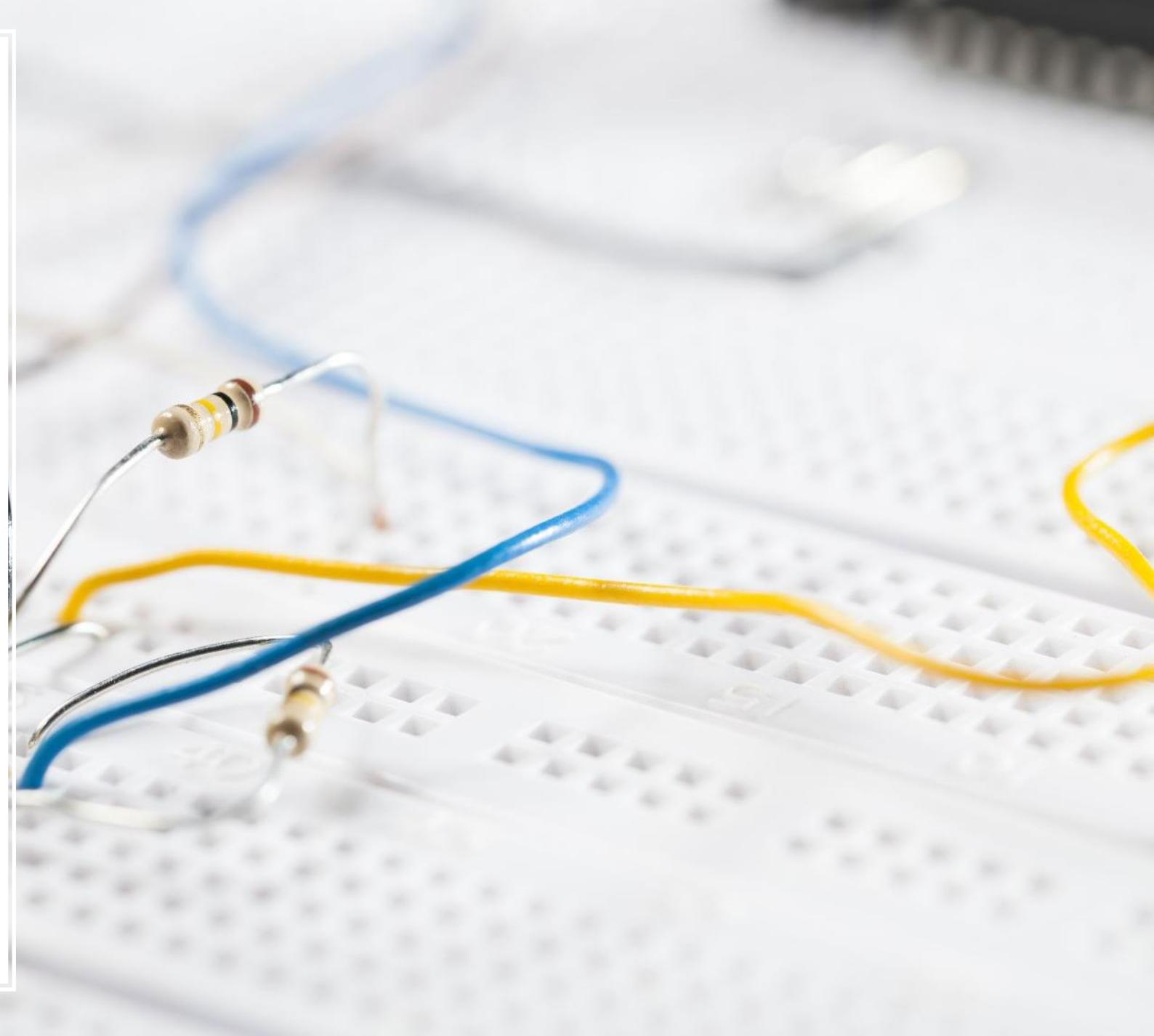


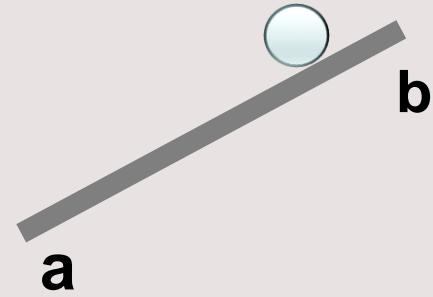
Building Circuits Intuition

OHM'S LAW
FALL 2022

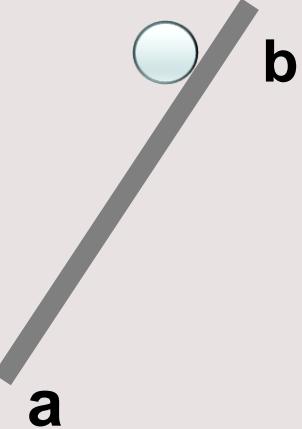


Losing(?) your marbles

[1]



