1. Below are several models of unlabeled graphs. In each case, decide if the graph has the specified property or provide a numerical answer.

<table>
<thead>
<tr>
<th></th>
<th>is Eulerian?</th>
<th>is Hamiltonian?</th>
<th>is connected?</th>
<th>is a tree?</th>
<th>number of subgraphs with one edge</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
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<td>B</td>
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