**Least Common Multiples with Claire and Dillon**

Can you help us solve a problem like in the story? Given two numbers, find the smallest number both will divide into.

Remember, take the highest occurrence of each prime in the factorizations.

**Explain how you get each answer!**

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<table>
<thead>
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<tbody>
<tr>
<td>1)</td>
<td>30 and 32</td>
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<tr>
<td>2)</td>
<td>40 and 80</td>
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<tr>
<td>3)</td>
<td>36 and 81</td>
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**Super-Tricky! If the smaller of the two numbers divides into the larger of the two numbers, then what is the least common multiple of the two numbers?**