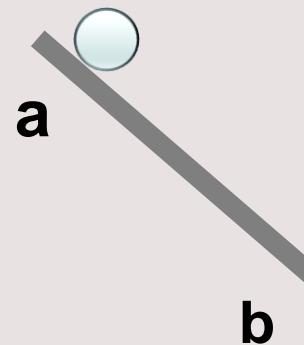
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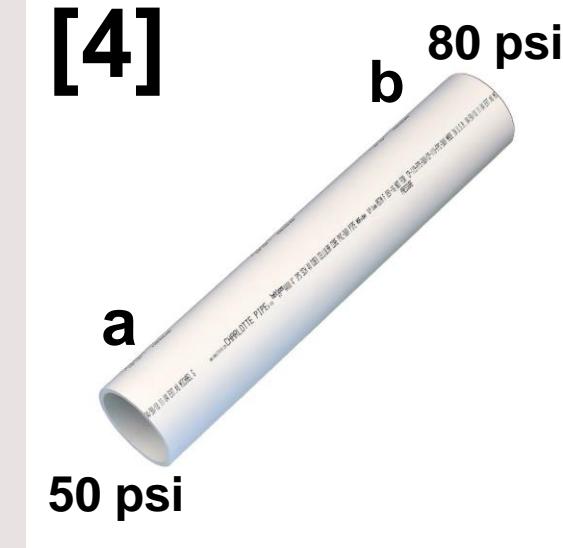
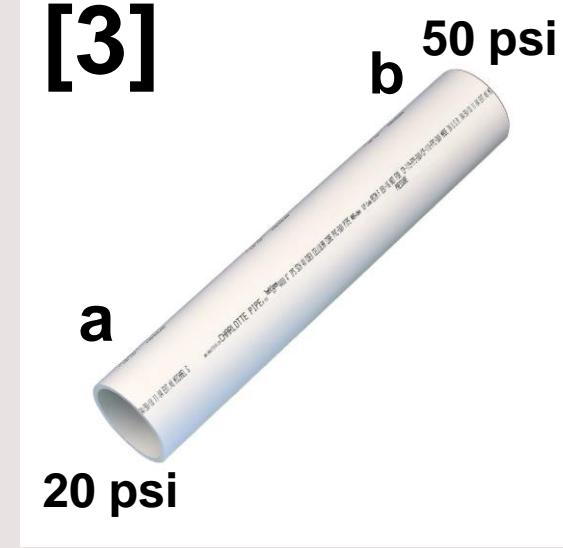
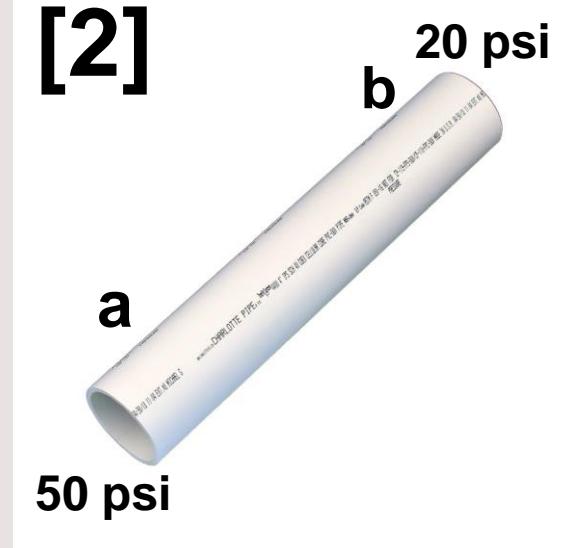
