





Appendix D: All graphs with 6 or fewer nodes that correspond to all alternating prime knots with crossing number 11 or less

Remarks:

•1• Knots are sorted according to their generic graphs, and those graphs are sorted by the number of nodes and bundles. Furthermore the graphs are sorted according to the position of the bundles with even multiplicities.

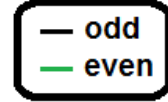
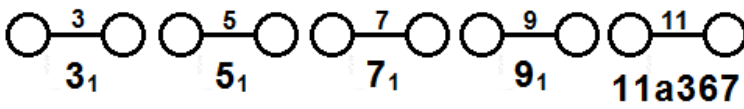
•2• Note that all the knots with crossing number 11 or less, given by the generic graph , could also have been given by the graph , with one exception, namely the knot pair **11a44** and **11a47**. For knots with a larger number of crossings there will be an increasing number of exceptions.

•3• Note that all the knots with crossing number 11 or less, given by the generic graph , could also have been given by the graph . For knots with more than 11 crossings this is generally not true.

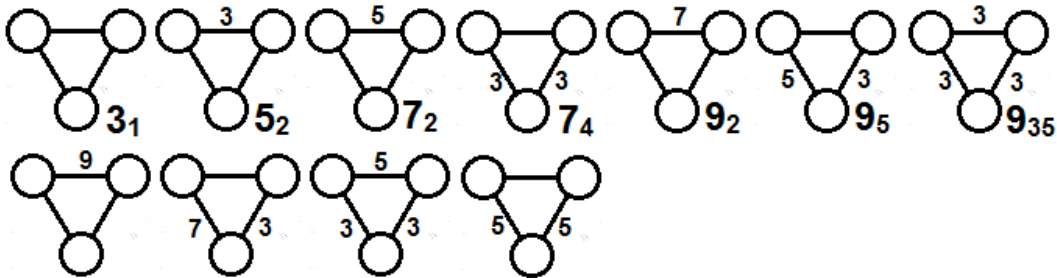
•4• A knot number marked with an asterisk indicates that the graph is its own twin, but not always in exactly the same projection.

•5• A total number of 632 graphs are given corresponding to all 563 alternating prime knots with 11 or fewer crossings. 69 knots are represented twice. Only 49 different generic graph forms are used, or 50 if the exception in •2• above is counted.

