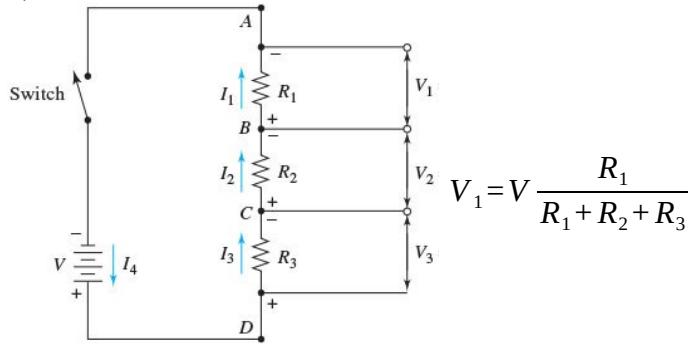


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Analytical Chemistry II – Quiz (1st March, 2022)

- 1) Write down the formula for V_1 in the circuit below. The formula should relate V_1 with V , R_1 , R_2 , and R_3 .



$$V_1 = V \frac{R_1}{R_1 + R_2 + R_3}$$

- 2) - What is bias of analytical method? (1 sentence)

- Write general equation expressing bias. Explain the meaning of all symbols.

Bias provides a measure of the systematic error (accuracy) of an analytical method.

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where: – mean concentration of an analyte; – true value.