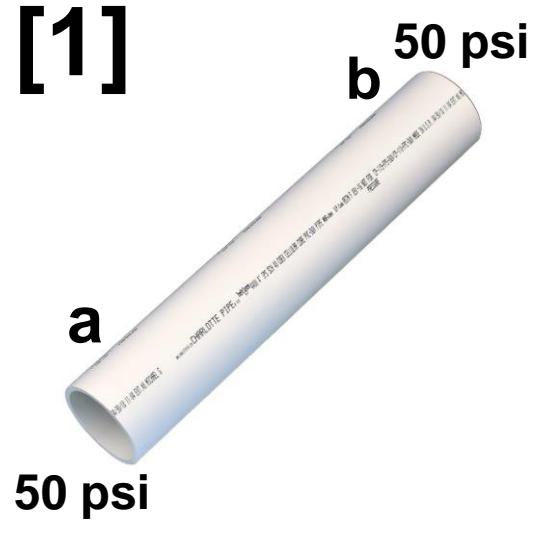
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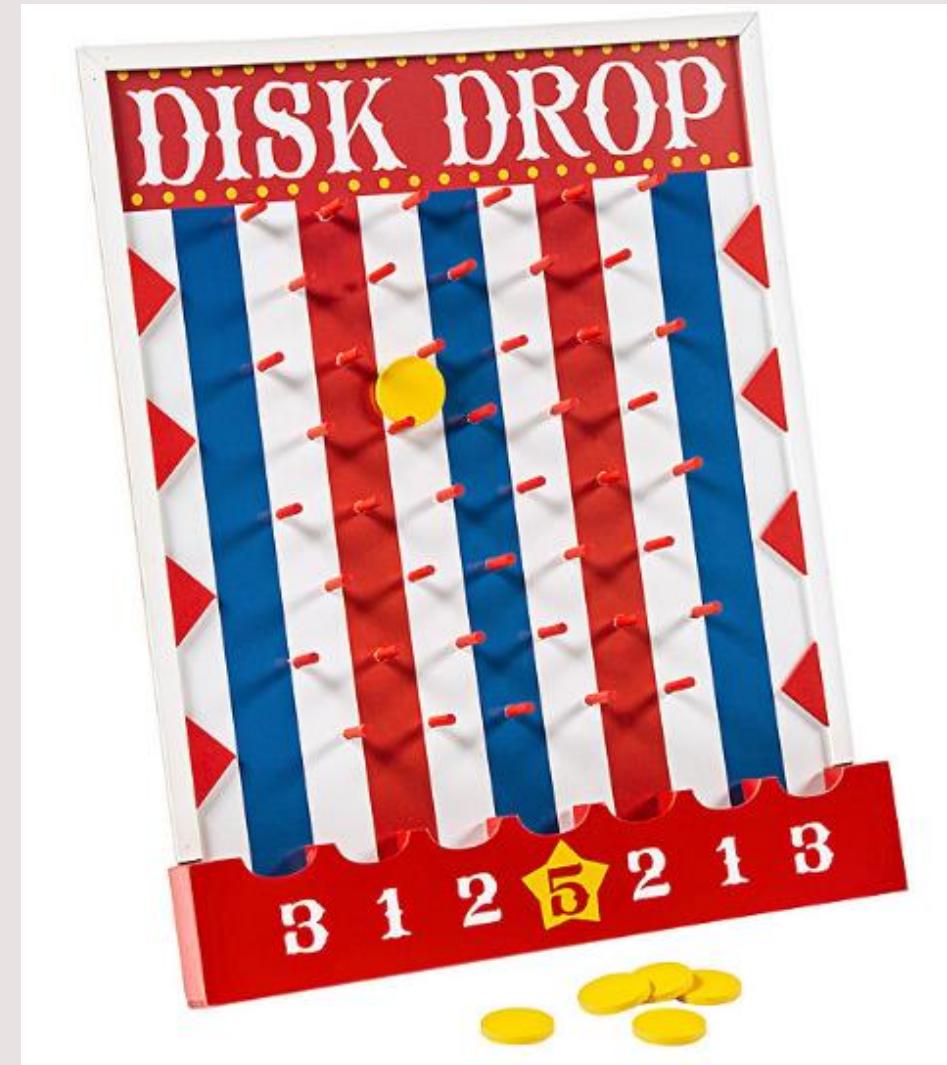
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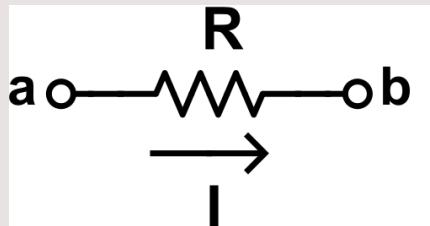
Pipe Dreams