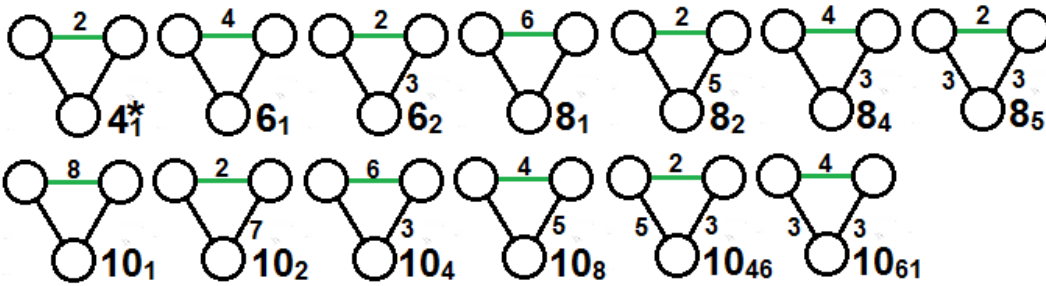
2:1



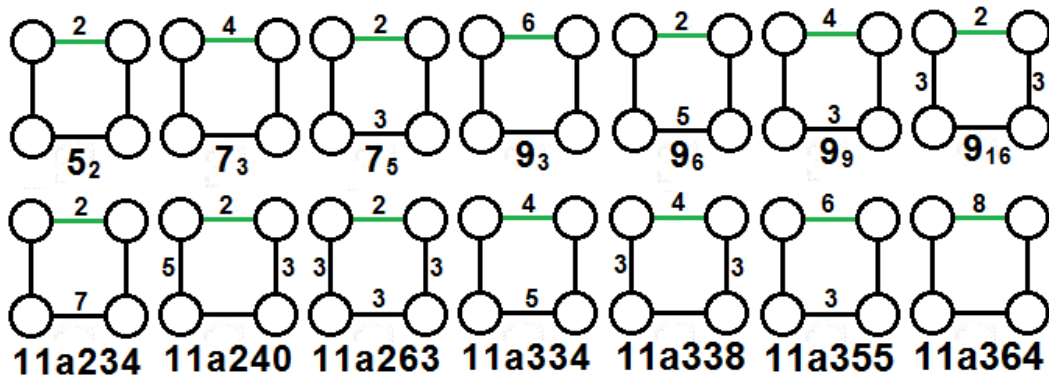
3:3



11a247 11a343 11a362 11a363

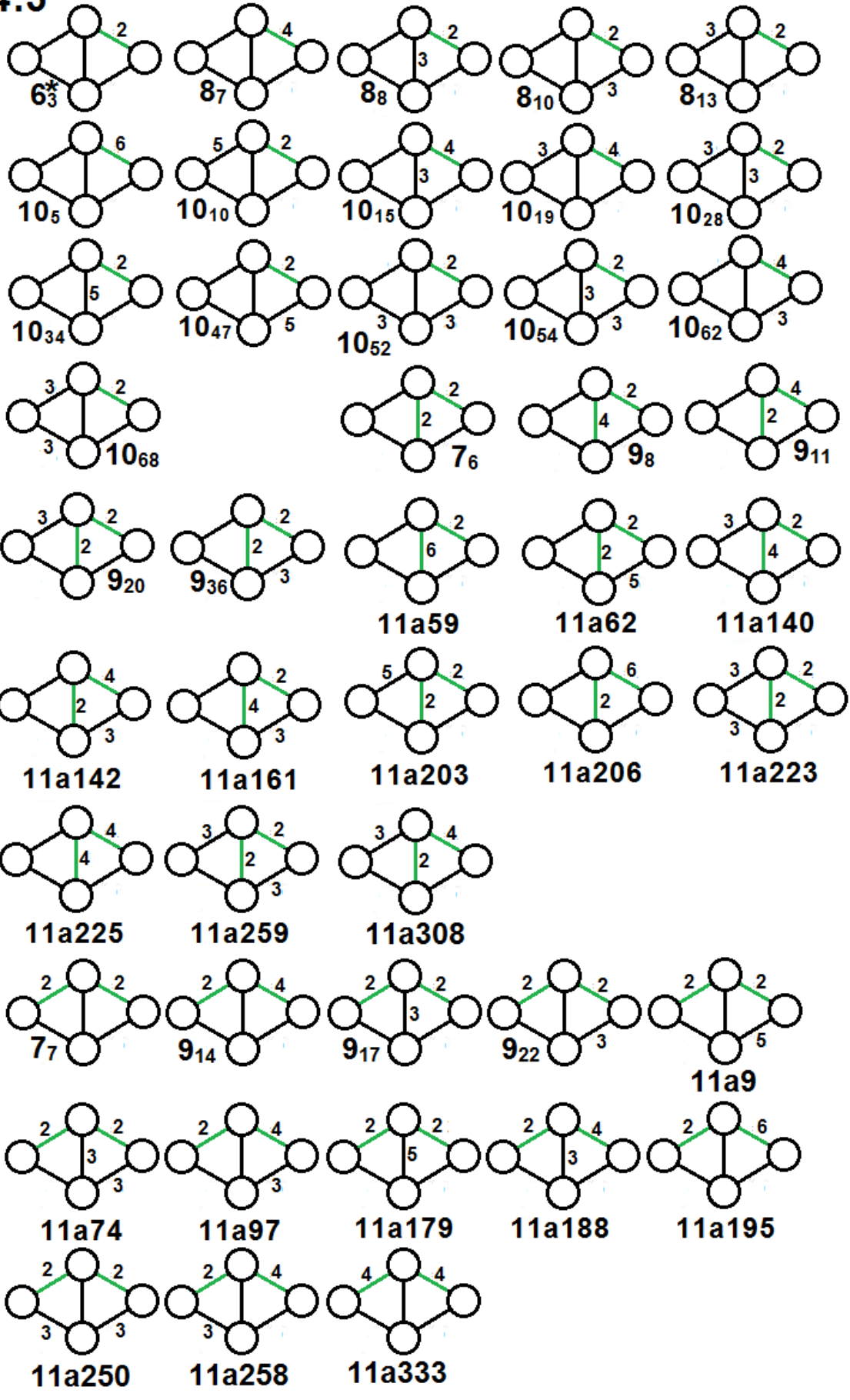


4:4

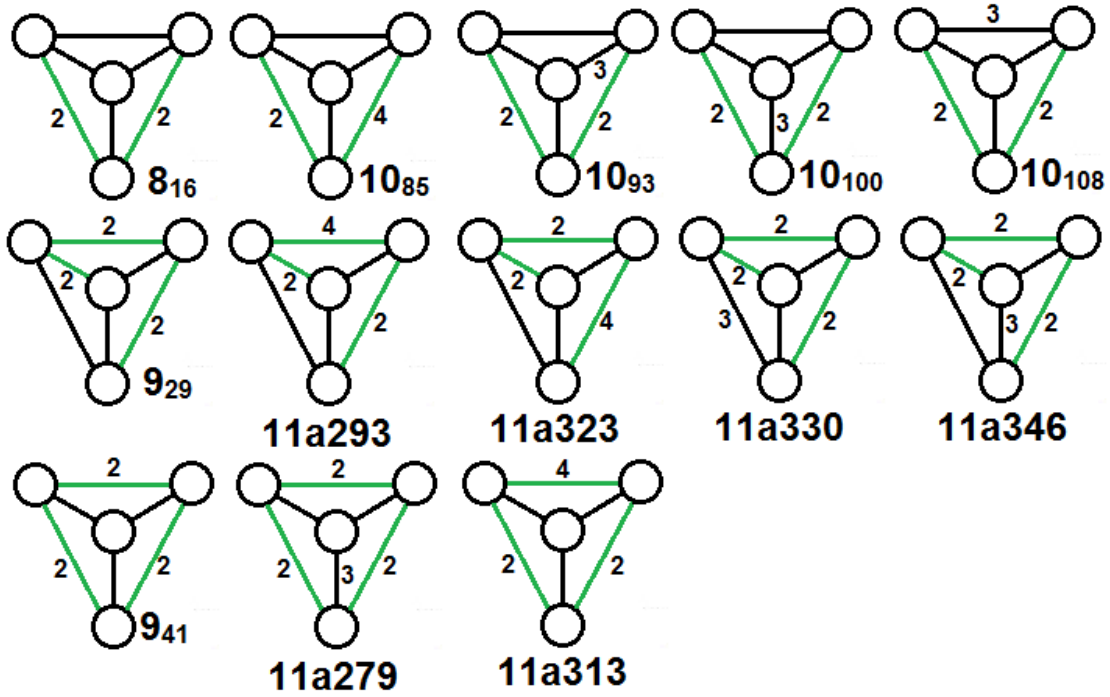


11a234 11a240 11a263 11a334 11a338 11a355 11a364

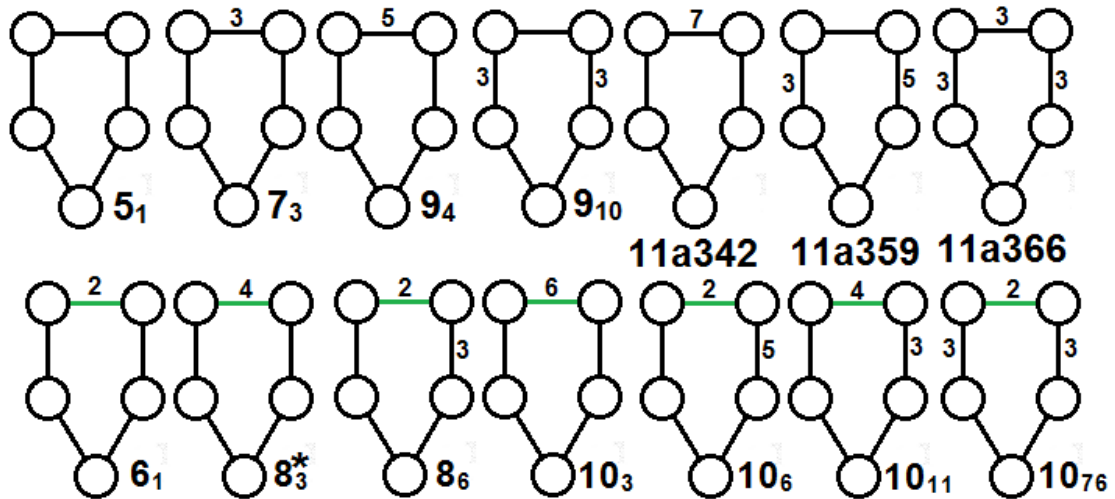
4:5



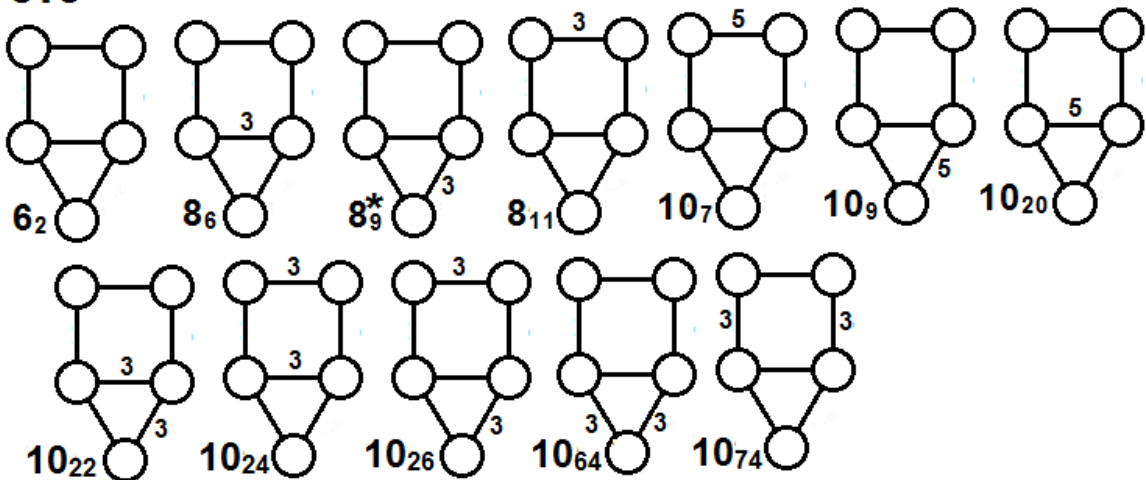
4:6

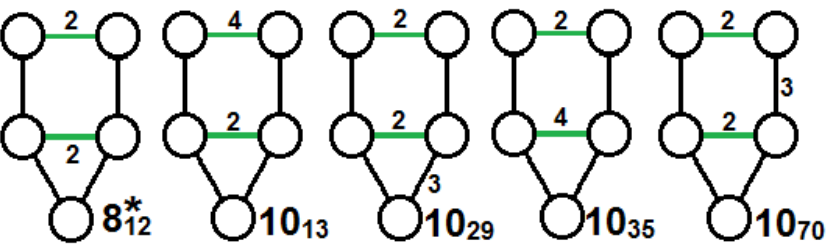
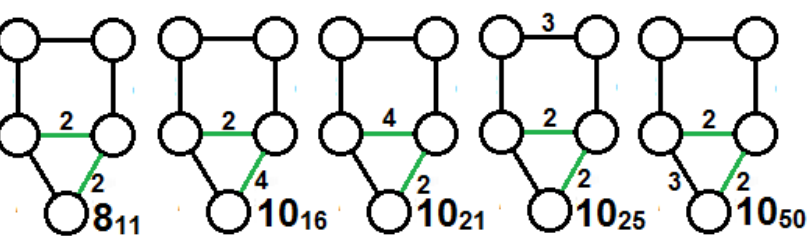
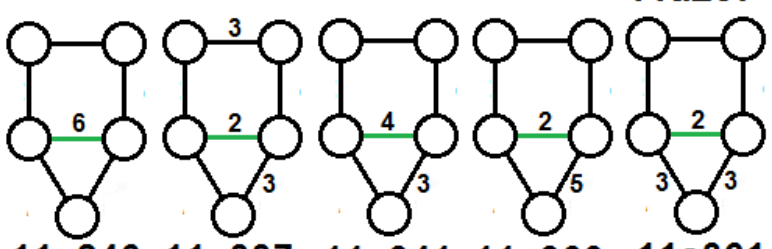
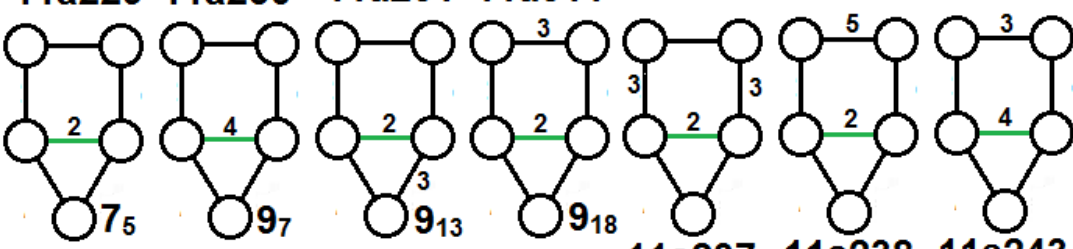
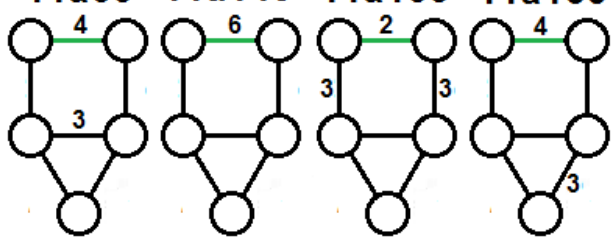
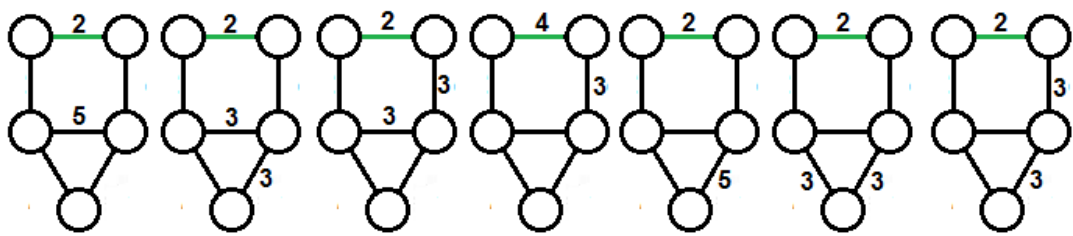
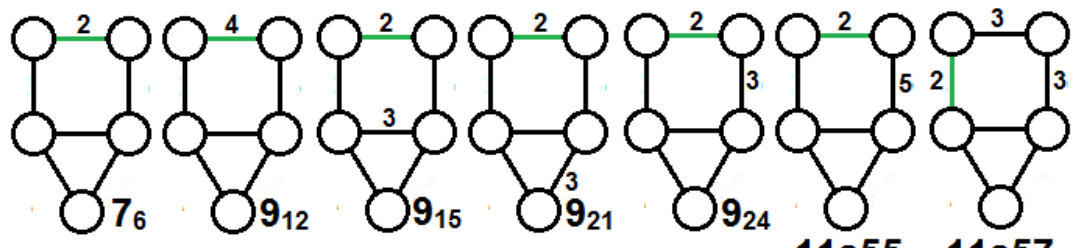


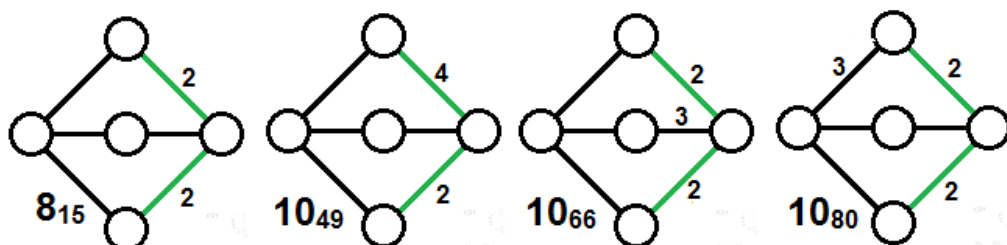
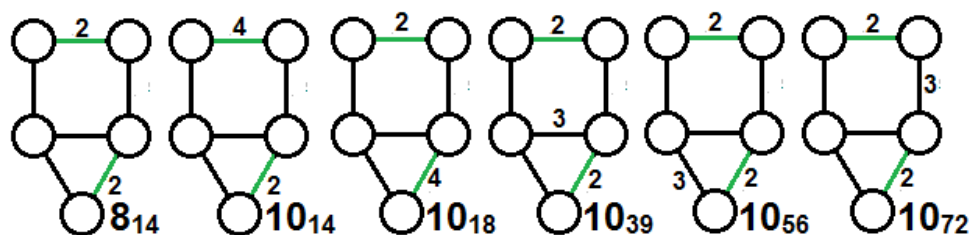
5:5



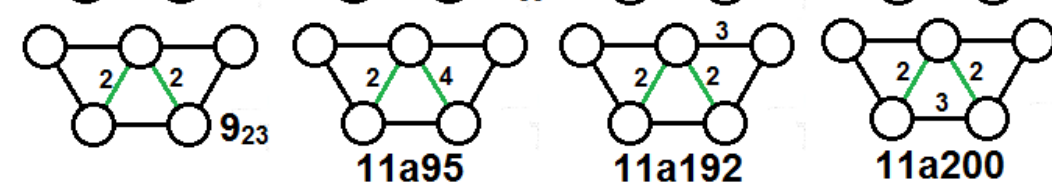
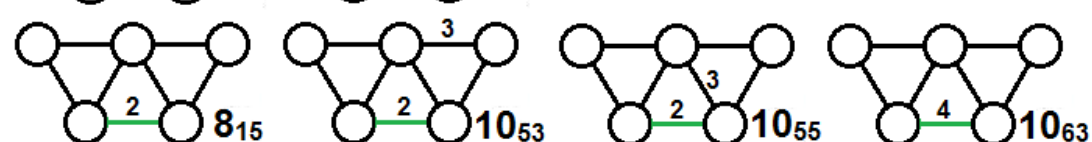
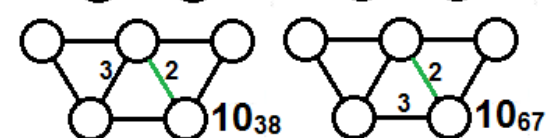
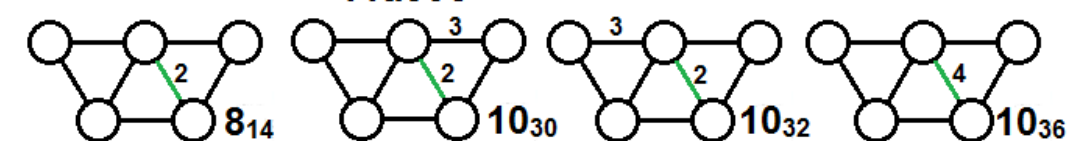
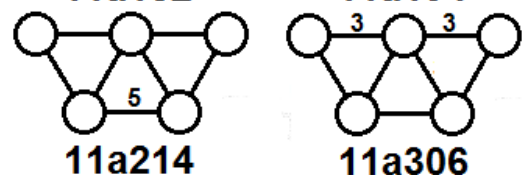
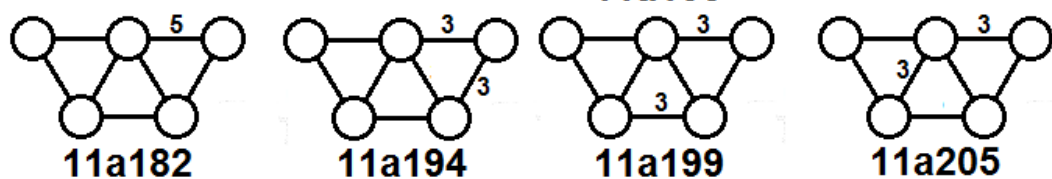
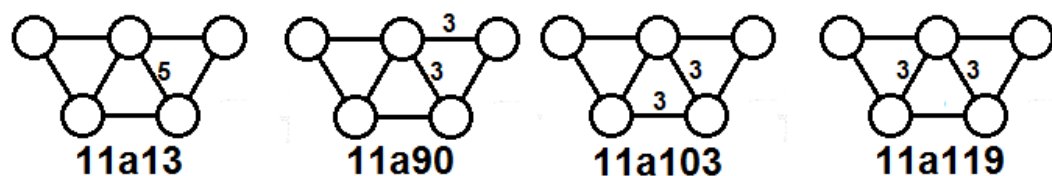
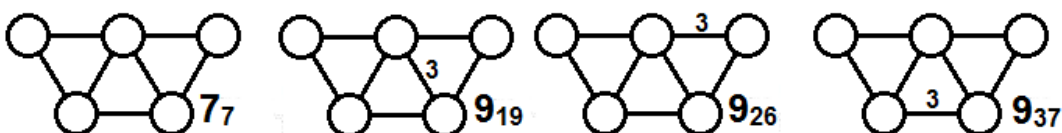
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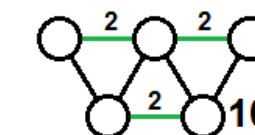
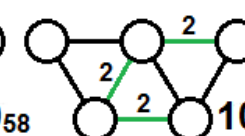
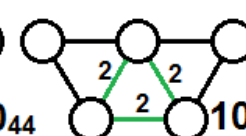
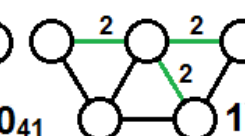
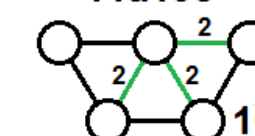
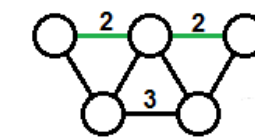
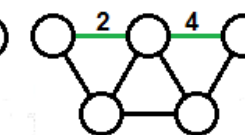
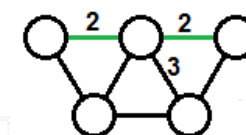
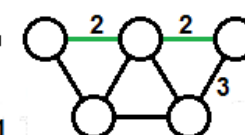
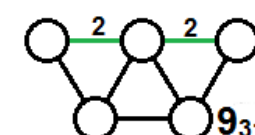
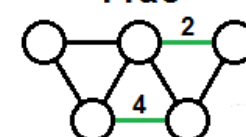
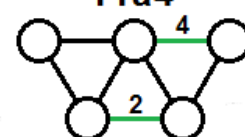
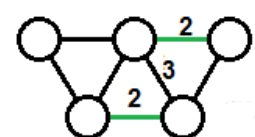
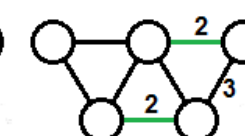
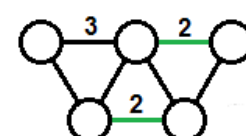
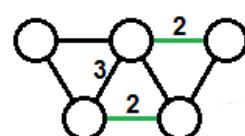
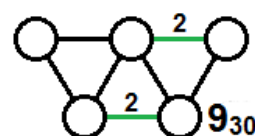
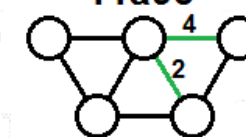
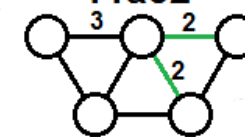
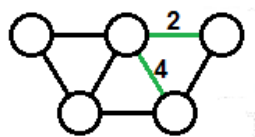
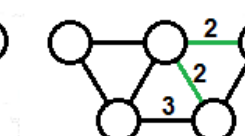
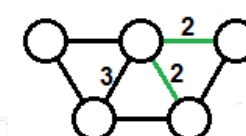
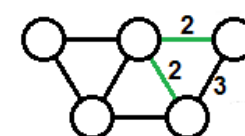
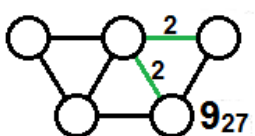
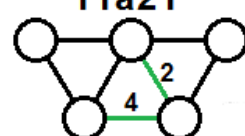
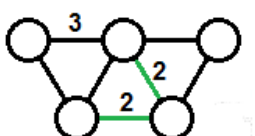
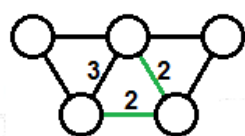
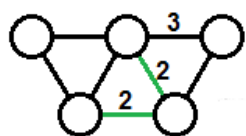
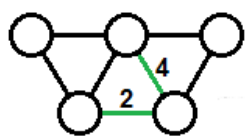
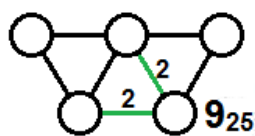


