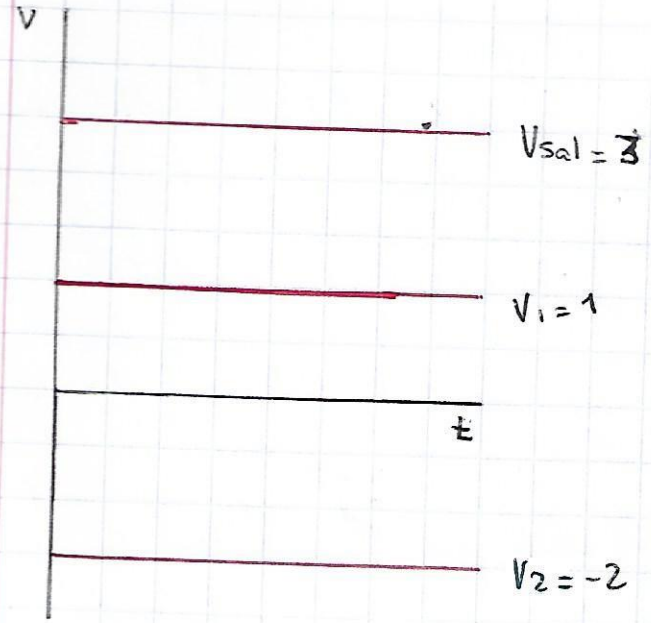
Tarea 2. Electrónica Analógica



$$V_{sal} = -[A_{v1} V_1 + A_{v2} V_2]$$

$$3 = -[A_{v1}(1) + A_{v2}(-2)]$$

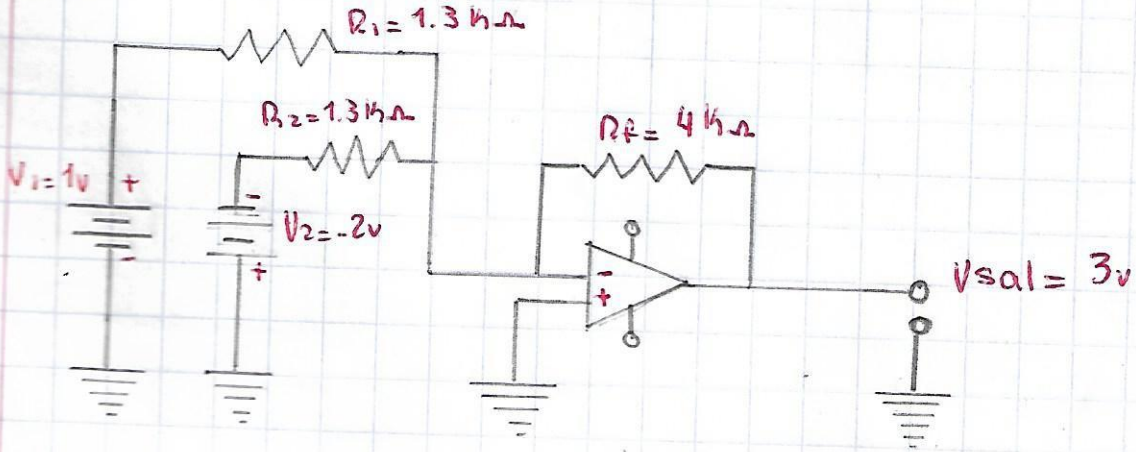
Si se toma $A_{v1} = 3$ y $A_{v2} = 3$

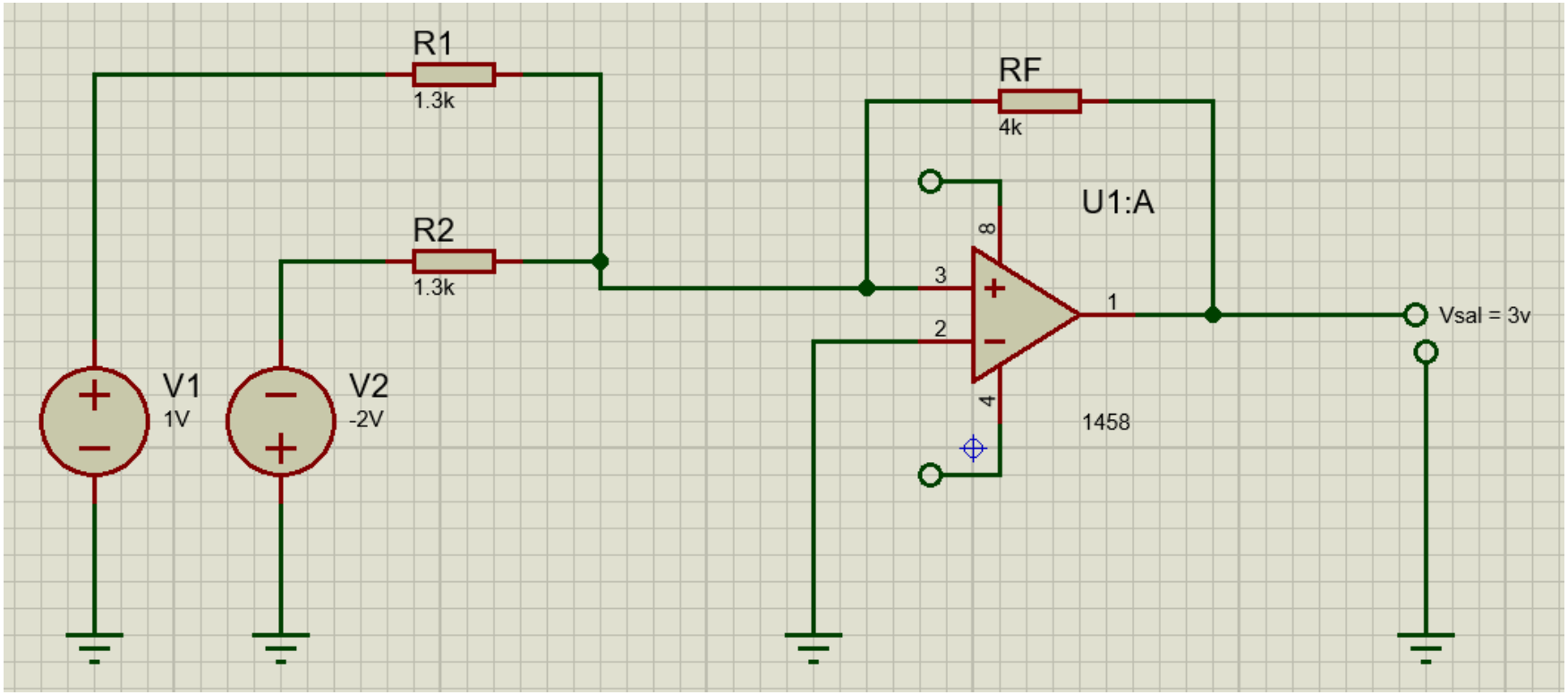
$$3 = -[(3)(1) + (3)(-2)]$$
$$3 = -[3 - 6]$$
$$3 = -[-3]$$
$$3 = 3$$

Y si se toma $Re = 4k\Omega$

$$Av = \frac{Rf}{Rn} \longrightarrow Rn = \frac{Rf}{Av}$$

$$R_1 = \frac{4k\Omega}{3} = 1.3k\Omega \quad , \quad R_2 = \frac{4k\Omega}{3} = 1.3k\Omega$$




R1
1.3k
R2
1.3k
RF
4k
U1:A
8
3
2
1
4
1458
V1
1V
V2
-2V
Vsal = 3v