

Dijkstra-algorithm

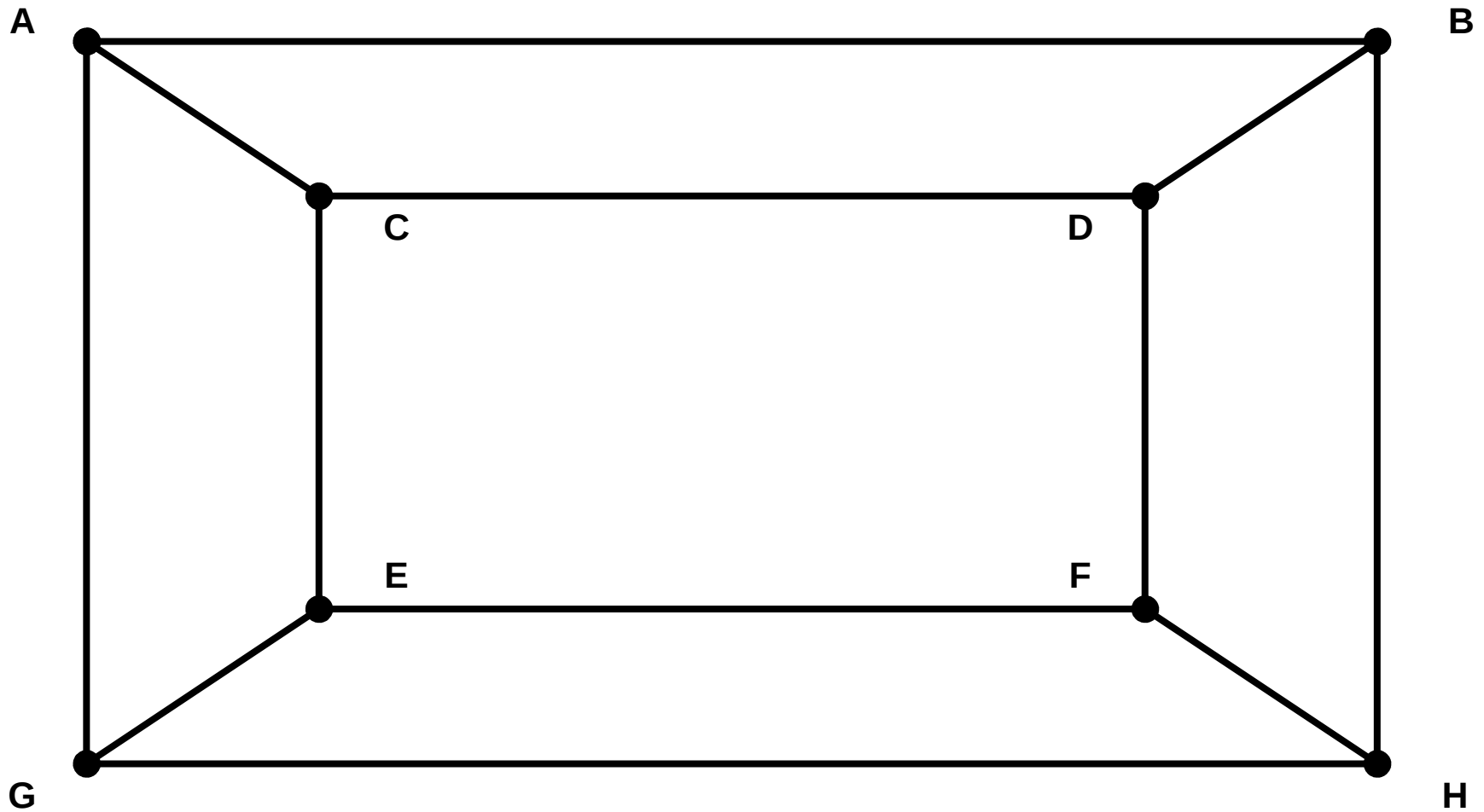
example

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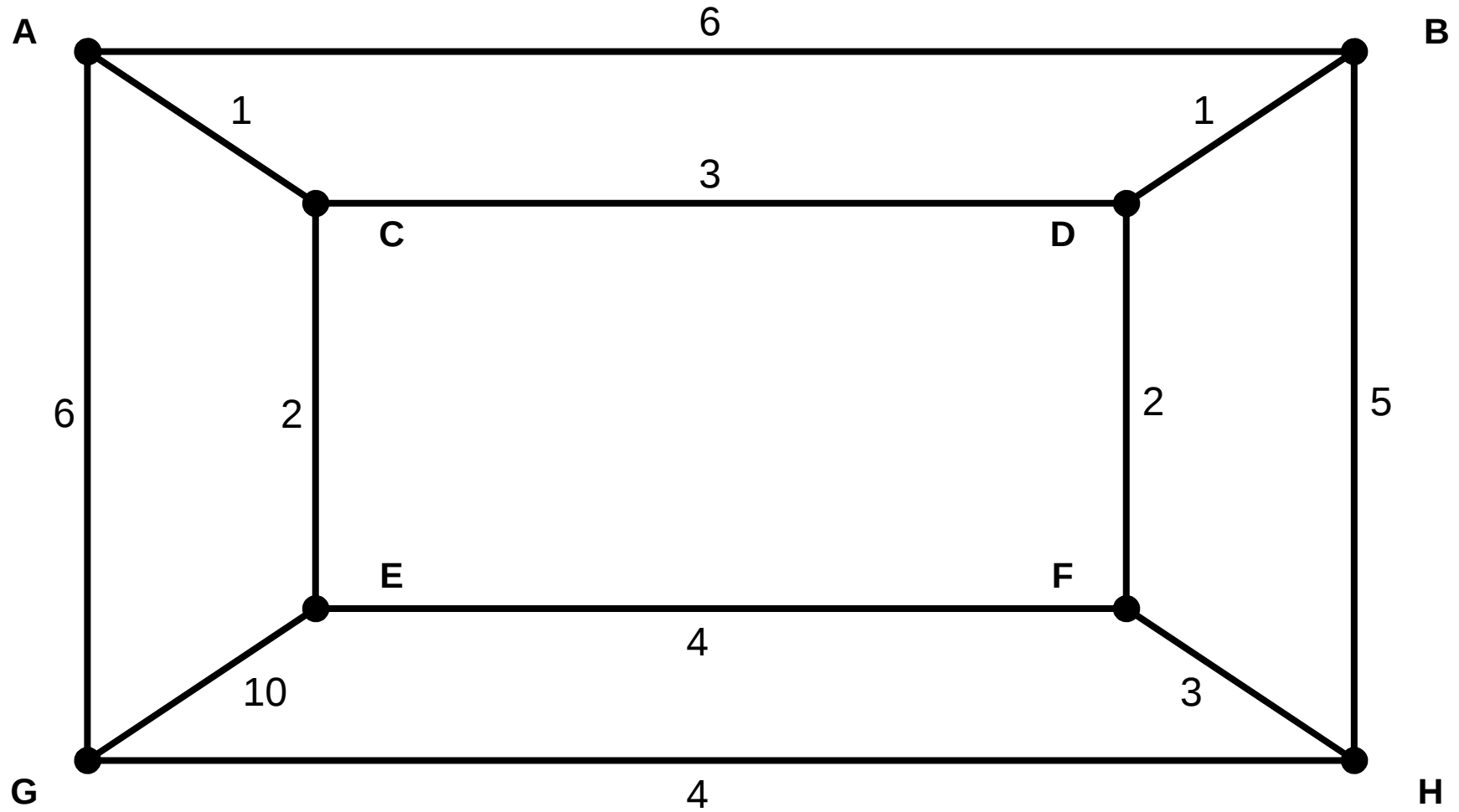
Problem

- The network topology and the costs of links are known by node A.
- Find the optimal paths to all other nodes.
- Store the cost (length) of optimal paths and the next node on the optimal path towards the destination.