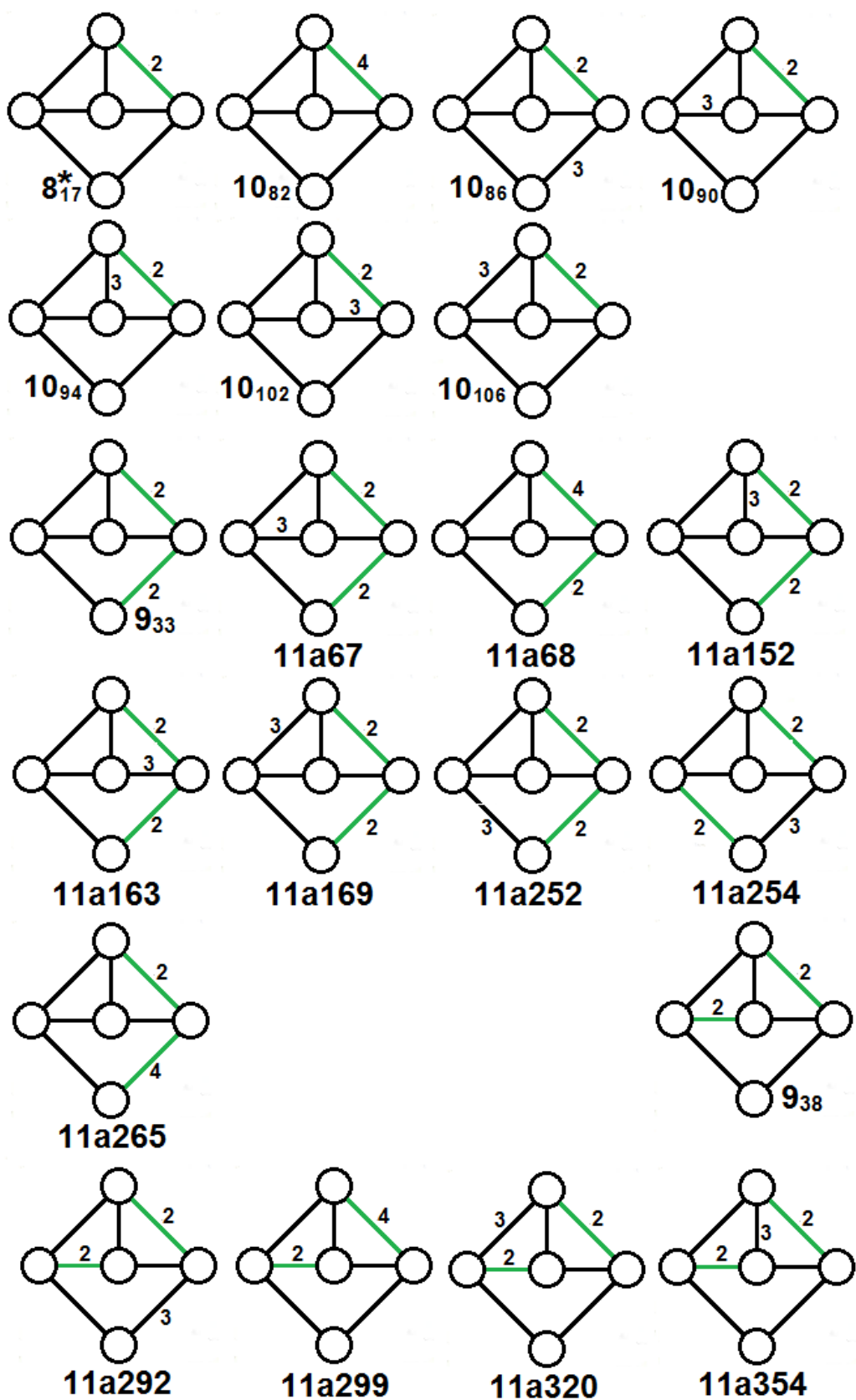


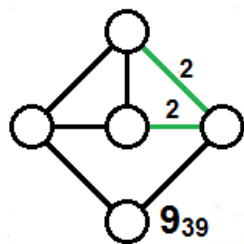


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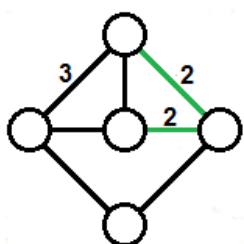




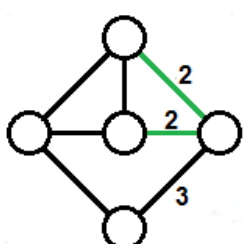




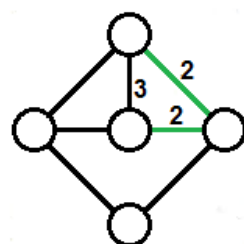
9₃₉



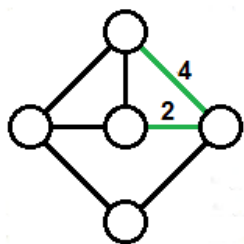
11a296



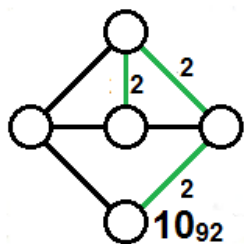
11a317



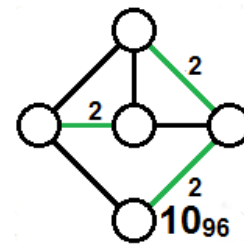
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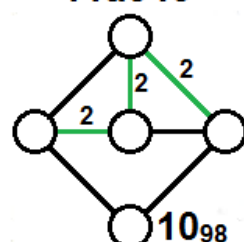
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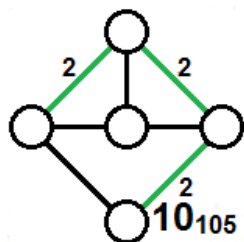
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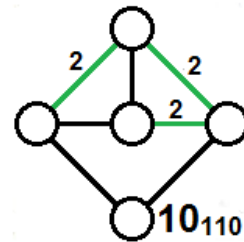
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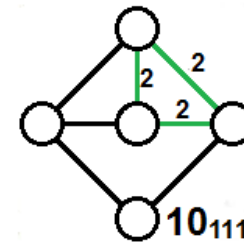
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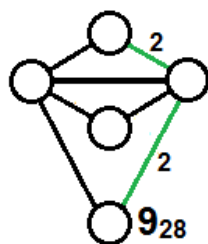
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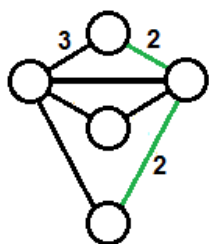
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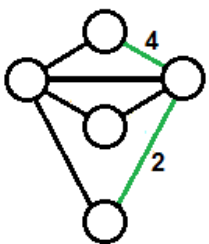
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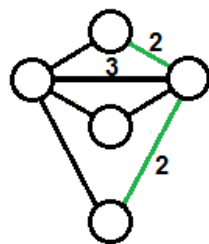
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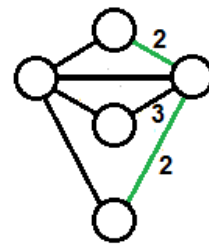
11a22



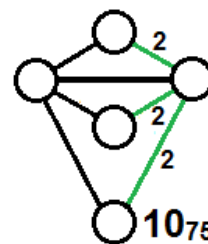
11a40



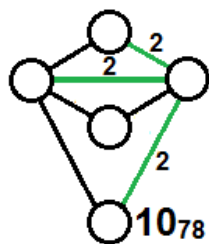
11a46



11a107

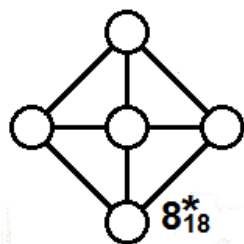


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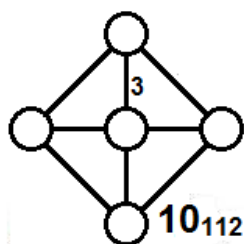


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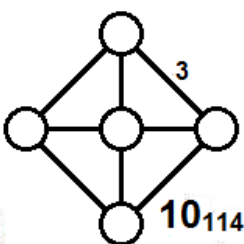
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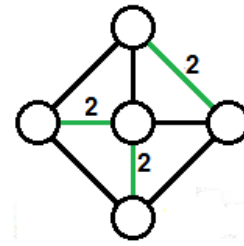
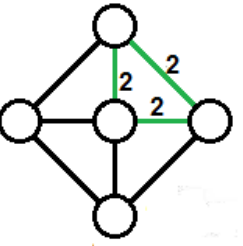
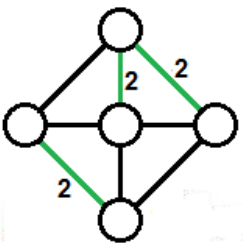
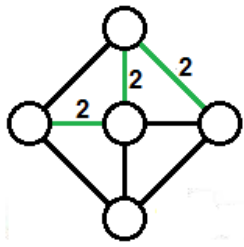
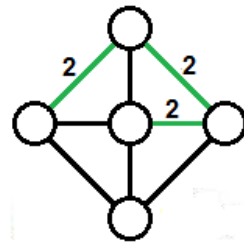
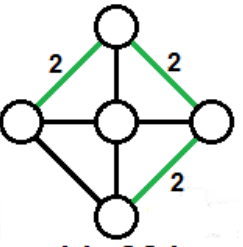
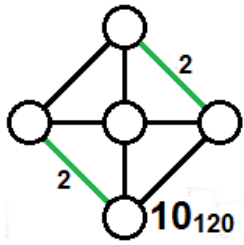
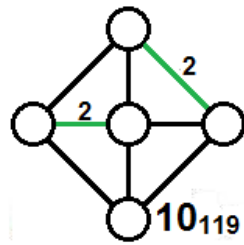
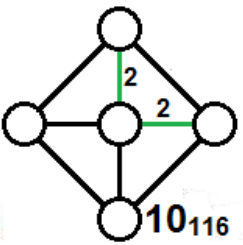
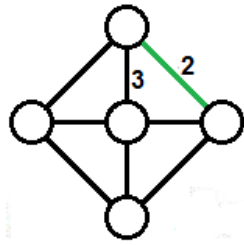
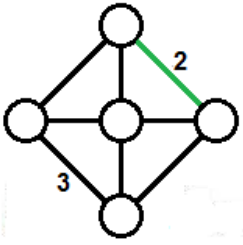
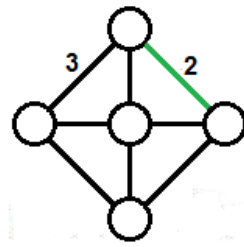
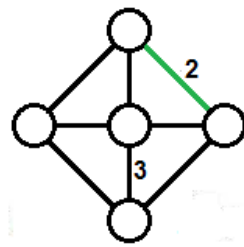
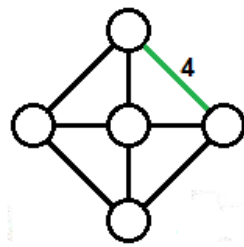
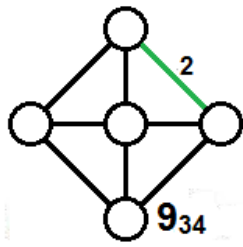
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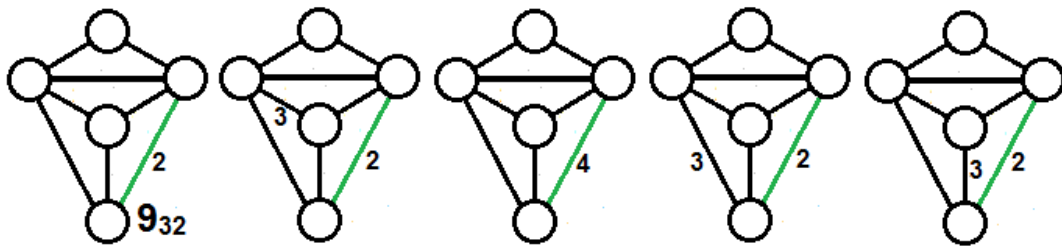


