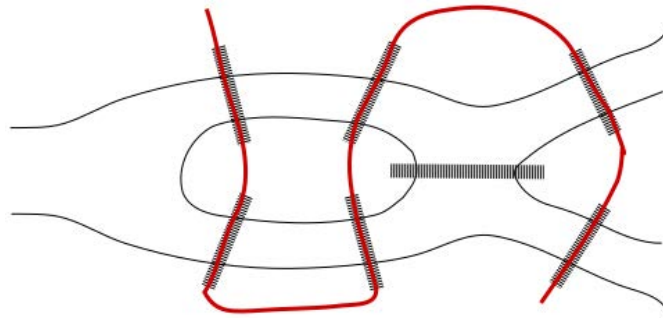


# Puzzle of the Week

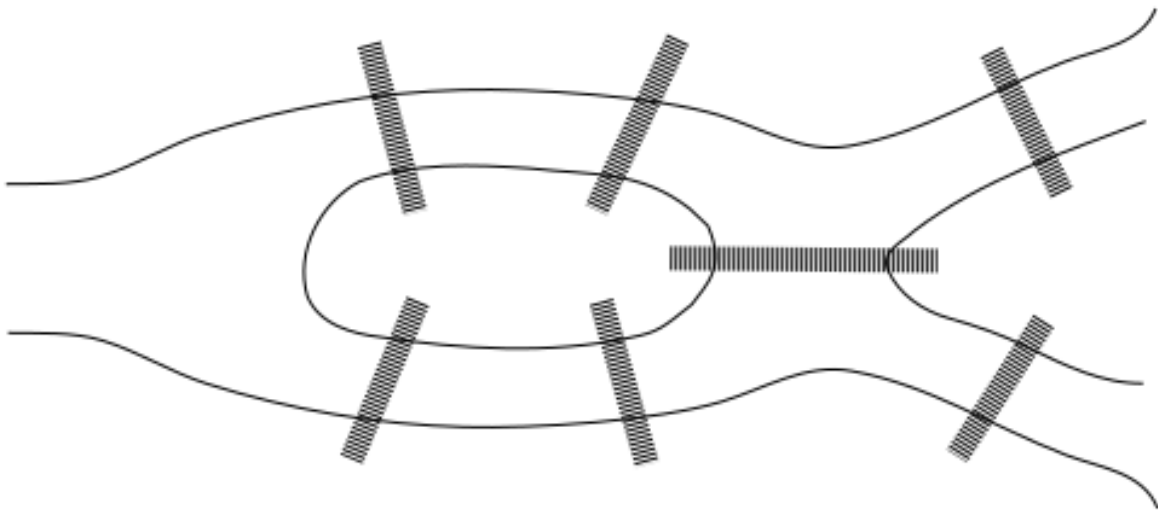
## *Parades – 2 – 7 Bridges of Königsberg*

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This is a map of Königsberg showing the river that runs through it, the island in the middle of the river, and the seven bridges that span the river. The people of Königsberg wanted to have a parade that went over each of their bridges exactly once. They could not seem to find a parade route that visited all seven bridges.



**THE CHALLENGE:** If you can, find a parade route that crosses each of their bridges exactly once. If you can't, give a reason for why it is impossible.



**EXPLORATION:** If you add another bridge over the river, would that make the problem easier or harder?