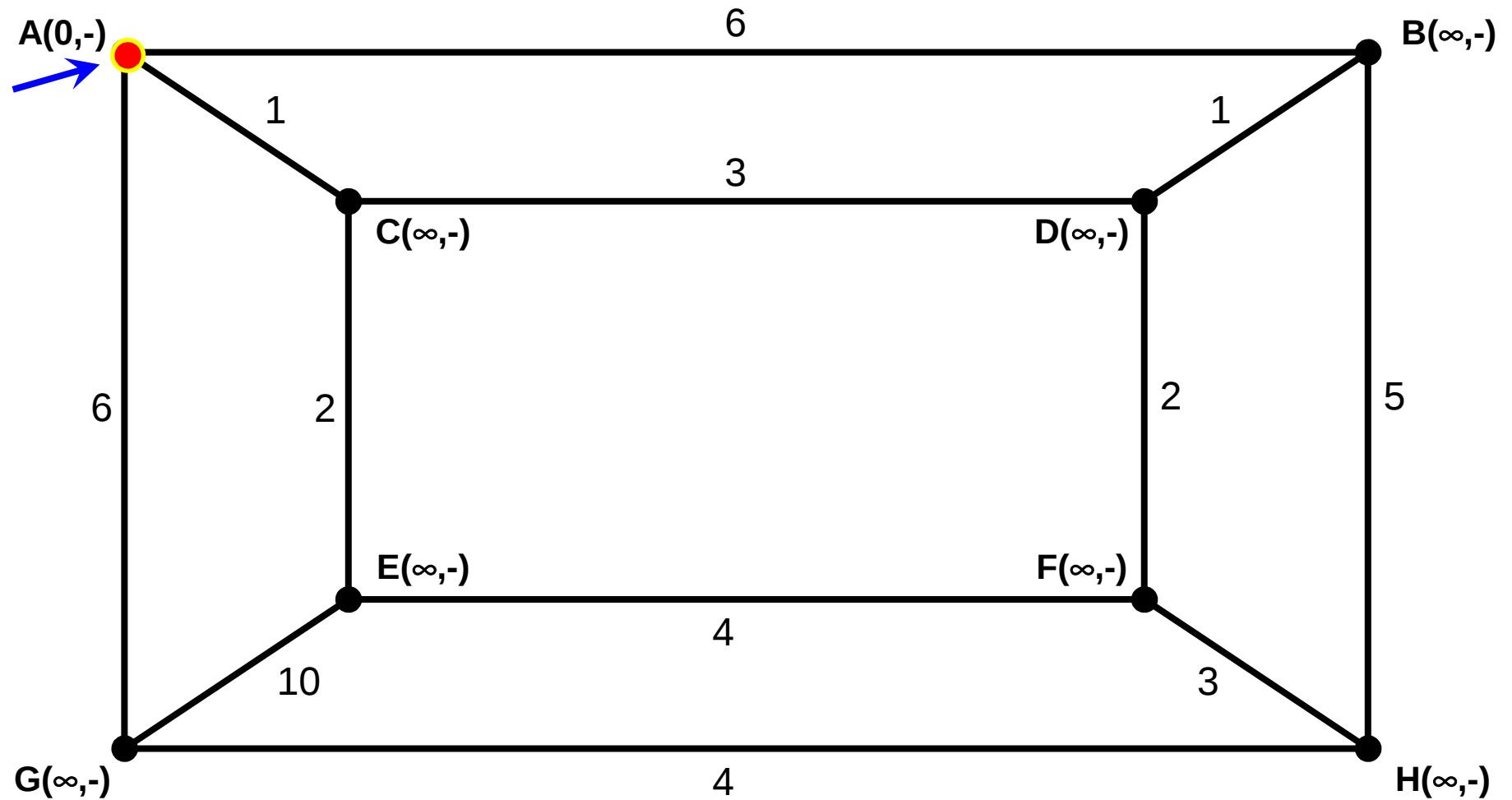
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