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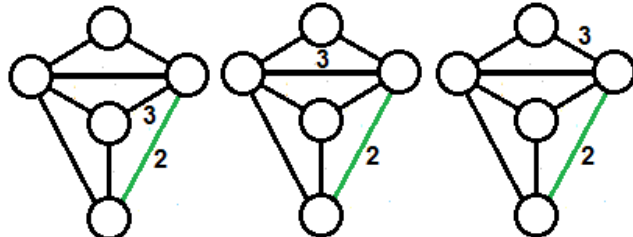
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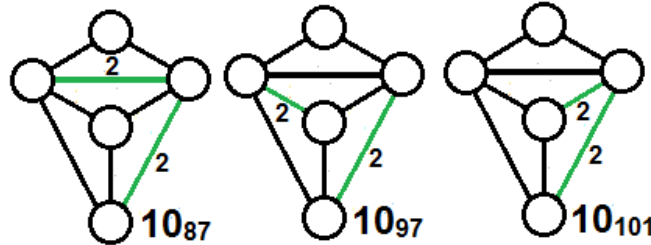
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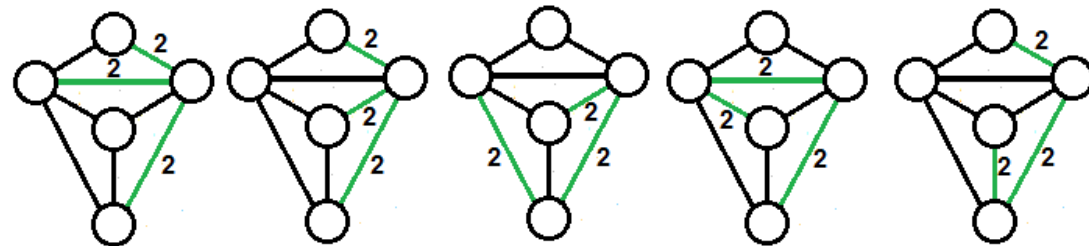
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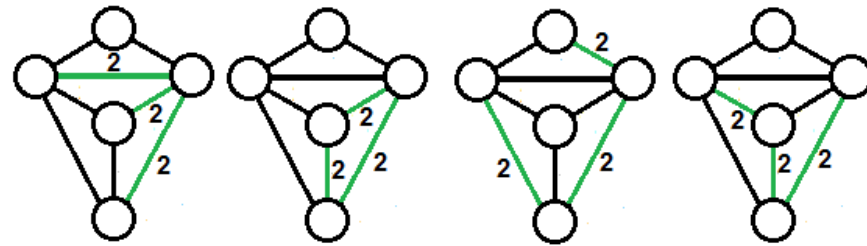
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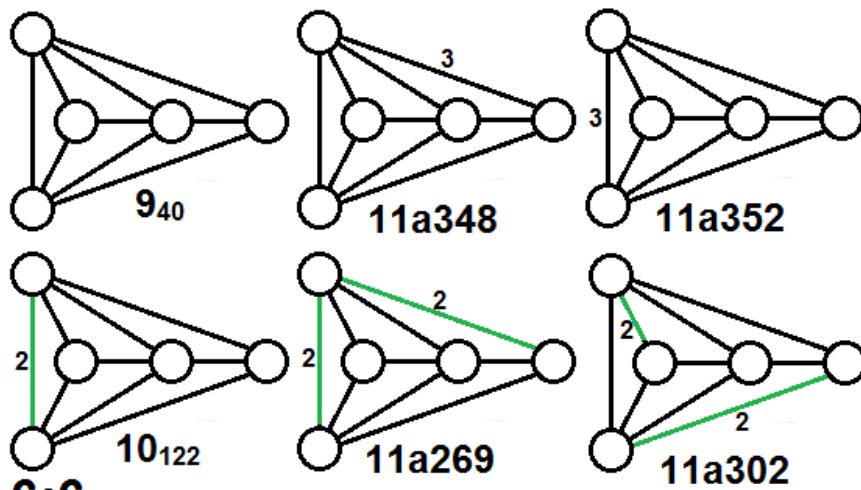
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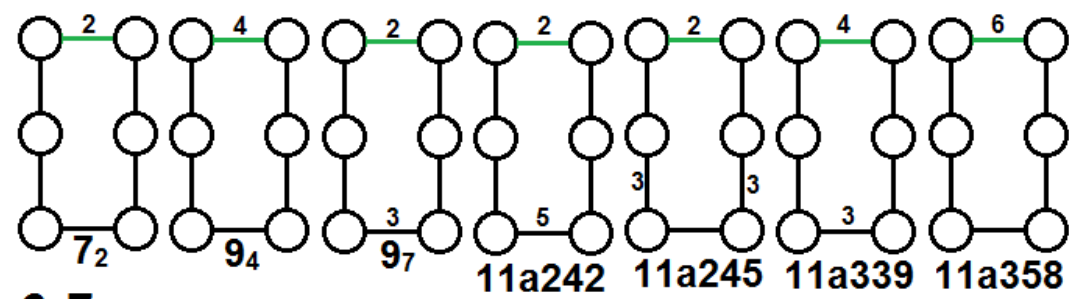
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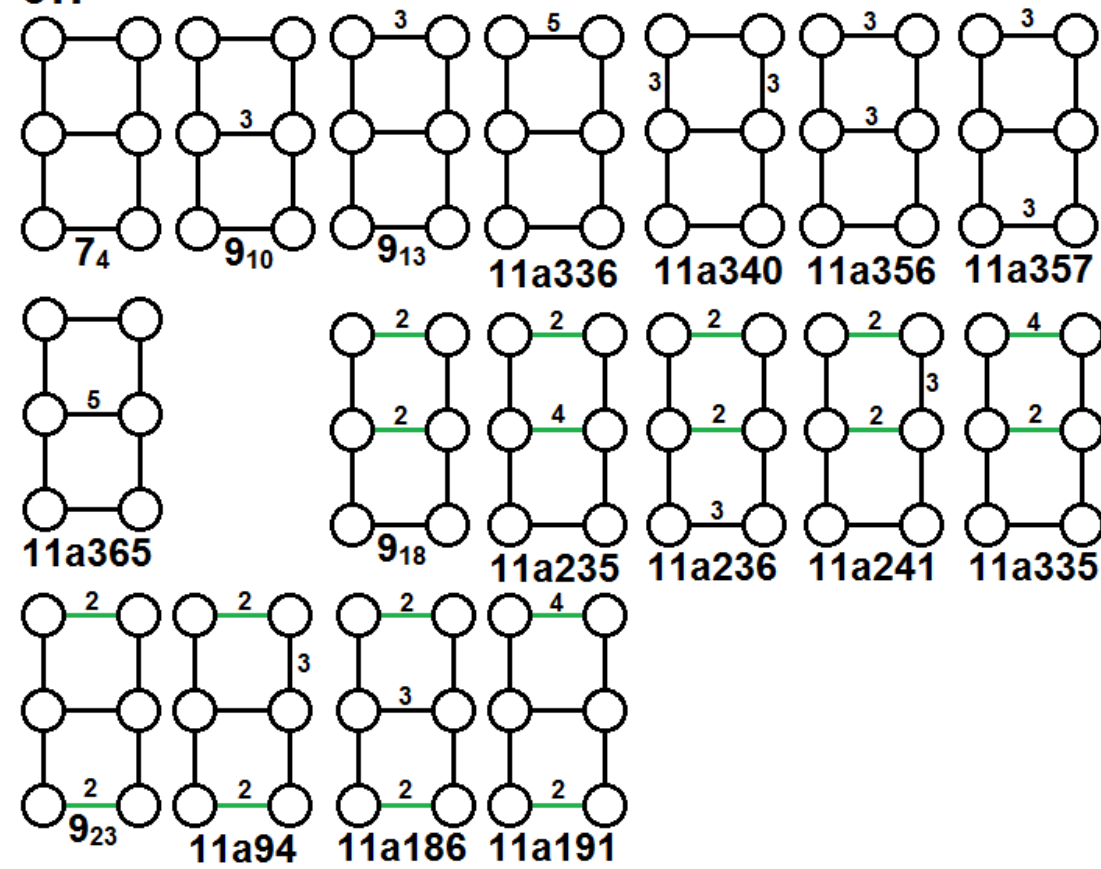
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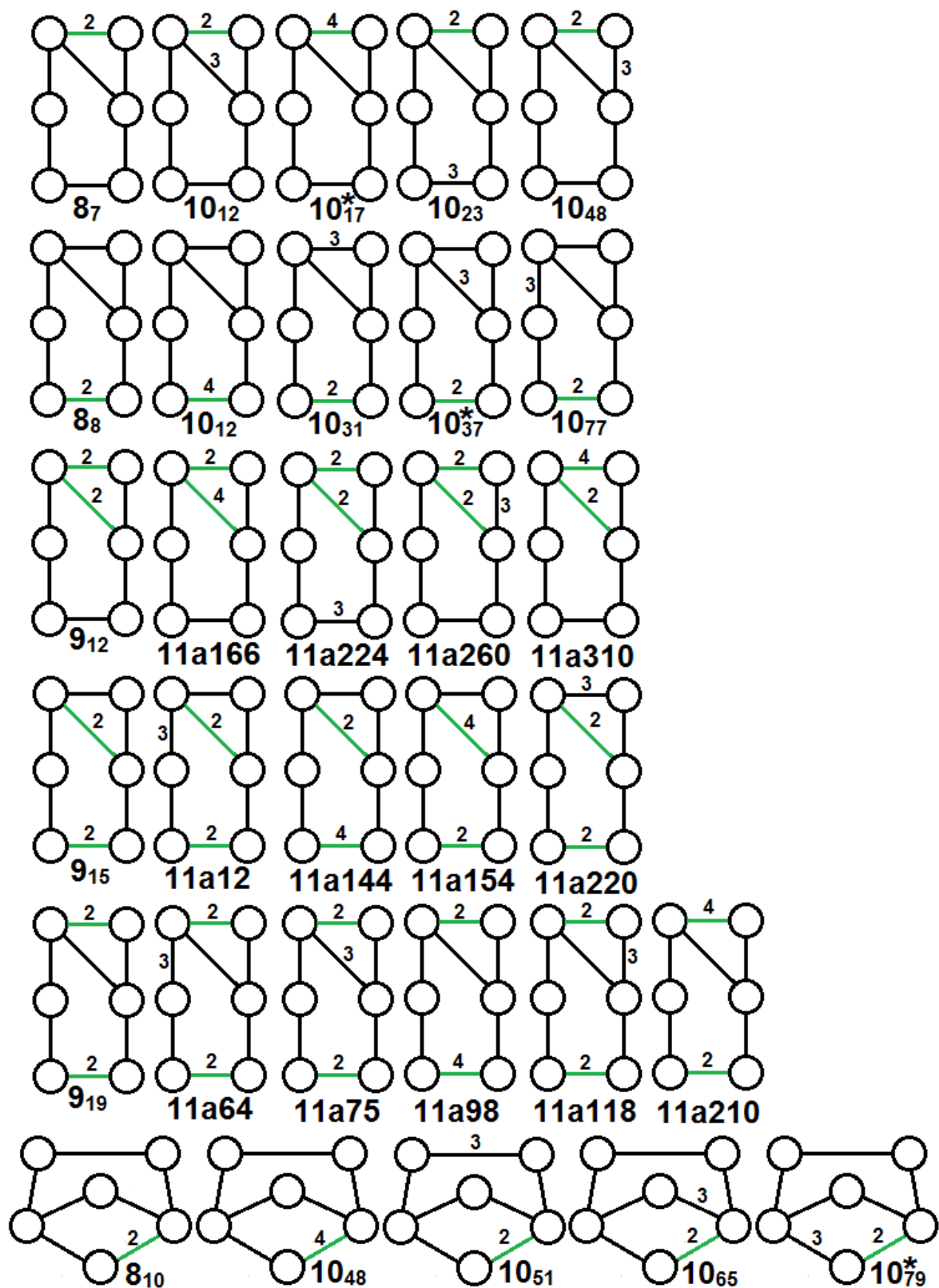


