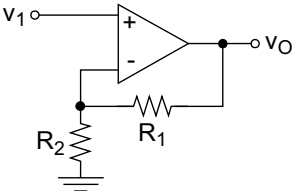
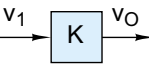
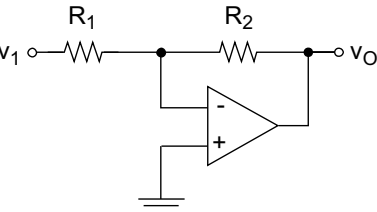
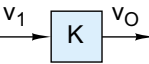
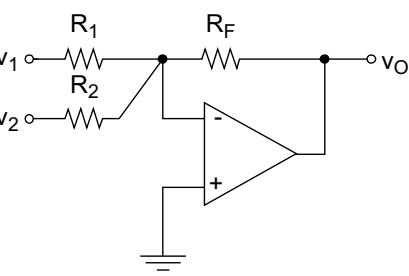
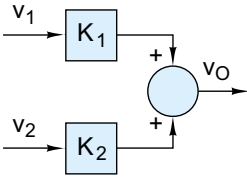
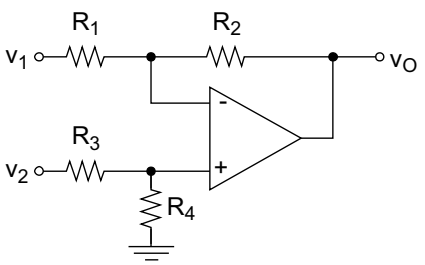
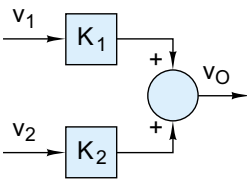
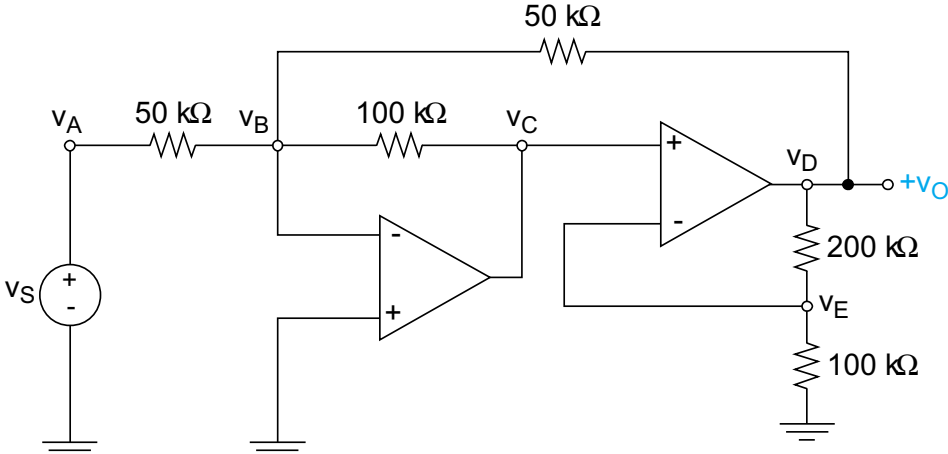
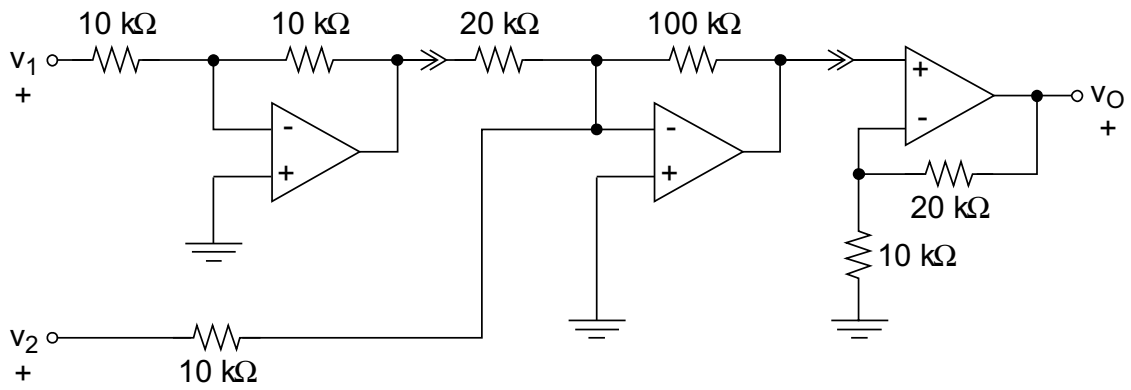


Circuit	Block diagram	Gains
		$K = \frac{R_1 + R_2}{R_2}$
		$K = -\frac{R_2}{R_1}$
		$K_1 = -\frac{R_F}{R_1}$ $K_2 = -\frac{R_F}{R_2}$
		$K_1 = -\frac{R_2}{R_1}$ $K_2 = \left(\frac{R_1 + R_2}{R_1} \right) \left(\frac{R_4}{R_3 + R_4} \right)$



Solve for the voltage gain, v_o/v_s



Develop an alternative design to realize the same i/o using a single Op Amp