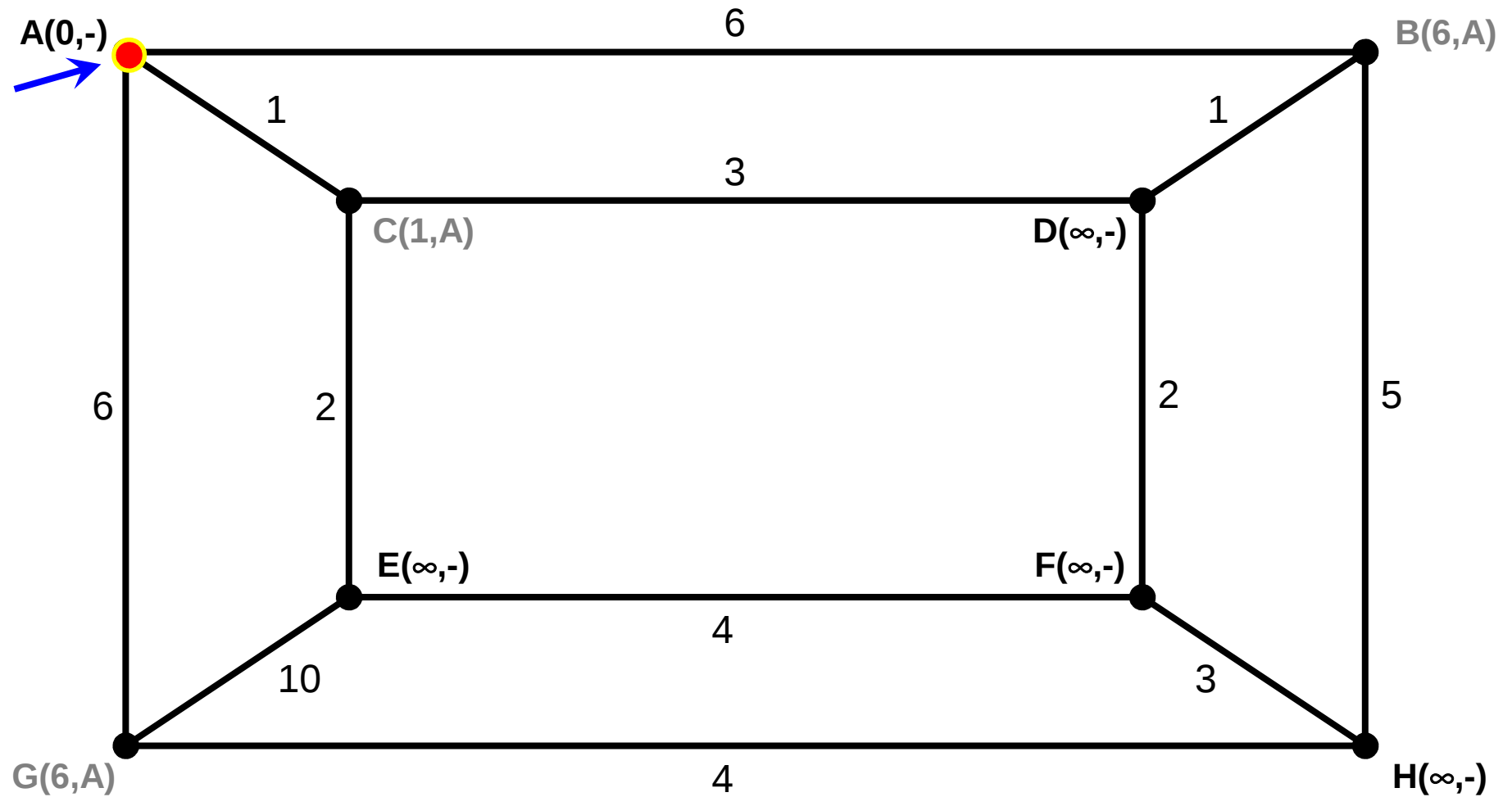
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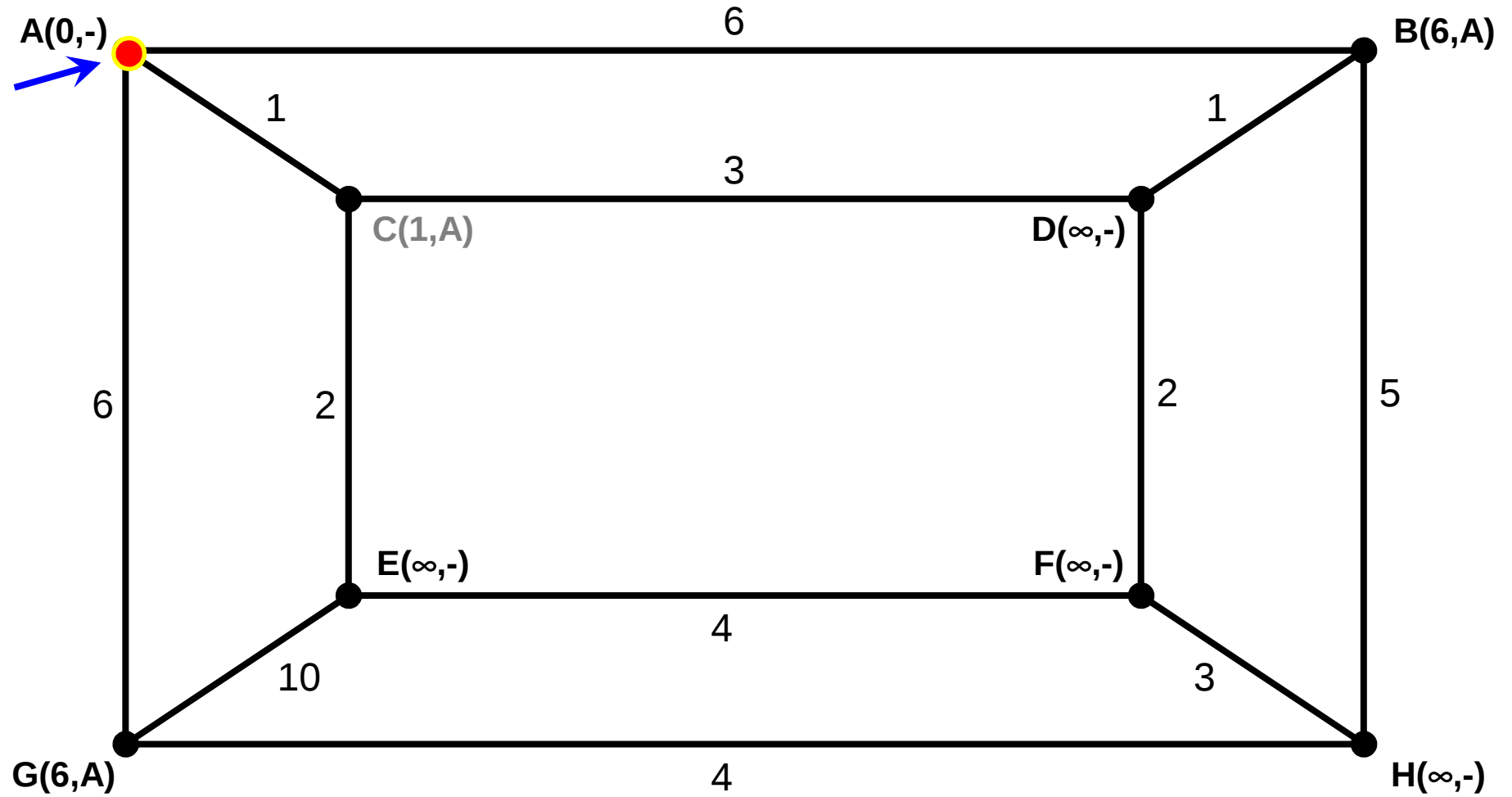