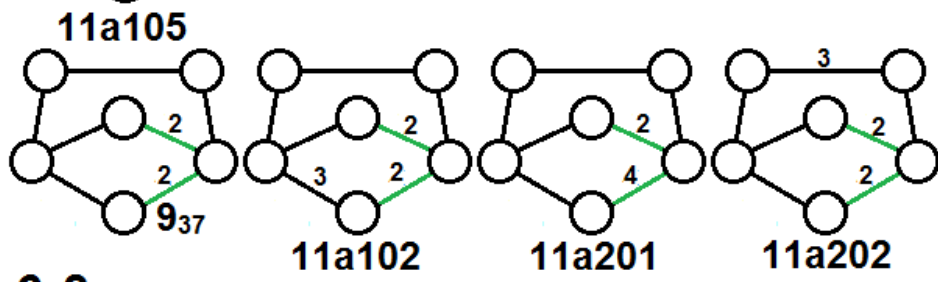
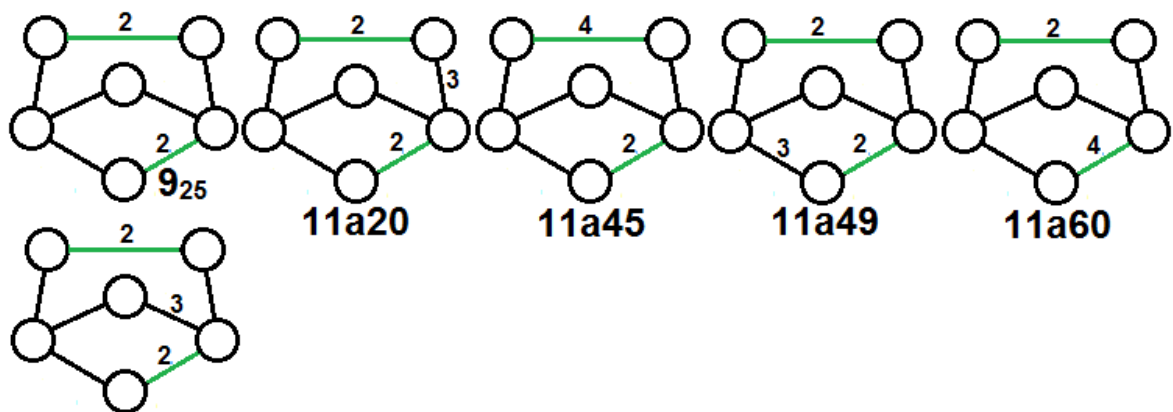
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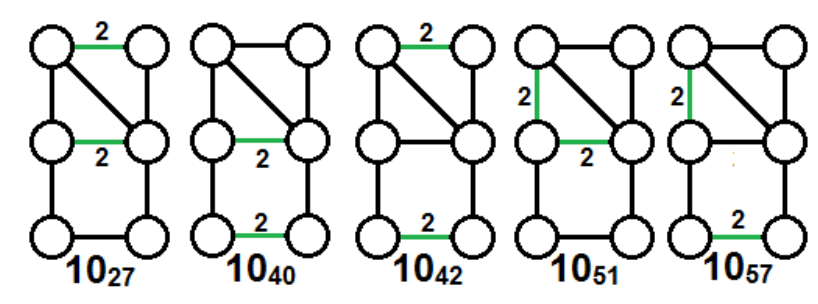
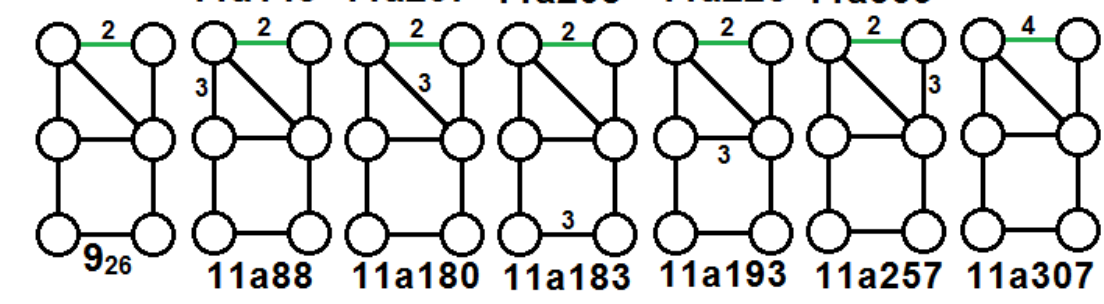
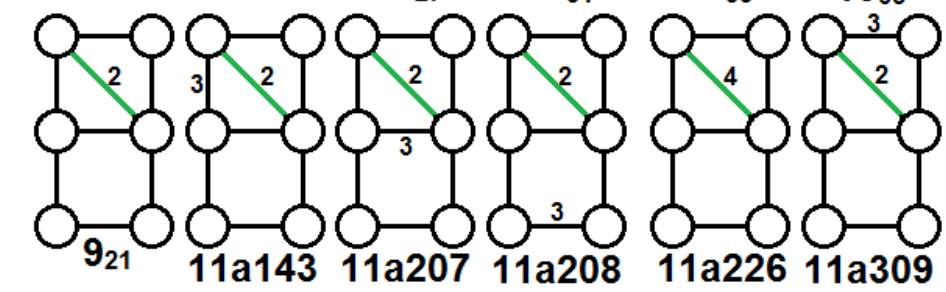
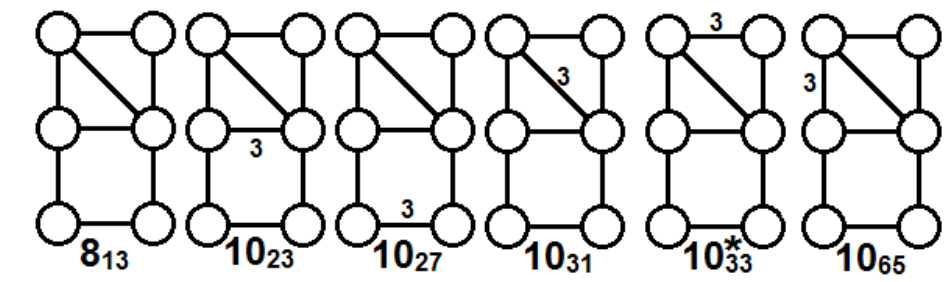
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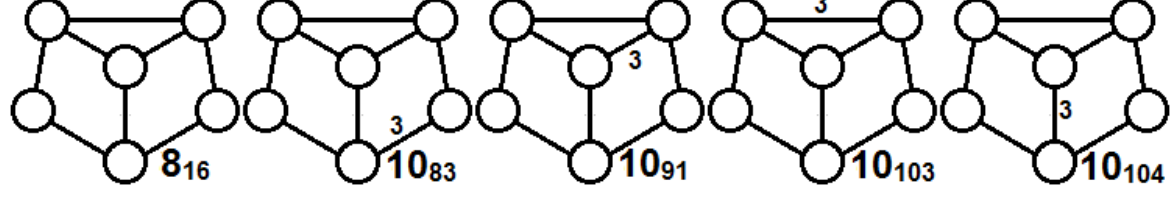
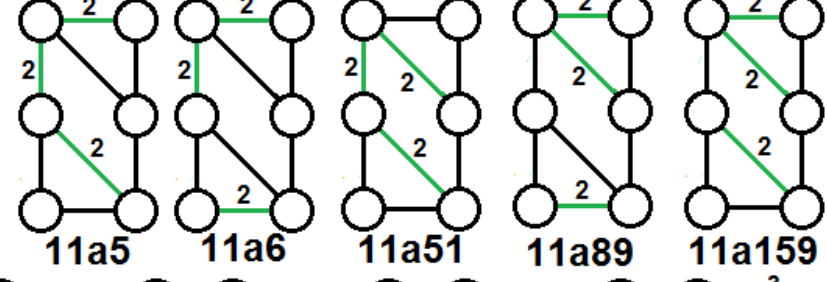
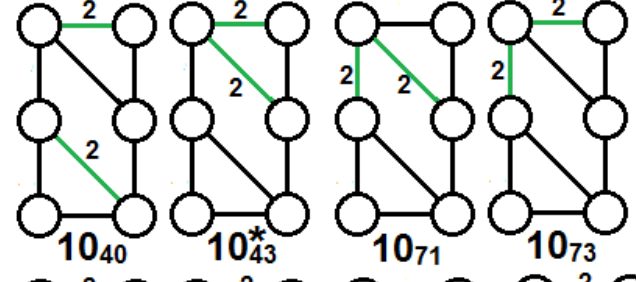
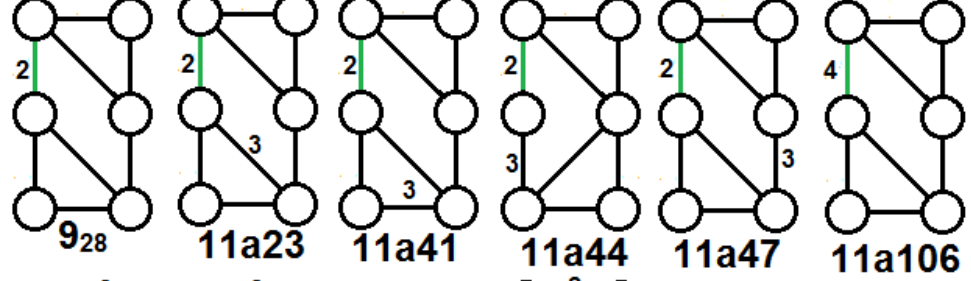
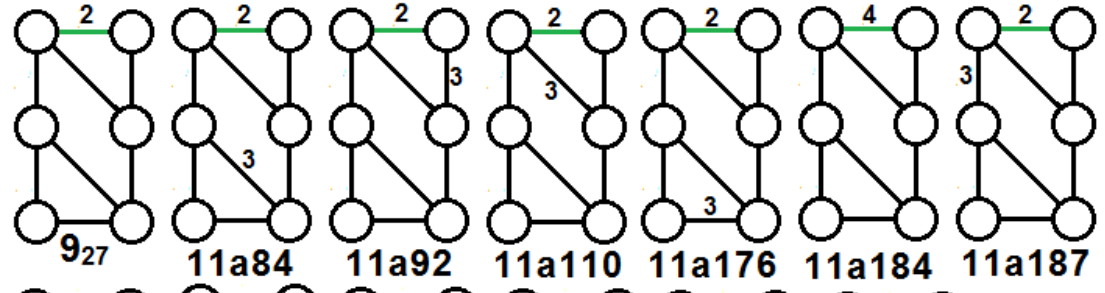
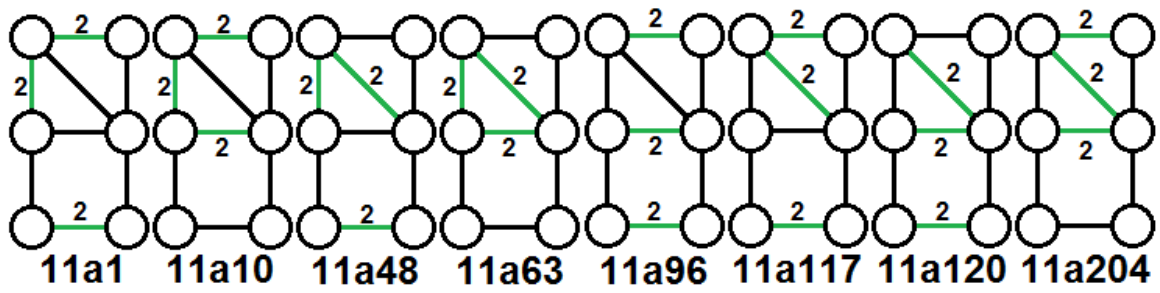