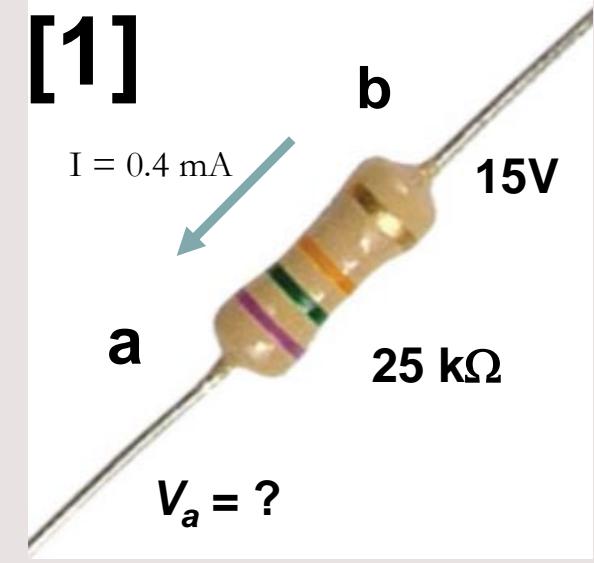
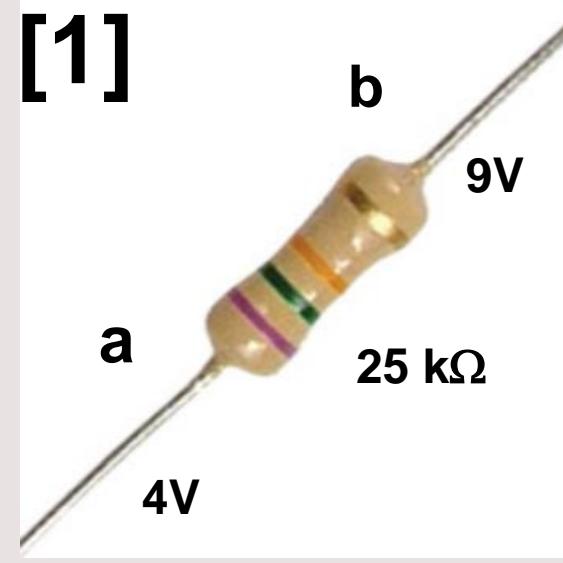
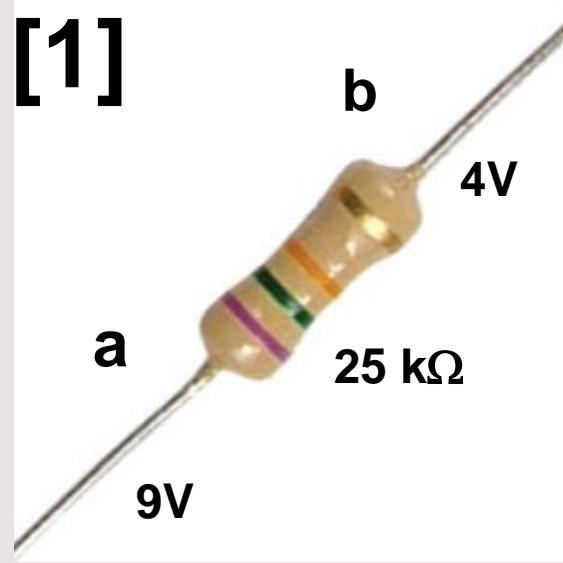
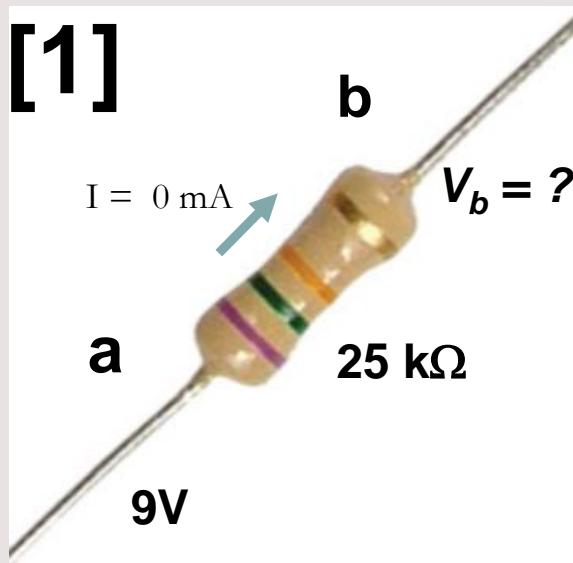
Dropping In