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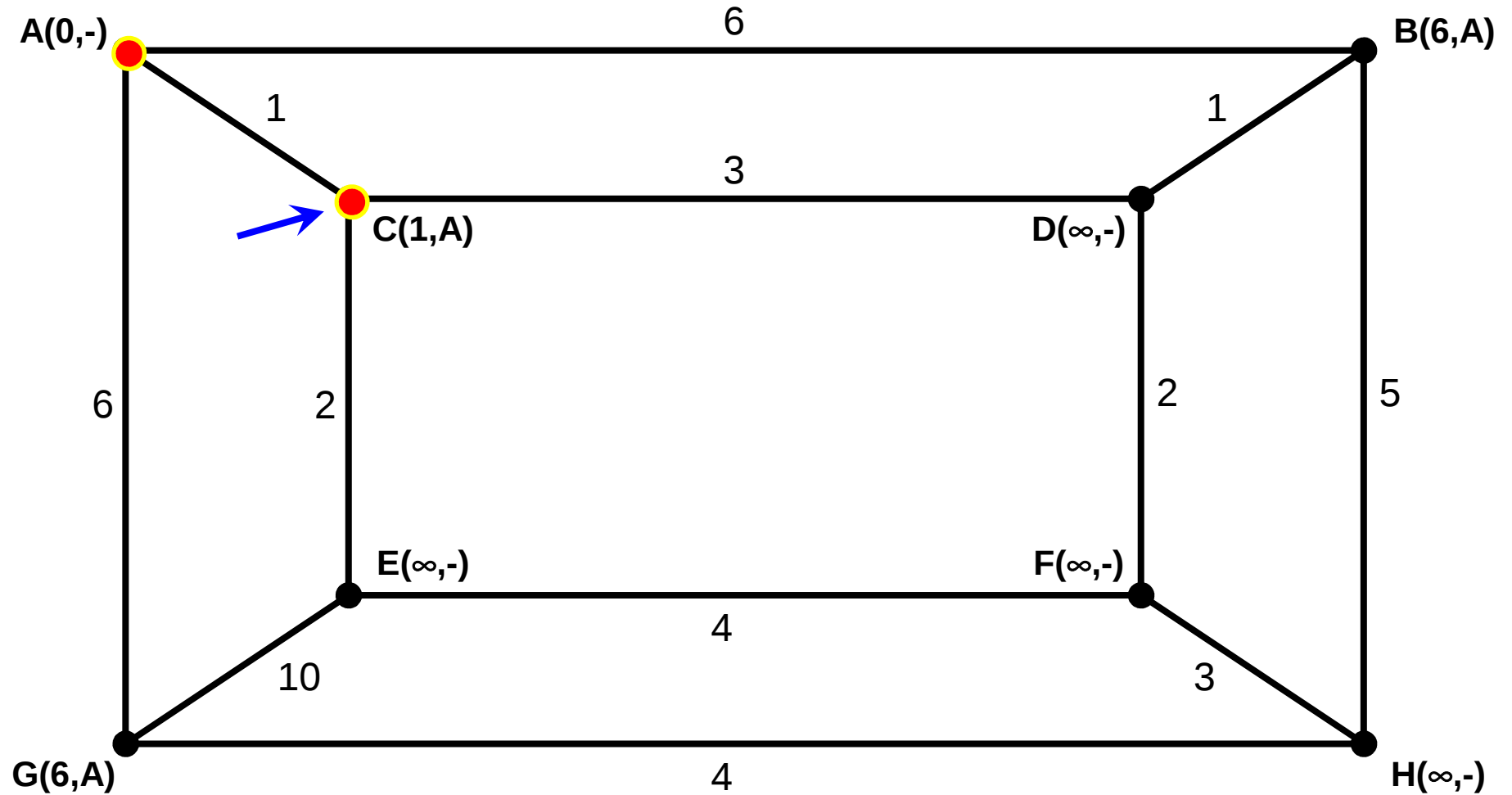
