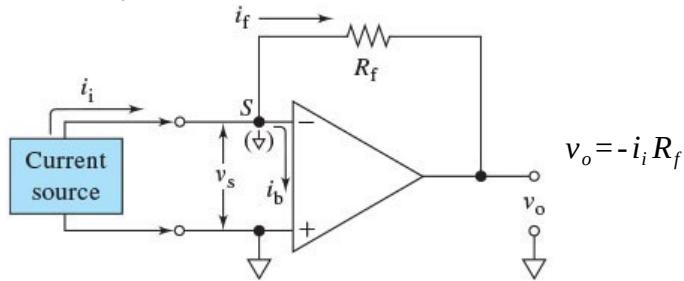


Name: _____

ID: _____

Analytical Chemistry II – Quiz (12th March, 2024)

- 1) How does v_o relate to i_i in this circuit? Write down the formula.



- 2) Write the equation of Beer's Law. Explain all the symbols. Specify the units.

$$A = bc$$

A – absorbance (no unit)

b – optical pathlength (cm)

ε – molar absorptivity ($L \text{ mol}^{-1} \text{ cm}^{-1}$)

c – concentration (mol L^{-1})