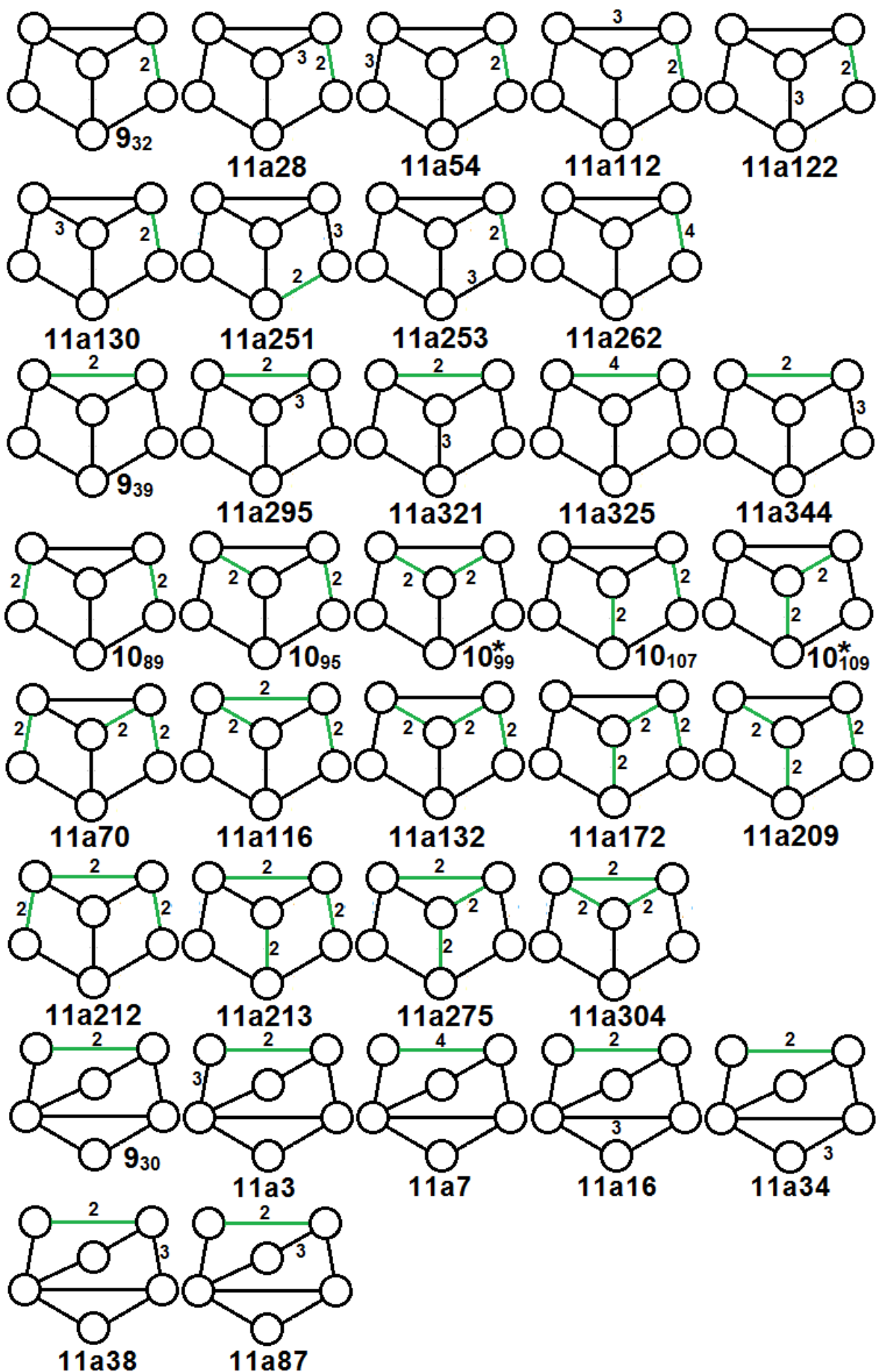


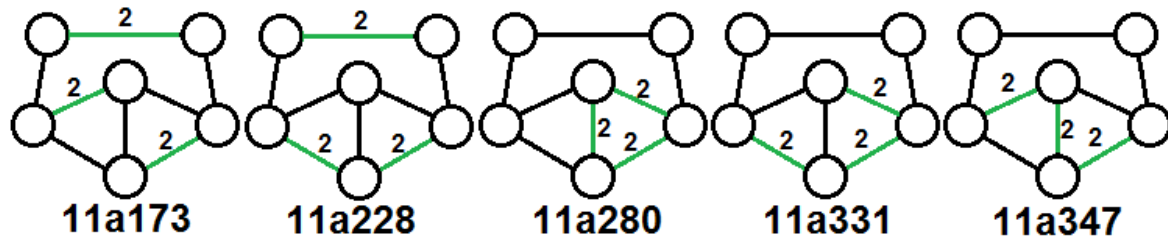
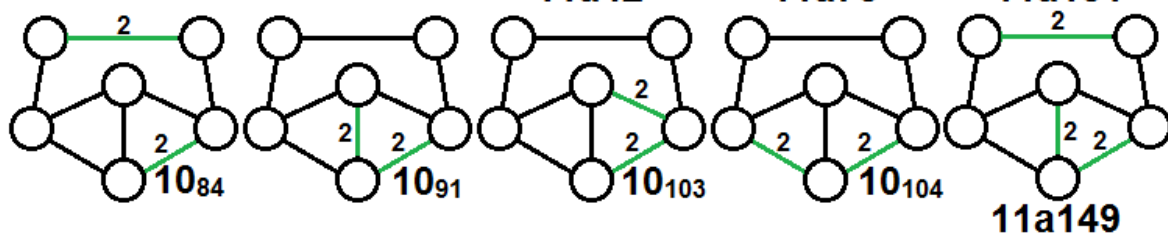
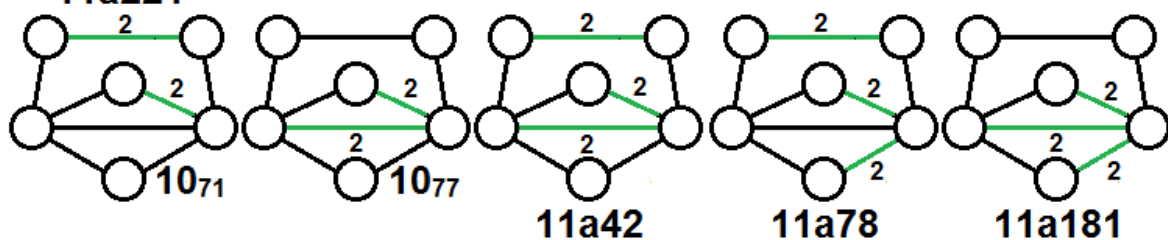
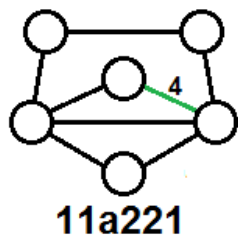
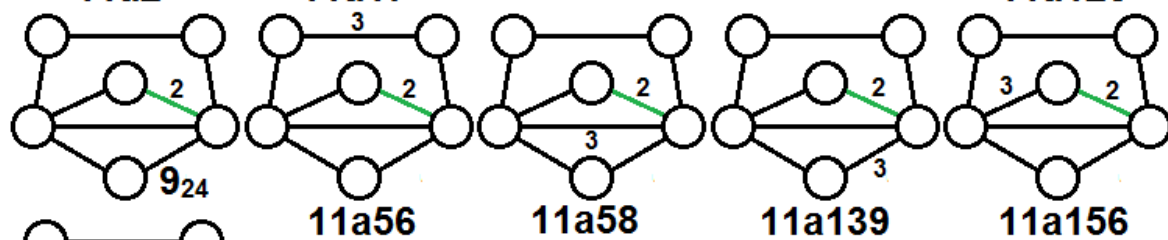
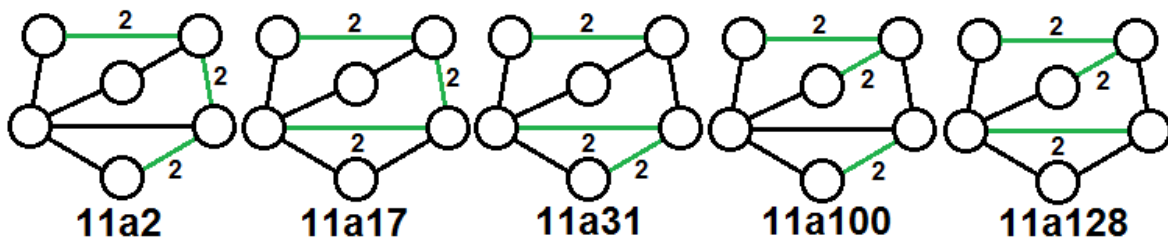
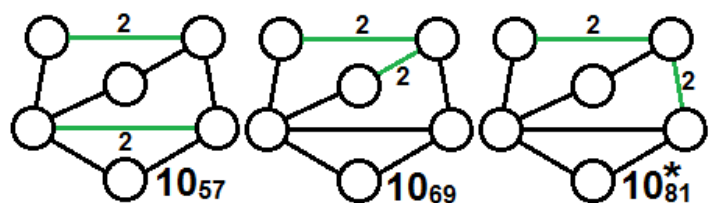


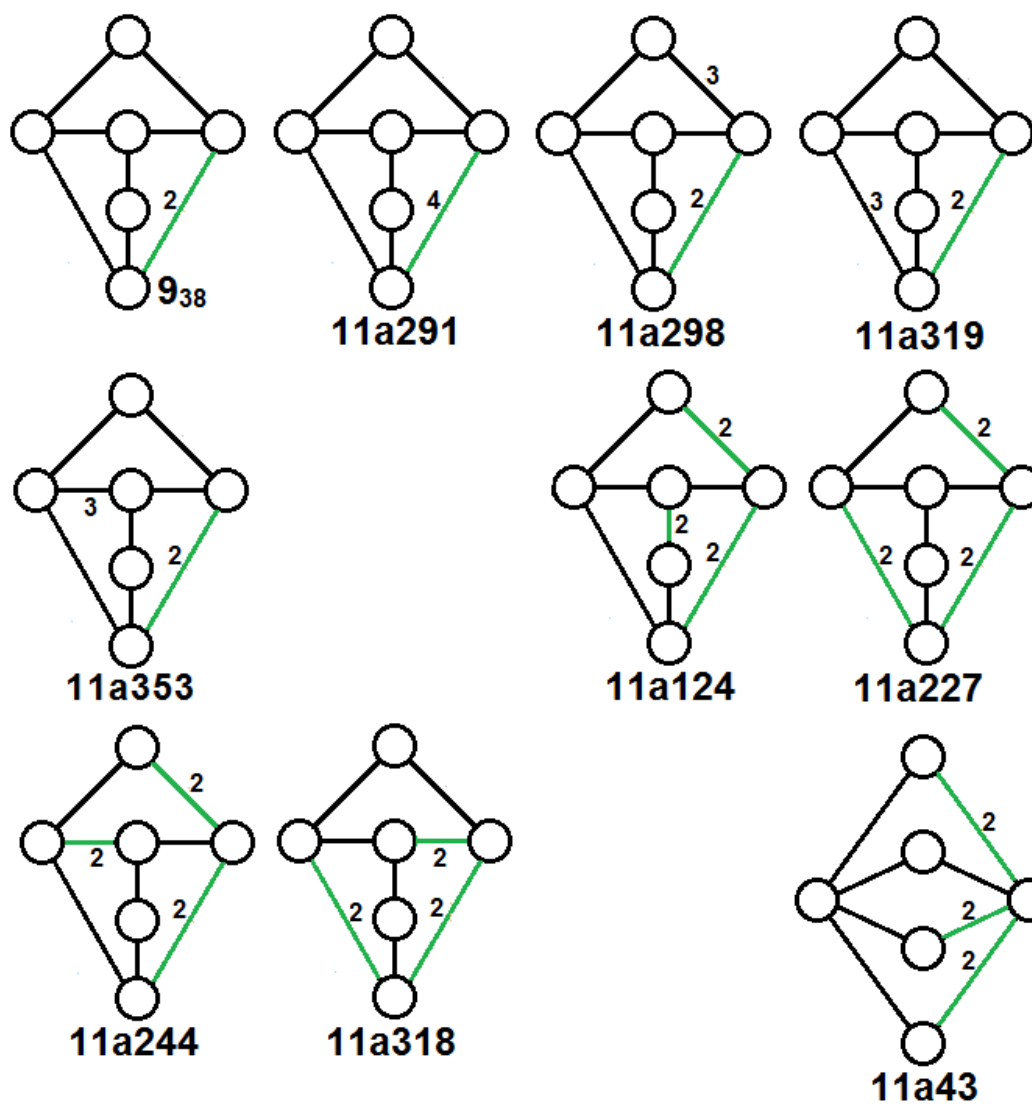
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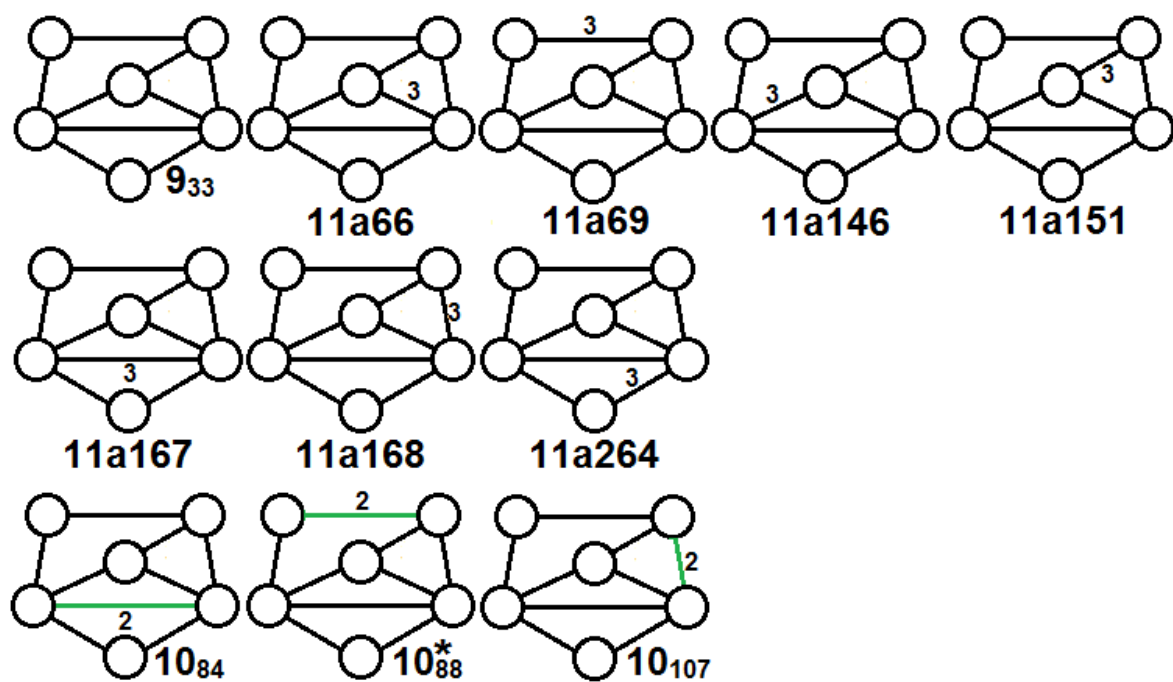


