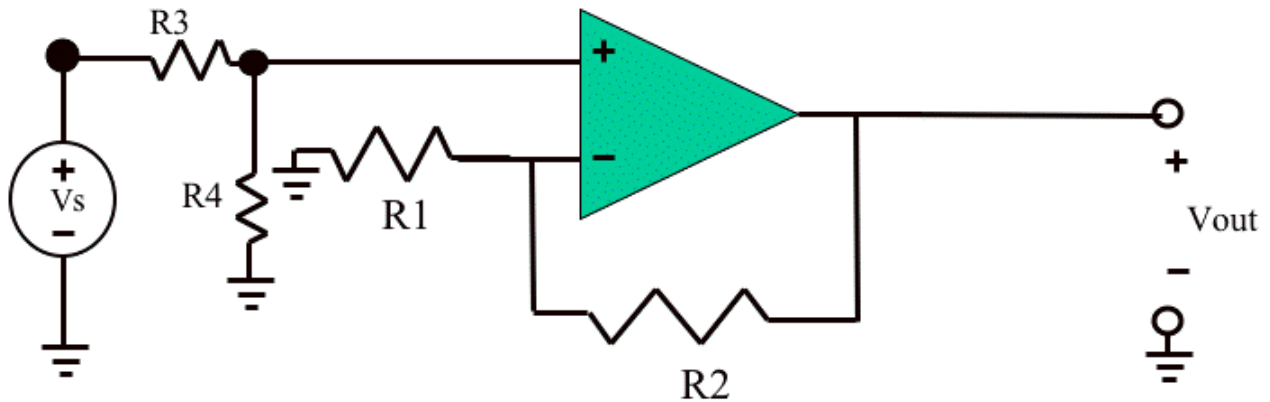


Problem Wk.10.3.7: Op Amp (Optional)



Express all answers as decimal numbers correct to three places.

1. Suppose $V_s = 3V$, $R_1 = 30K$ ohms, $R_2 = 10K$ ohms, $R_3 = 10K$ ohms and $R_4 = 10K$ ohms, what is V_{out} ? Volts
2. Suppose $R_1 = 30K$ ohms, $R_2 = 10K$ ohms, and $R_3 = 10K$. For what value of R_4 will $V_{out} = V_s$? K ohms

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