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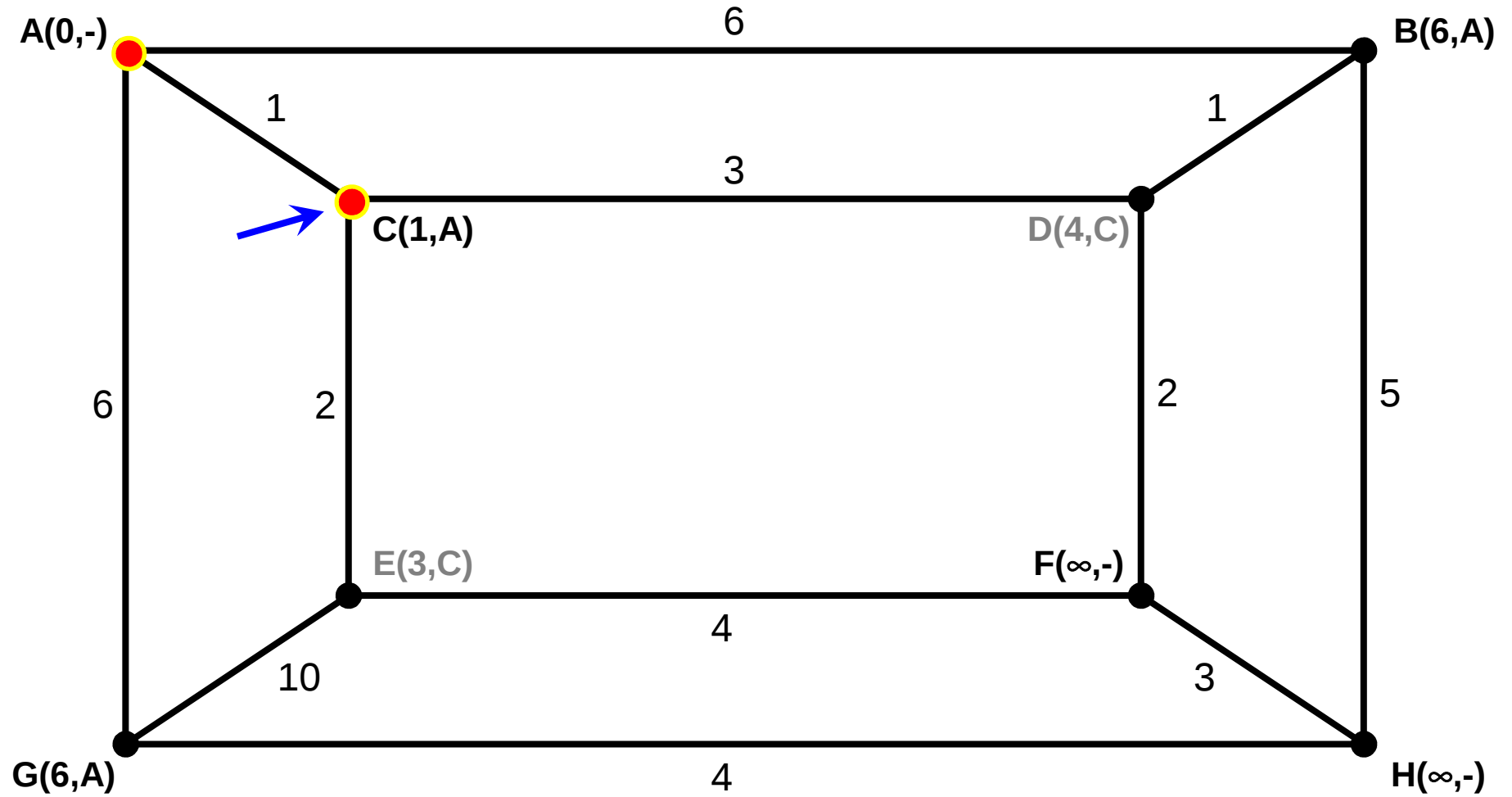
