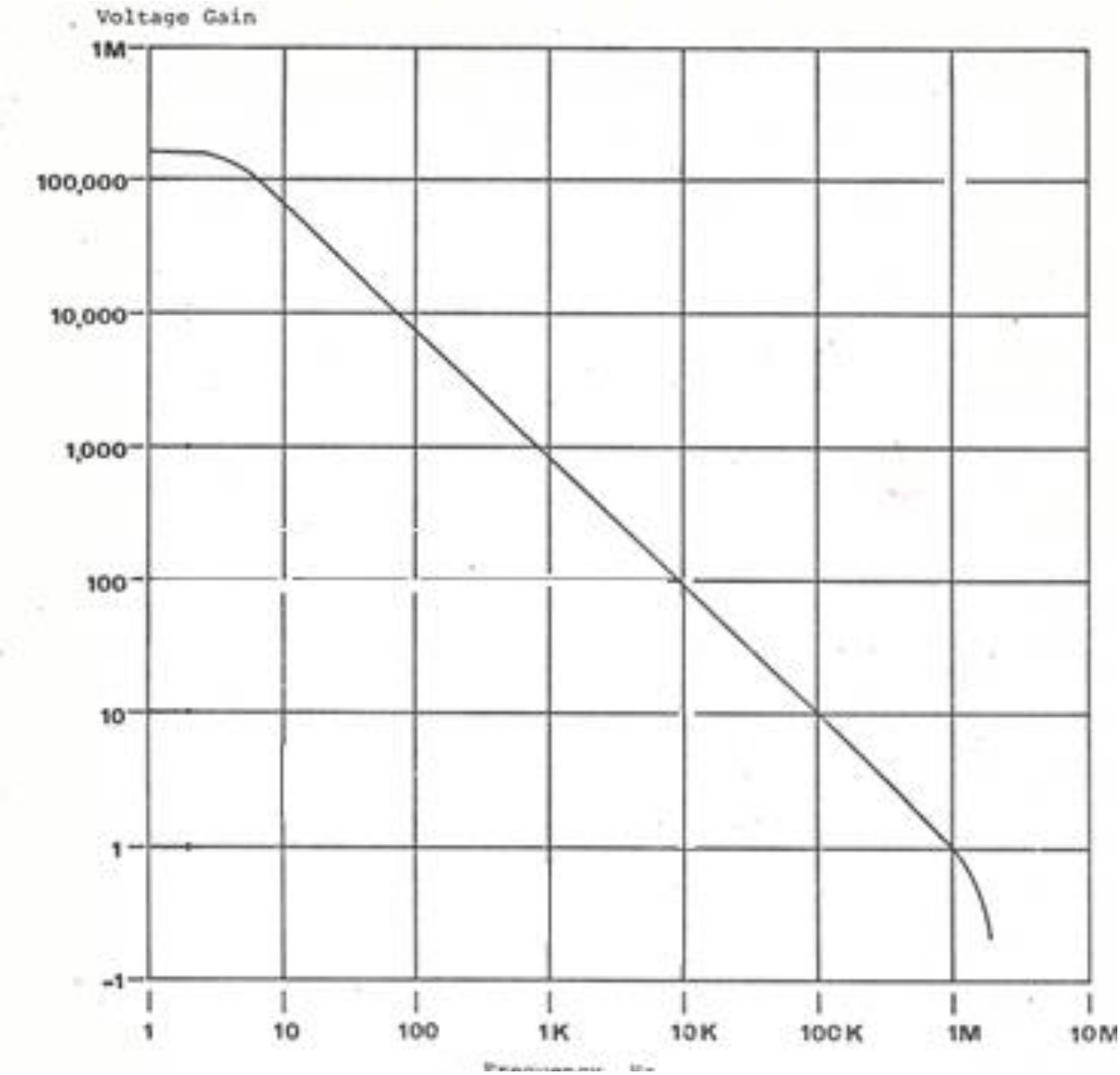

From the Graph above : Circuit designer has designed a circuit that has gain of 50 he believe's that operational amplifier with a constant gain to a frequency 100 Khz. Will this work using the graph at top? No

If not what is the frequency? 50 Khz

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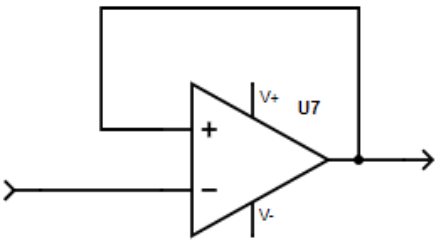

From the circuit on the left Find the following

- Gain of the Amplifier 1
- 2 v P-P Sinewave In What is the Output 2v P-P
- Are the input and Output in Phase or out of Phase ; In Phase