$$V_{out} := \frac{V_{in} \cdot R2}{(R1 + R2)} \cdot \frac{R_L}{R_L + \frac{R1 \cdot R2}{R1 + R2}}$$

$$\frac{V_{in}\, R2\, R_L}{(R1 + R2)\left(R_L + \frac{R1\, R2}{R1 + R2}\right)} \quad \textbf{(1)}$$

$V_{in} := 10; R1 := 10; R2 := 1;$

$$\begin{matrix} 10 \\ 10 \\ 1 \end{matrix} \quad \textbf{(2)}$$

$plot(V_{out}, R_L = .1..10)$