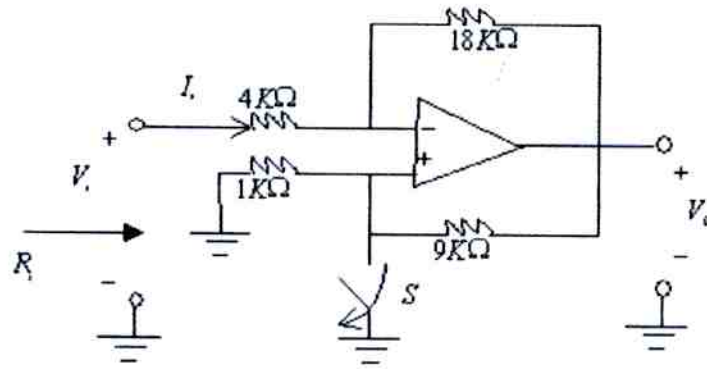In the operational amplifier circuit shown in the figure, the switch s is closed first. Open the switch s and calculate the voltage gain Vo/Vi. Assume ideal Op-Amp.

a.

$V_0/V_i = -0.5$

b.

$V_0/V_i = -10$

c.

$V_0/V_i = -15$

d.

$V_0/V_i = -0.1$