Example: Odd-Even Mode

<u>Circuit Analysis</u>

Carefully (**very** carefully) consider the **symmetric** circuit below.



Solution

To simplify the circuit schematic, we first remove the bottom (i.e., ground) conductor of each transmission line:



Note that the circuit has one plane of **bilateral symmetry**:



Thus, we can analyze the circuit using **even/odd mode analysis** (Yeah!).



3/5



