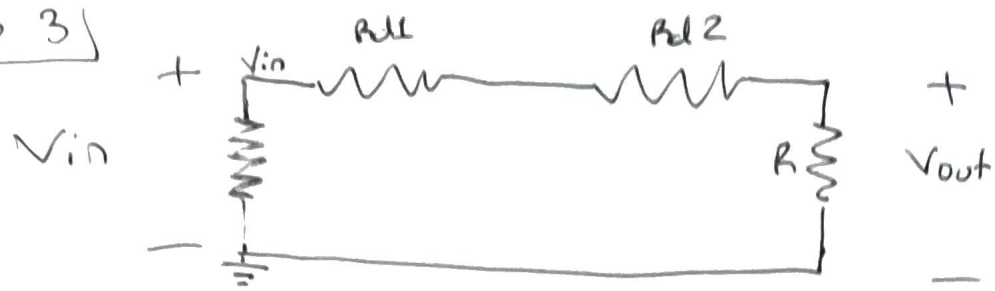


step 3)



$$\frac{V_{out}}{V_{in}} = \frac{R}{R + R_{d1} + R_{d2}} = \frac{1}{1 + \frac{R_{d1} + R_{d2}}{R}}$$