Voltage and Current Division

| Voltage Division	Current Division
$$v_j = iR_j = \frac{R_j}{R_{eq}}v$$	$$i_j = \frac{v}{R_j} = \frac{R_{eq}}{R_j}i$$
Series Connections Only	Parallel Connections Only
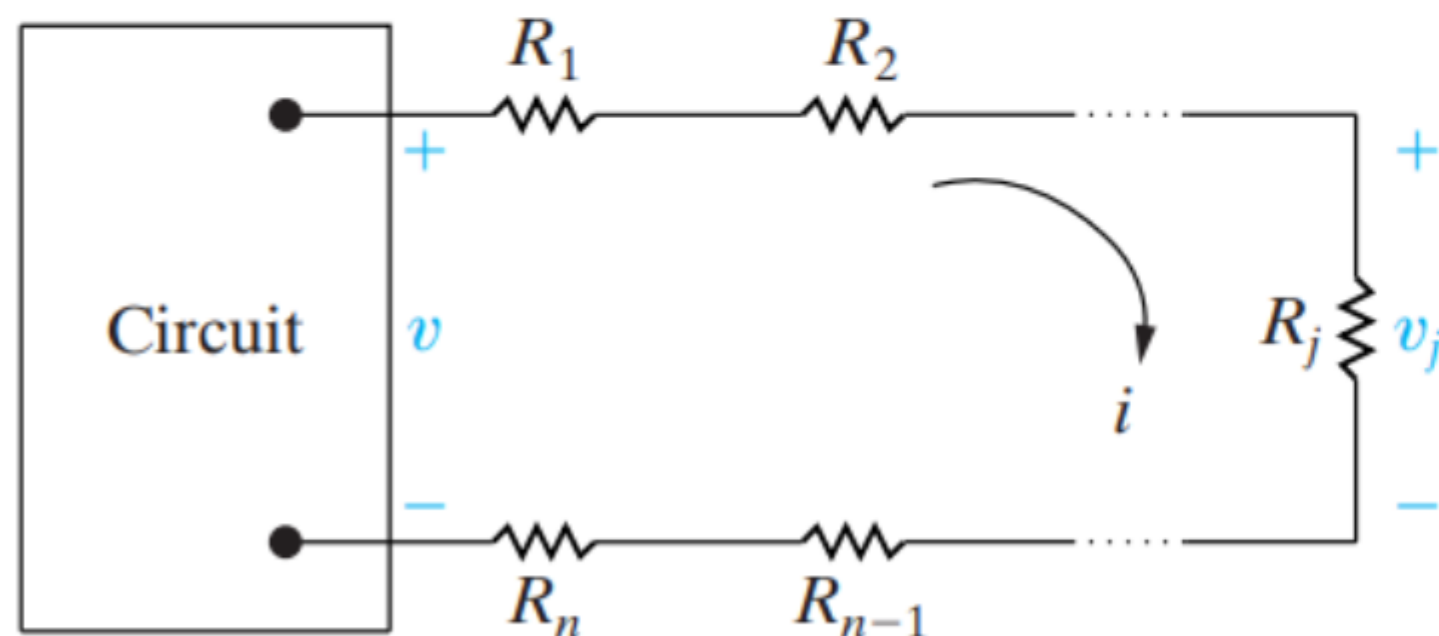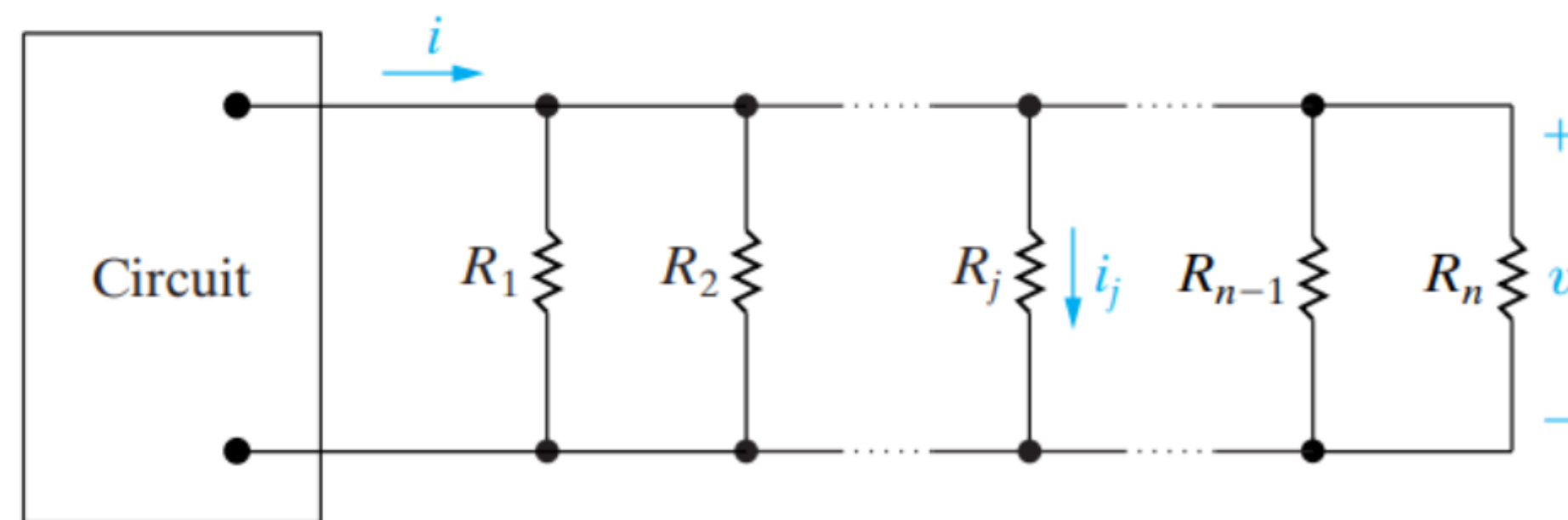
The Equivalent Resistance is calculated for Series Connections Only	The Equivalent Resistance is calculated for Parallel Connections Only