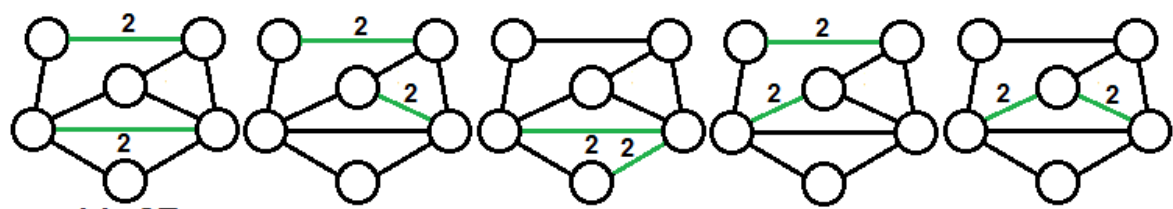






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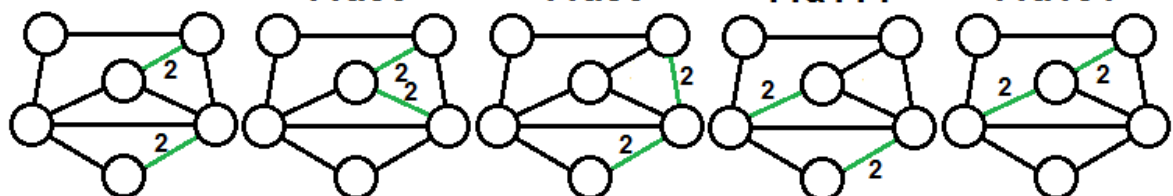
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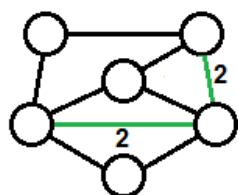
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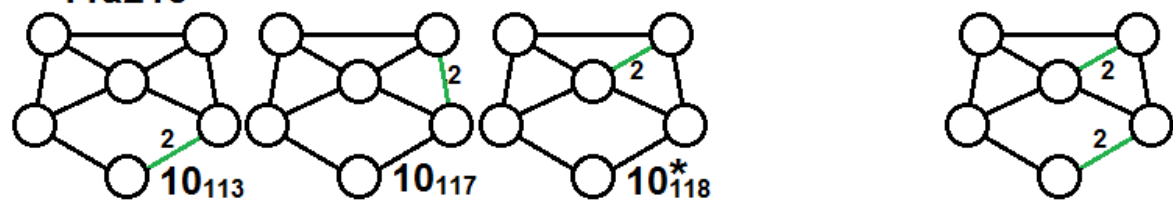
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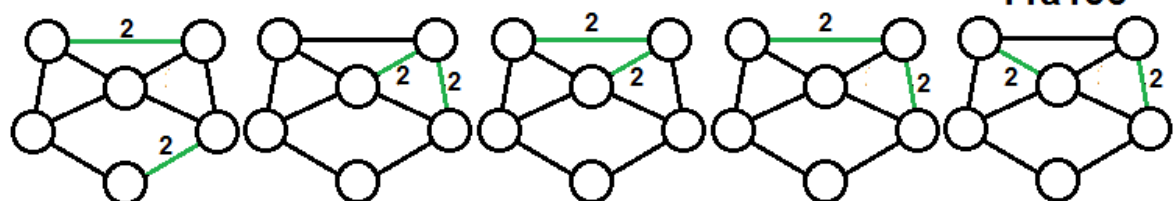


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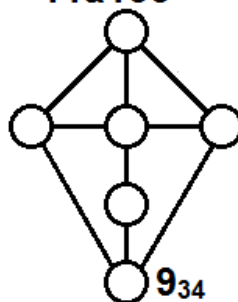
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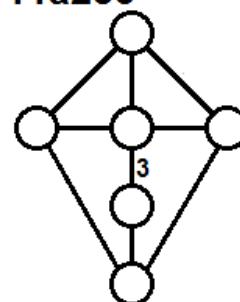
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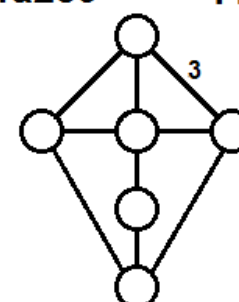
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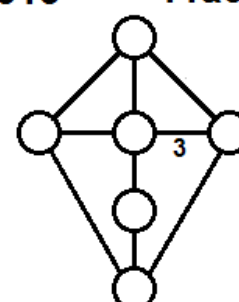
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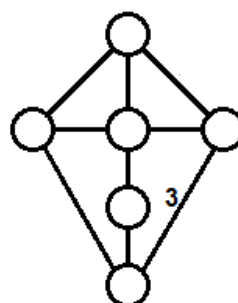
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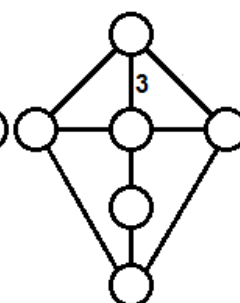
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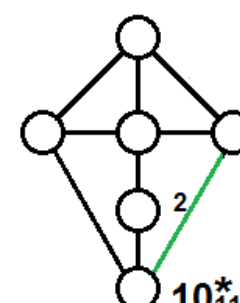
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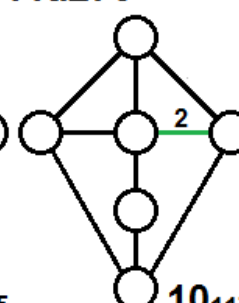
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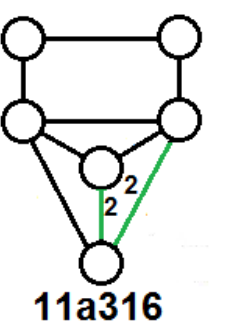
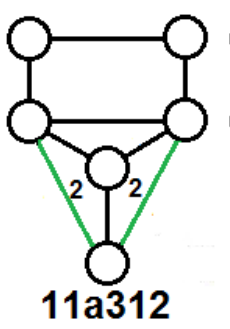
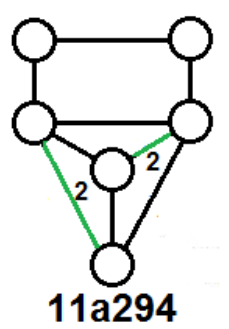
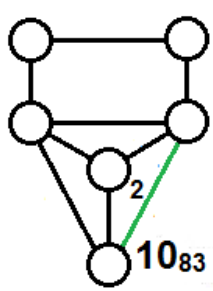
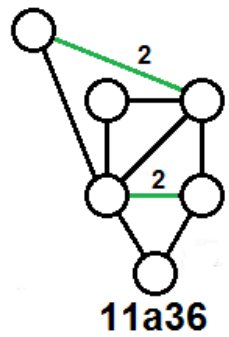
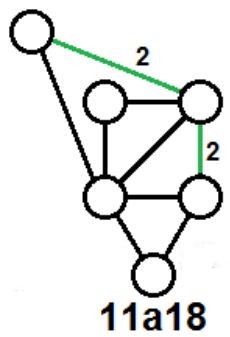
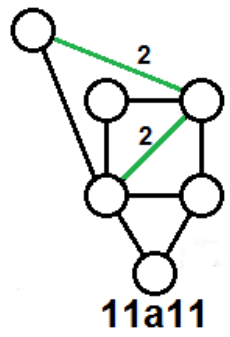
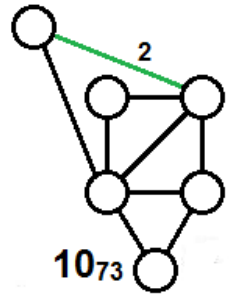
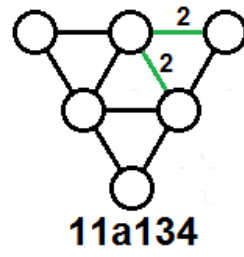
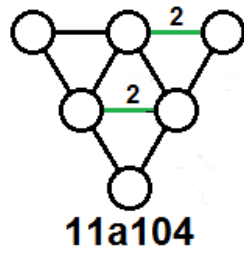
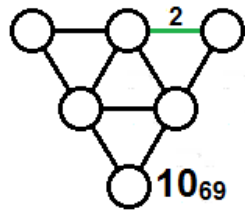
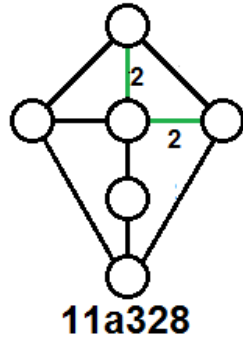
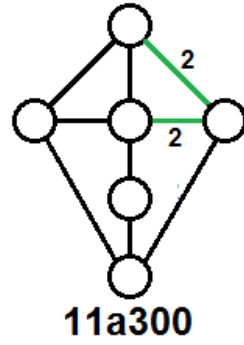
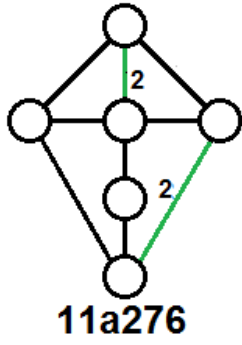
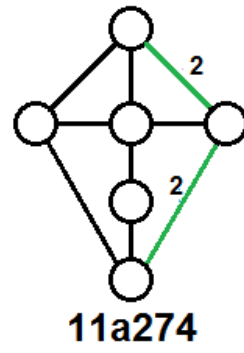
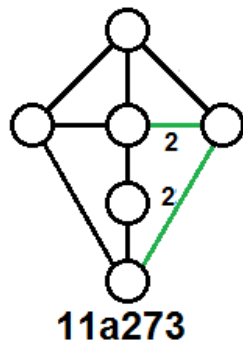
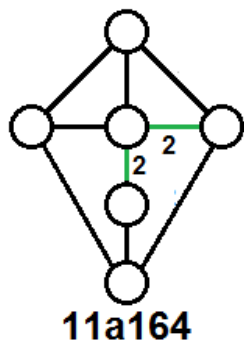
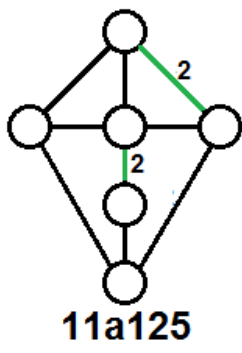
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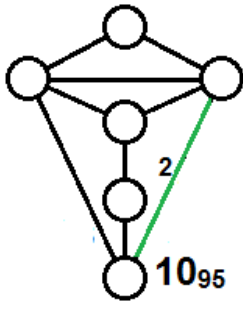


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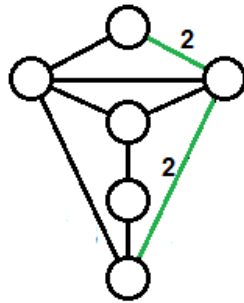


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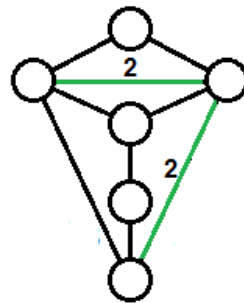




