**Optimality Theory Homework**

Consider this language in which midvowels aren't allowed in unstressed syllables. They must be transformed into a different vowel. The input /kola/ becomes [kalá].

<table>
<thead>
<tr>
<th>Input /kola/</th>
<th>&gt; kalá</th>
<th>kulá</th>
<th>kilá</th>
<th>kolá</th>
<th>kelá</th>
</tr>
</thead>
</table>

There are 3 constraints at work:

- **PRESERVE (high).** The vowel feature [high] in an input must appear in the output too.
- **PRESERVE (low).** The vowel feature [low] in an input must appear in the output too.
- **LIC-MID/STRESS.** Mid vowels are only allowed when stressed.

1 Figure out the constraint ranking, put them in the correct order in the chart, and fill out the remainder of the chart marking violations and fatal violations. The optimal candidate is kalá.