

# Golden Rules

## Student Group

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## Golden Rules

Explain the Golden Rules of the operational amplifier.

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### Op-Amp zero adjustment without feedback

Build the following circuit in [figure ##](#) with the power supply and a multimeter.



Fig. 1: Zero adjustment

$U_{\text{DD}} = 10\text{V}$ ,  $U_{\text{SS}} = -10\text{V}$ ,  $R_1 = 10\text{k}\Omega$

Adjust the output of the Op-Amp to zero. Describe your results and explain them.

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