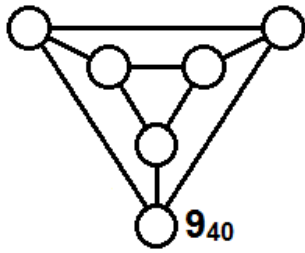
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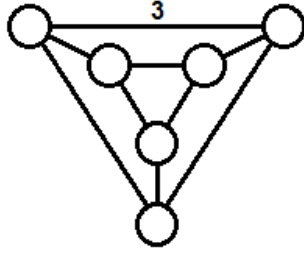
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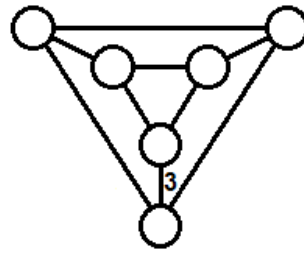
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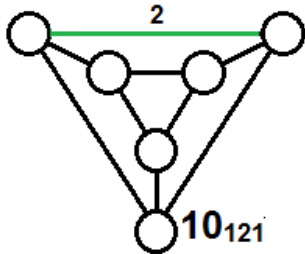
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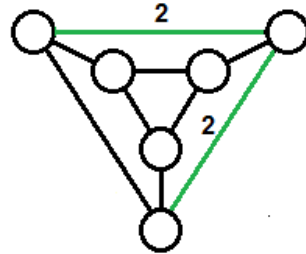
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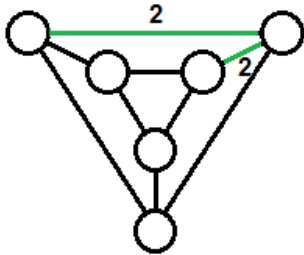
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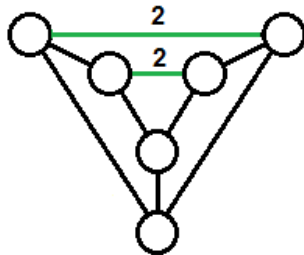
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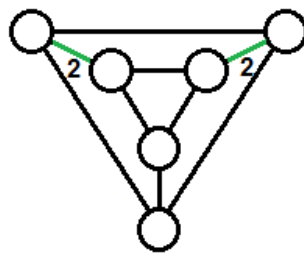
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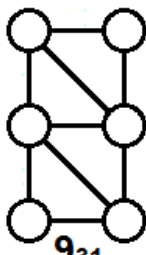
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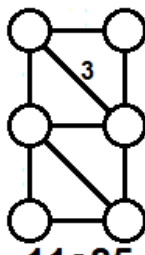
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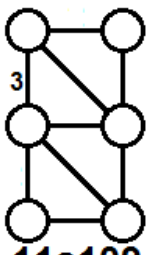
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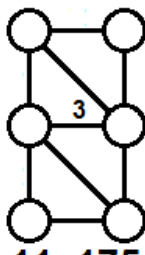
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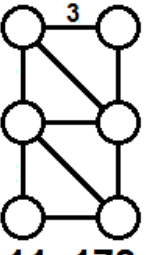
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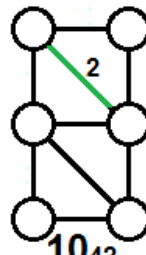
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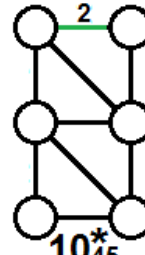
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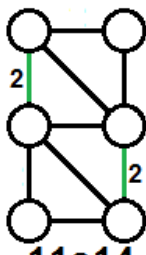
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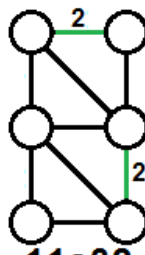
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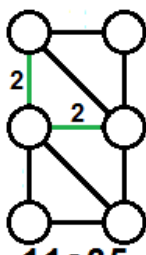
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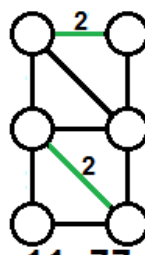
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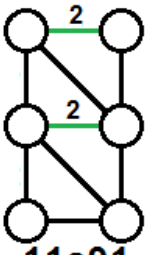
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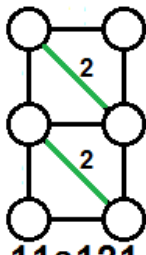
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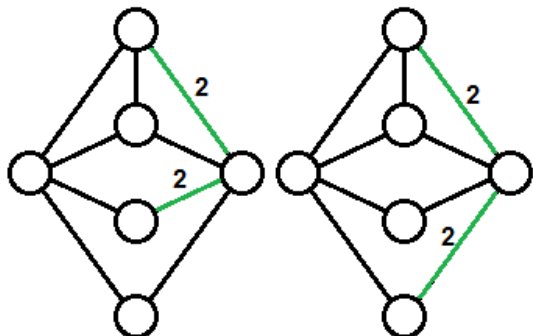
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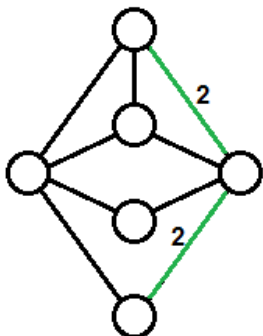
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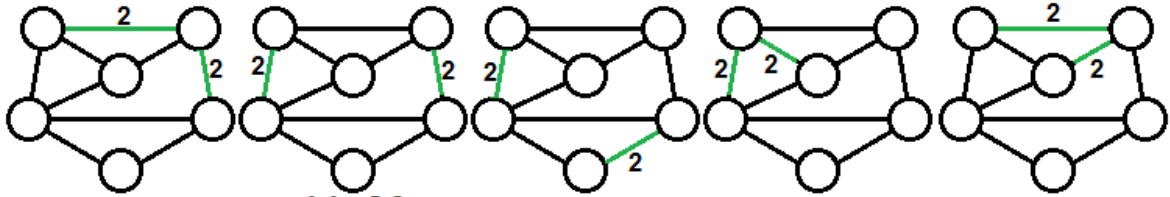
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11a19



11a25



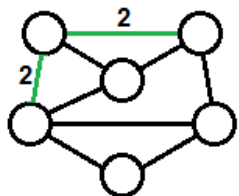
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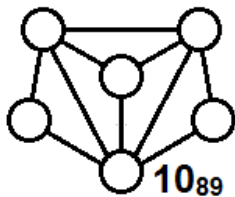
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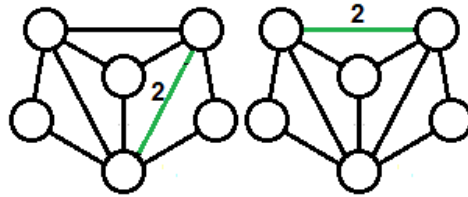


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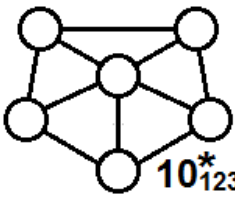


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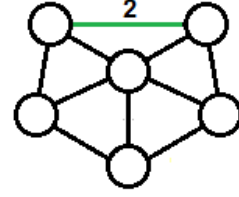


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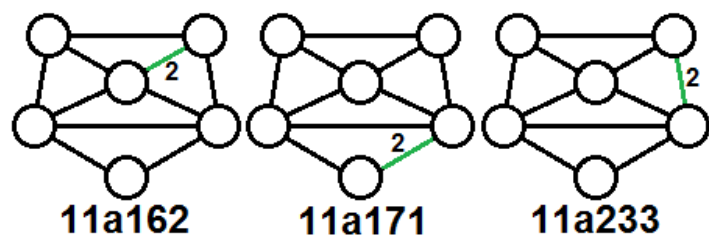
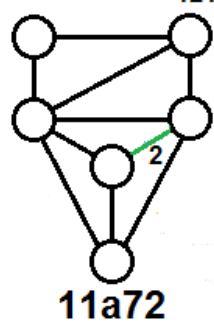
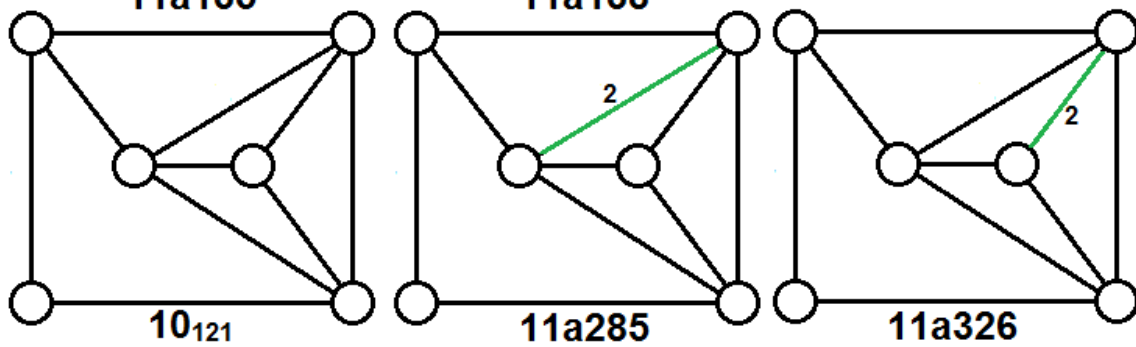
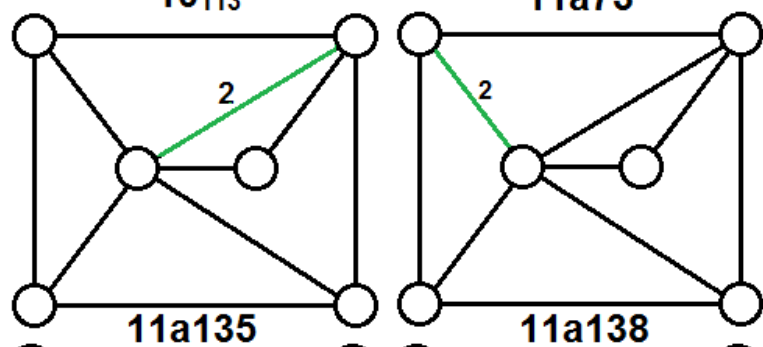
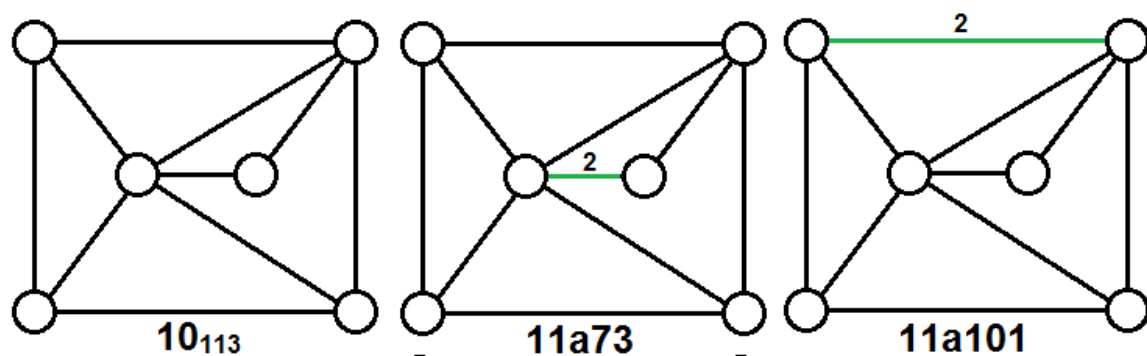
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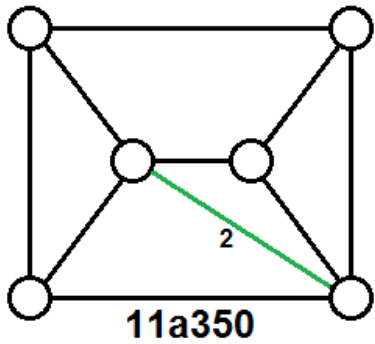
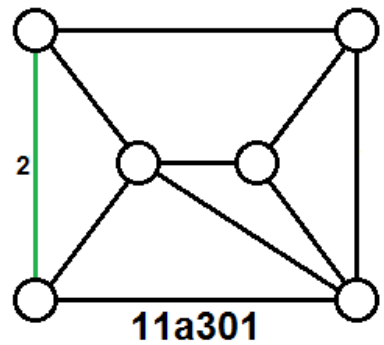
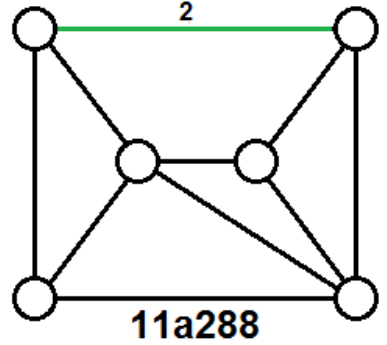
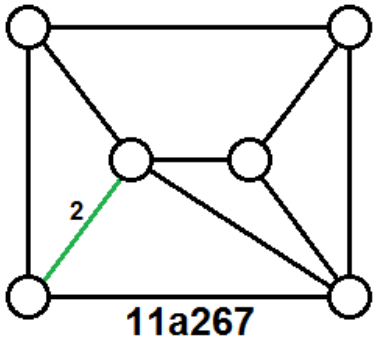
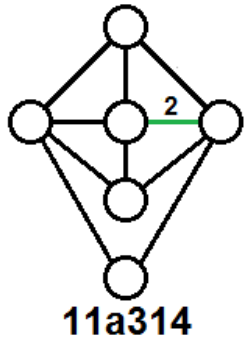
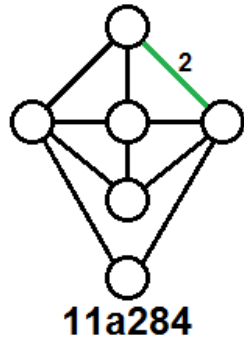
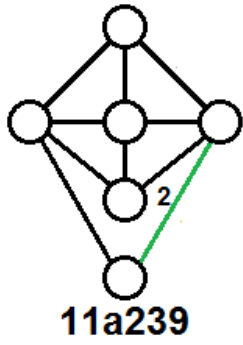
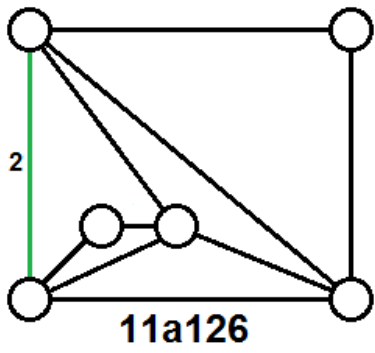


10*₁₂₃



11a327





6:11

