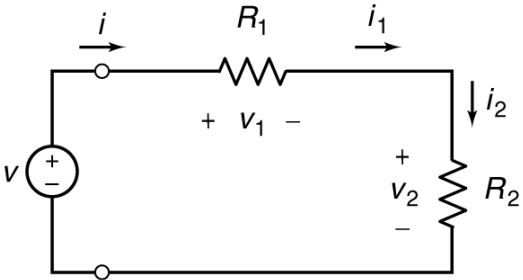
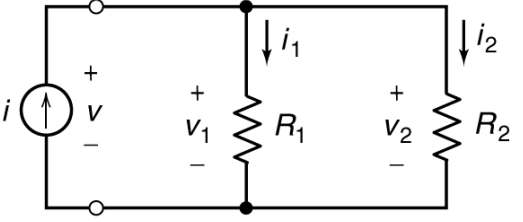
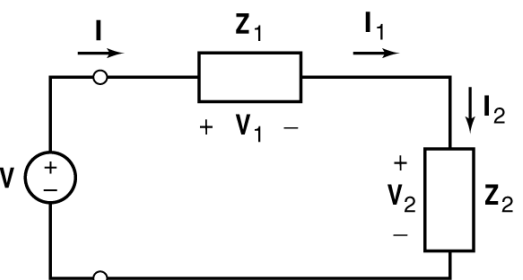
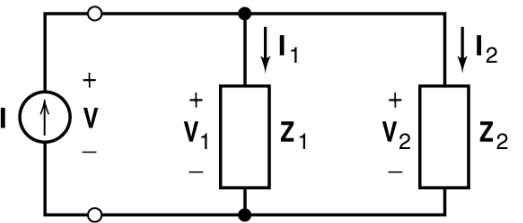


DC Circuits (in the Time Domain)

Voltage Divider		$i_1 = i_2 = i$ $v_1 = \frac{R_1}{R_1 + R_2} v$ $v_2 = \frac{R_2}{R_1 + R_2} v$
Current Divider		$v_1 = v_2 = v$ $i_1 = \frac{R_2}{R_1 + R_2} i$ $i_2 = \frac{R_1}{R_1 + R_2} i$

AC Circuits in the Frequency Domain

Voltage Divider		$I_1 = I_2 = I$ $V_1 = \frac{Z_1}{Z_1 + Z_2} V$ $V_2 = \frac{Z_2}{Z_1 + Z_2} V$
Current Divider		$V_1 = V_2 = V$ $I_1 = \frac{Z_2}{Z_1 + Z_2} I$ $I_2 = \frac{Z_1}{Z_2 + Z_1} I$