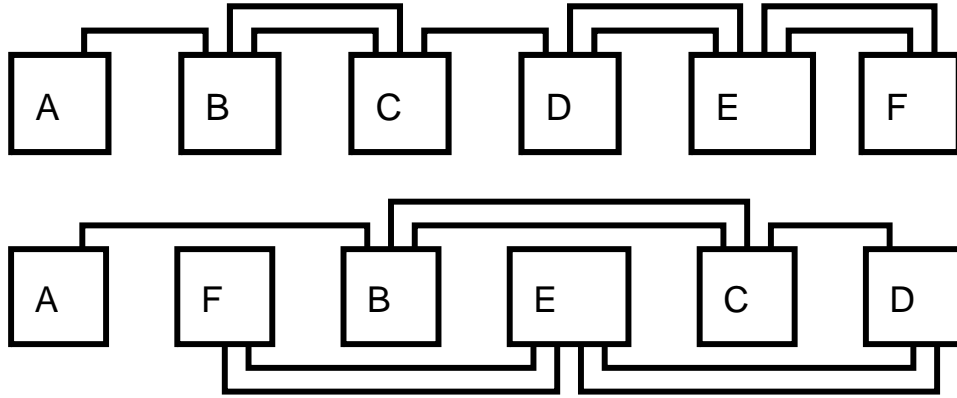


Consider the following two layouts.



1. Convince yourself these two cases represent different layouts of the same circuit.
2. Assuming a squared wire-length cost metrics, what is the cost of the two circuits?

Top

Bottom

3. Considering the bottom circuit and the squared wire-length cost metric, identify two elements which you can swap to decrease the cost metric.

Swap

New Cost