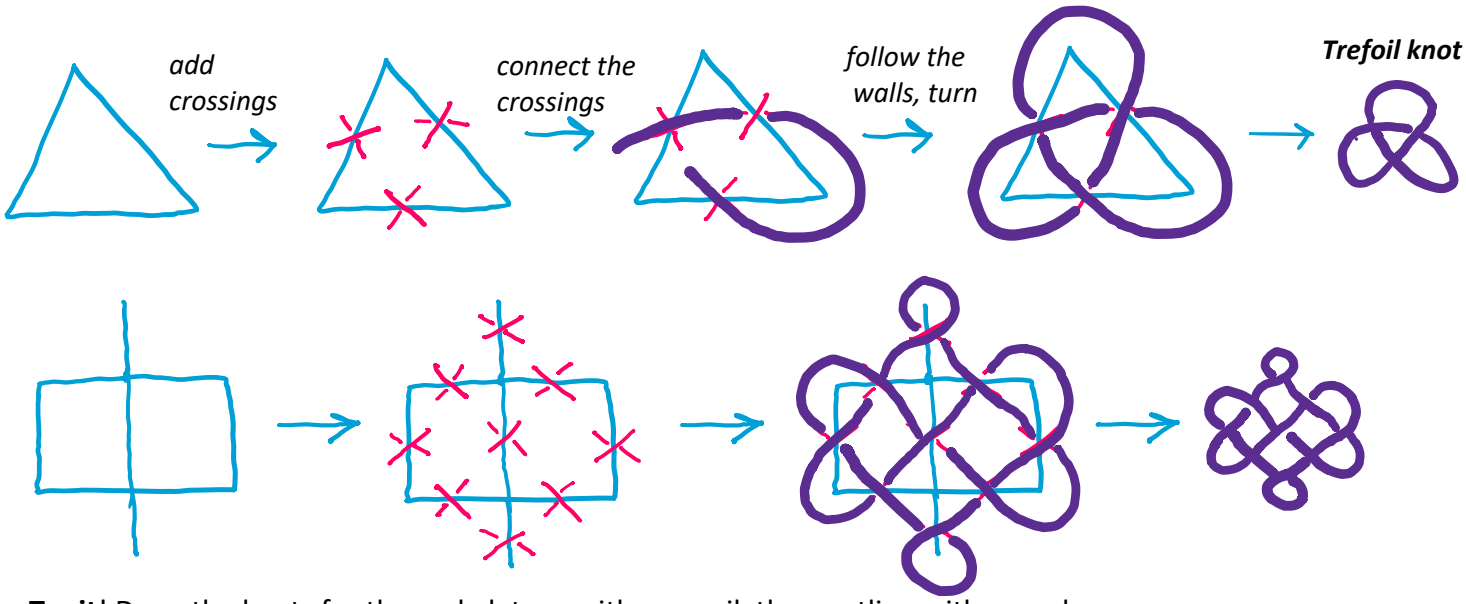
JMM 2025. Knots from Graphs.

We can draw knots by weaving a thread around a graph, a "*skeleton*" of this knot
Follow these rules

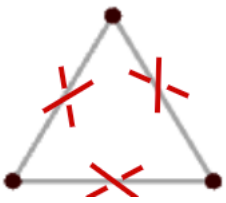
1. Each edge should have a crossing in the middle that the thread follows. One stroke of the crossing goes under, and the other goes over the edge.
2. All the crossings should stick to the same up/down direction
3. Think of the edges as walls. Follow the wall, turn a corner, follow the wall, until you meet another crossing. Connect all crossings.

