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At least I cited my information…

# Virginia Tech Engineering (ENGE 1104) #FAIL

Engineering Lab Document: **LabinABox 2 Photoresistor.pdf**

A **voltage divider** (also known as a **potential divider**) is a simple linear circuit that produces an output voltage (Vout) that is a fraction of its input voltage (Vin). Voltage **division** refers to the partitioning of a voltage among the components of the divider.

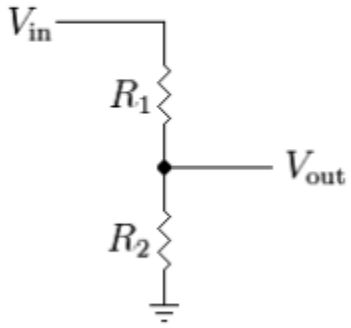


**Figure 1**

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Wikipedia Entry: **Voltage divider** [1]

In electronics, a **voltage divider** (also known as a **potential divider**) is a simple linear circuit that produces an output voltage ($V_{out}$) that is a fraction of its input voltage ($V_{in}$). **Voltage division** refers to the partitioning of a voltage among the components of the divider.

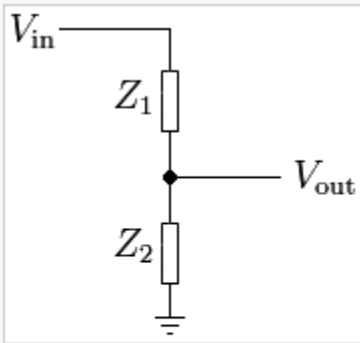


Figure 1: Voltage divider

The formula governing a voltage divider is similar to that for a current divider, but the ratio describing voltage division places the selected impedance in the numerator, unlike current division where it is the unselected components that enter the numerator.

[1] "Voltage divider." *Voltage divider - Wikipedia, the free encyclopedia*. Wikipedia, 3 Feb. 2010. Web. 17 Feb. 2010. <http://en.wikipedia.org/wiki/Voltage_divider>