Oooooooohhhmm's Law



$$I = \frac{\text{[red box]}}{\text{[blue box]}}$$



Split Decision

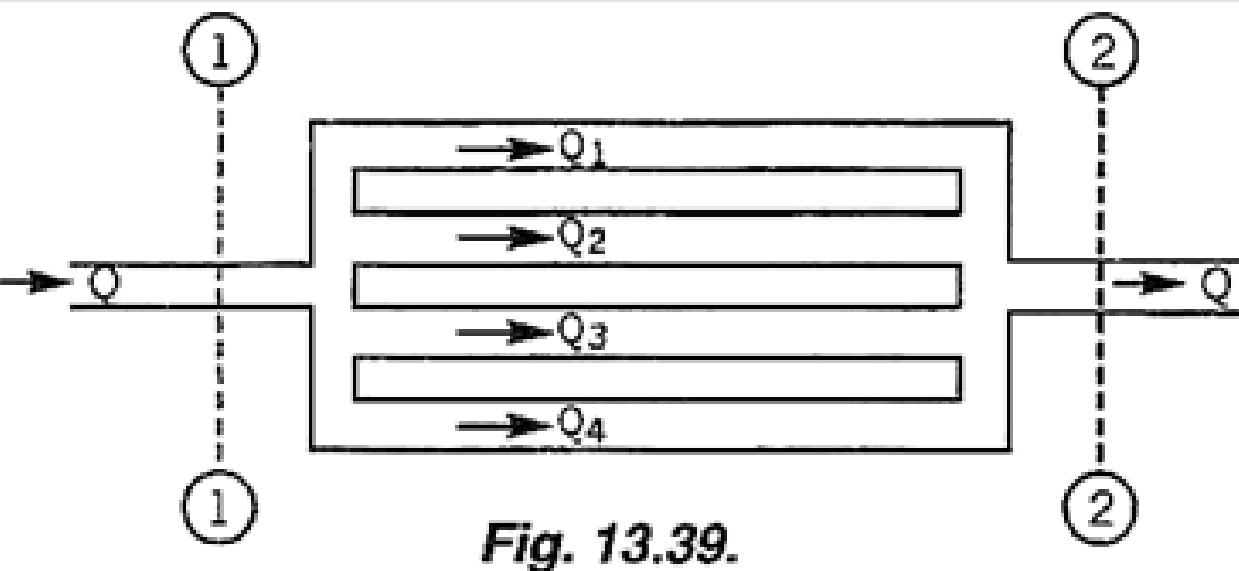
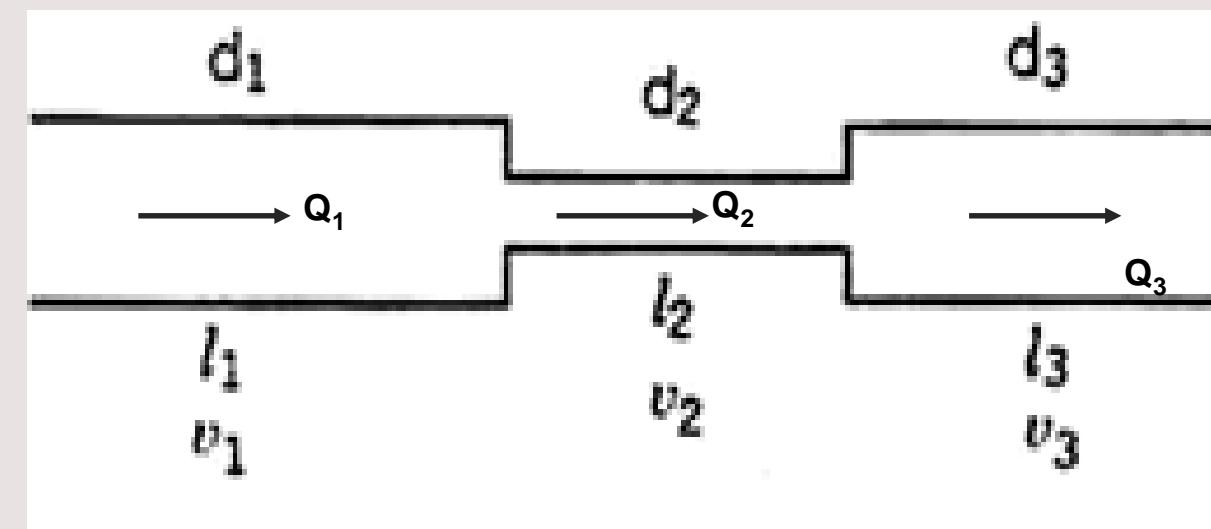
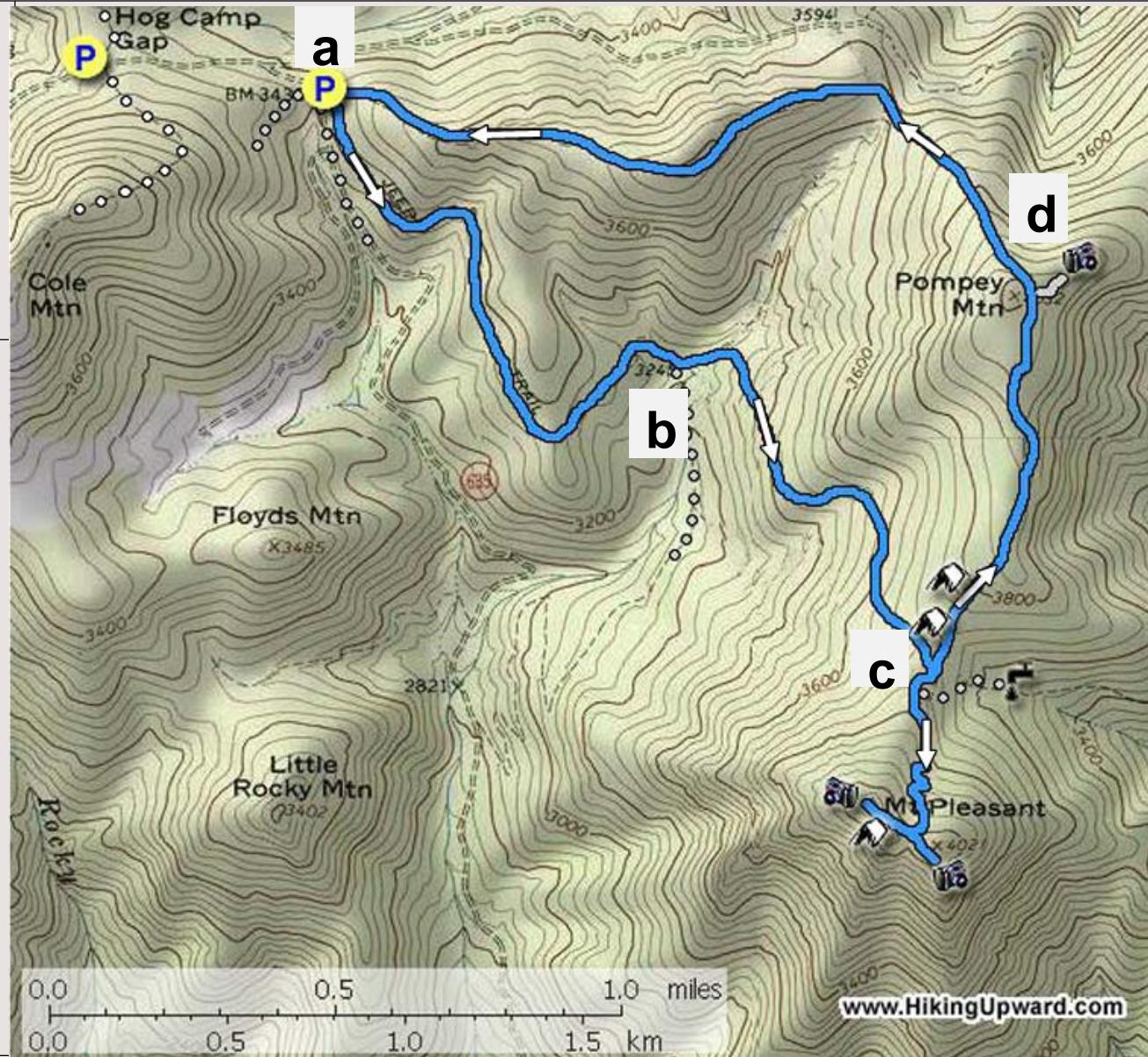