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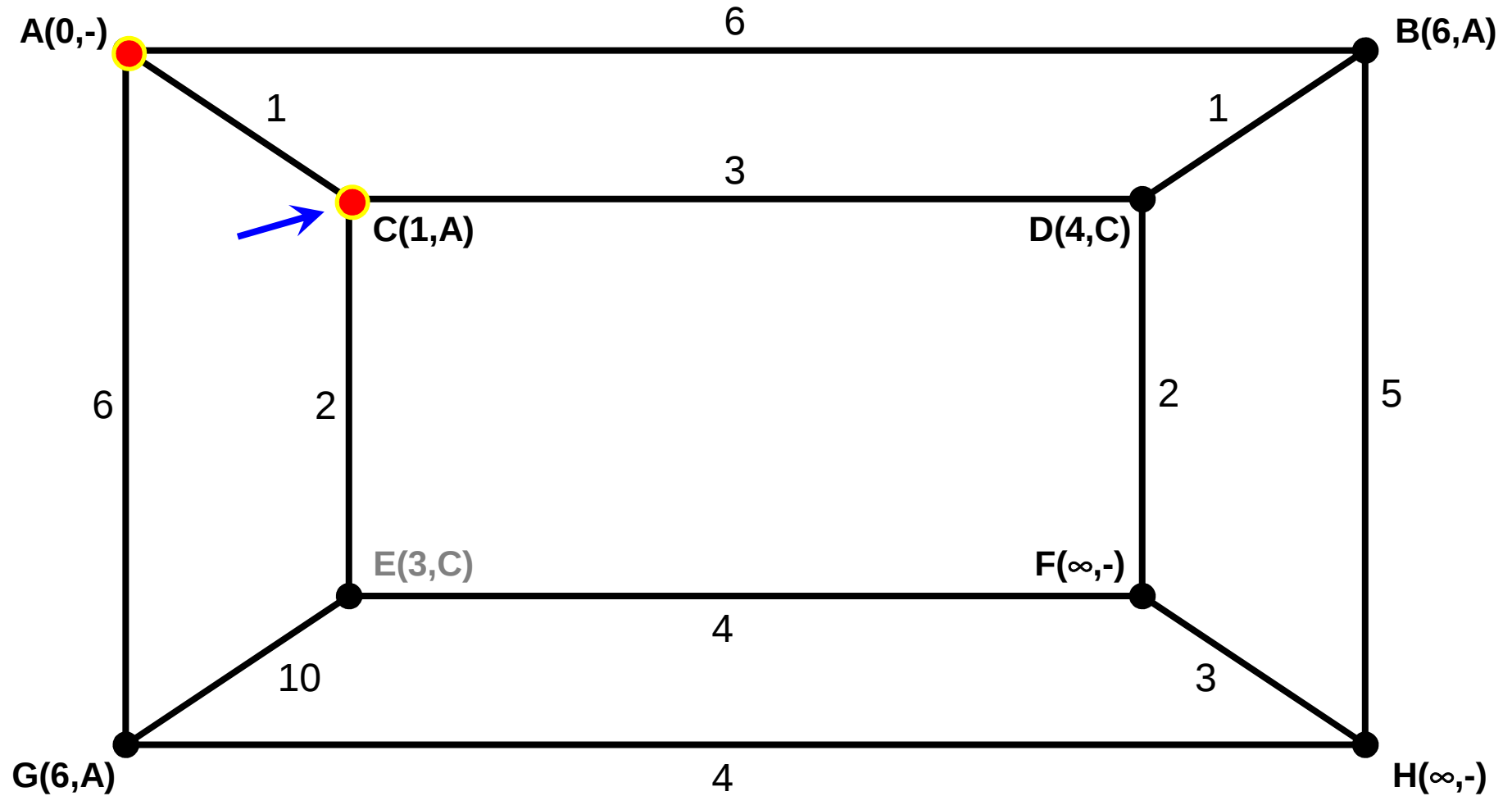
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