Examples:



Try it! Draw the knots for these skeletons with a pencil, then outline with a marker.

a)



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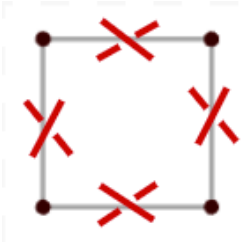

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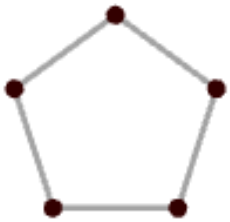

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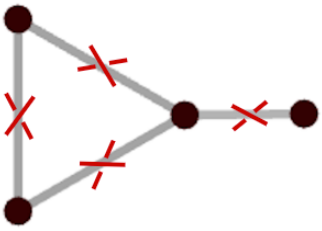

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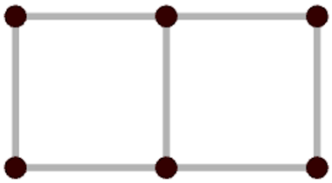

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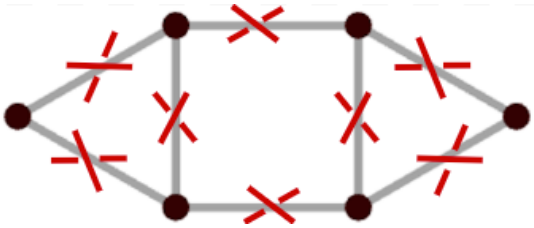
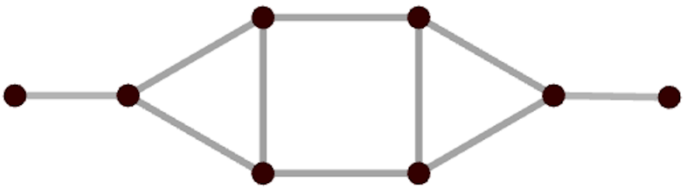
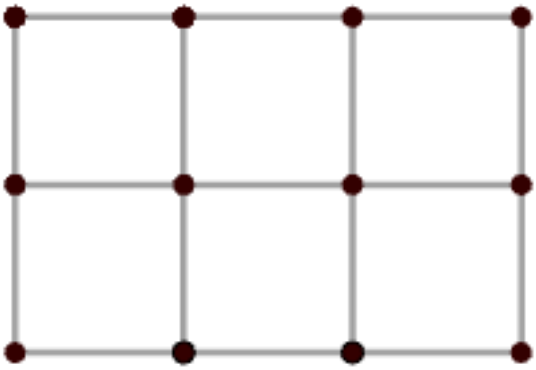
f)



g)



g)



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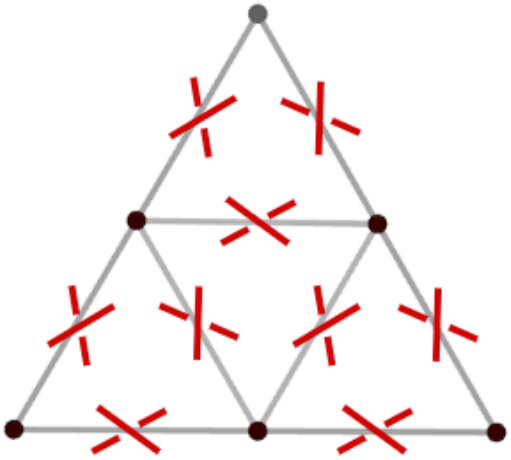

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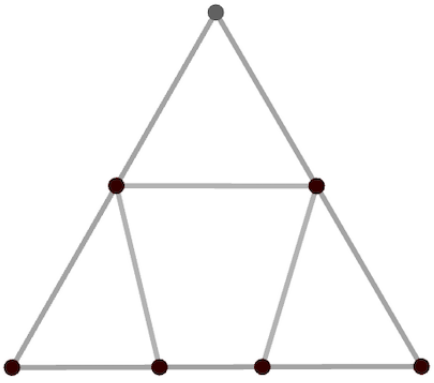
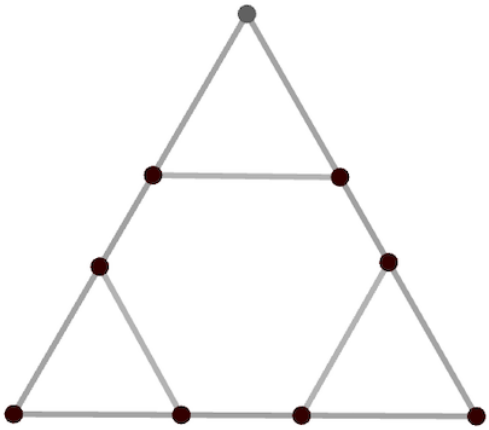


k)



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