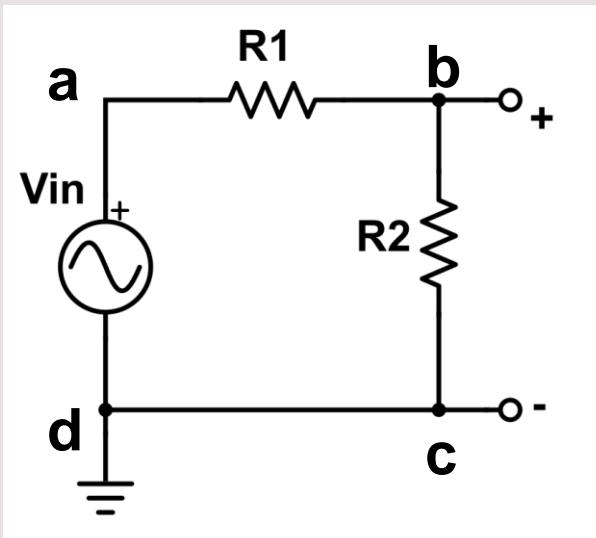


Fig. 13.39.



Walk in the Woods: Another type of circuit

Hiker completes circuit a-b-c-d-a



Slide on in: yet another circuit

Who doesn't love a good water slide! Describe all analogies to electrical circuits that you spot. Can you draw the analogous circuit?



Image credit: ucsc.edu '[simplest circuit](#)'

Water World, Federal Heights, CO. *Image credit: 5280 magazine*