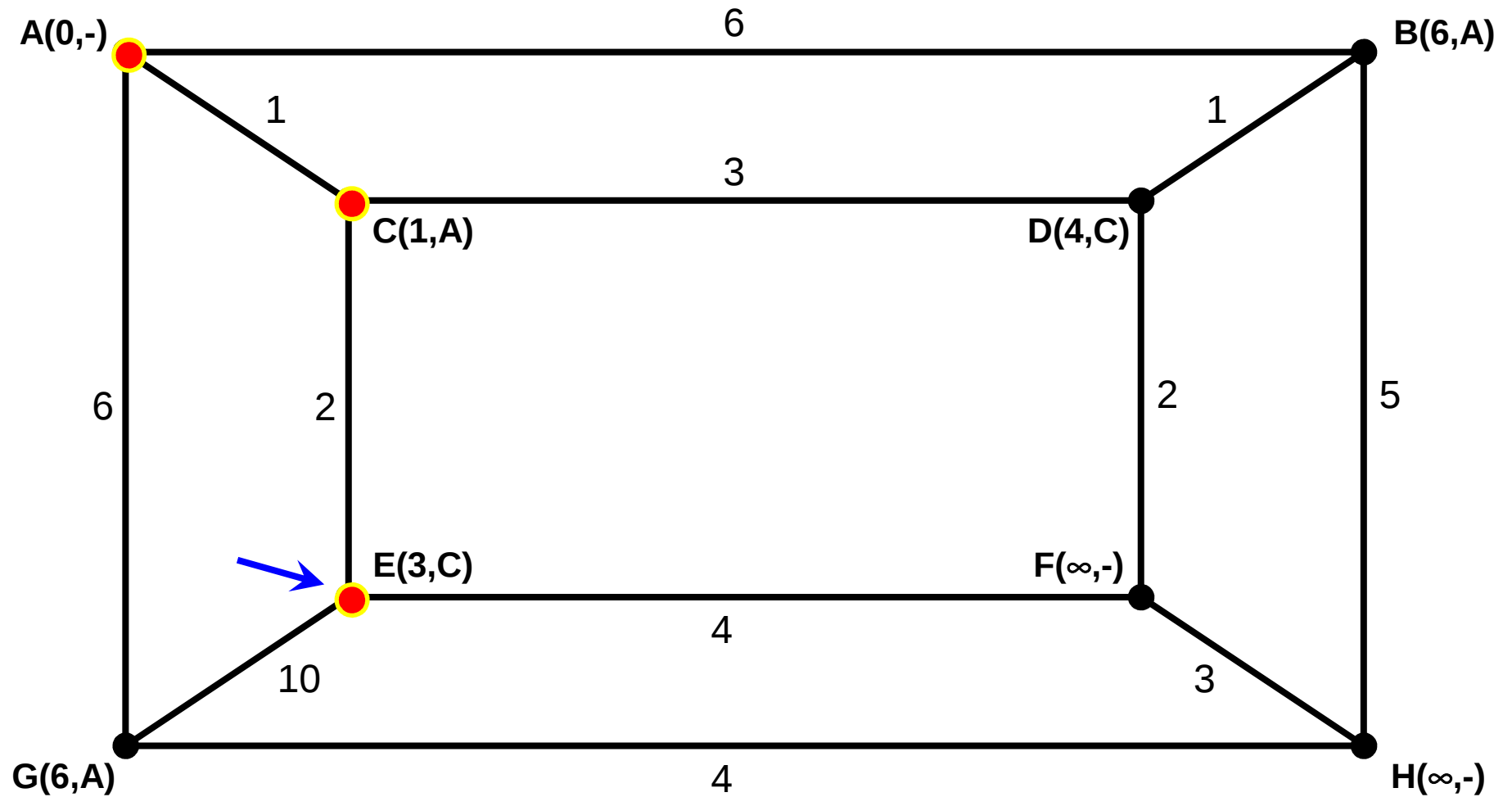
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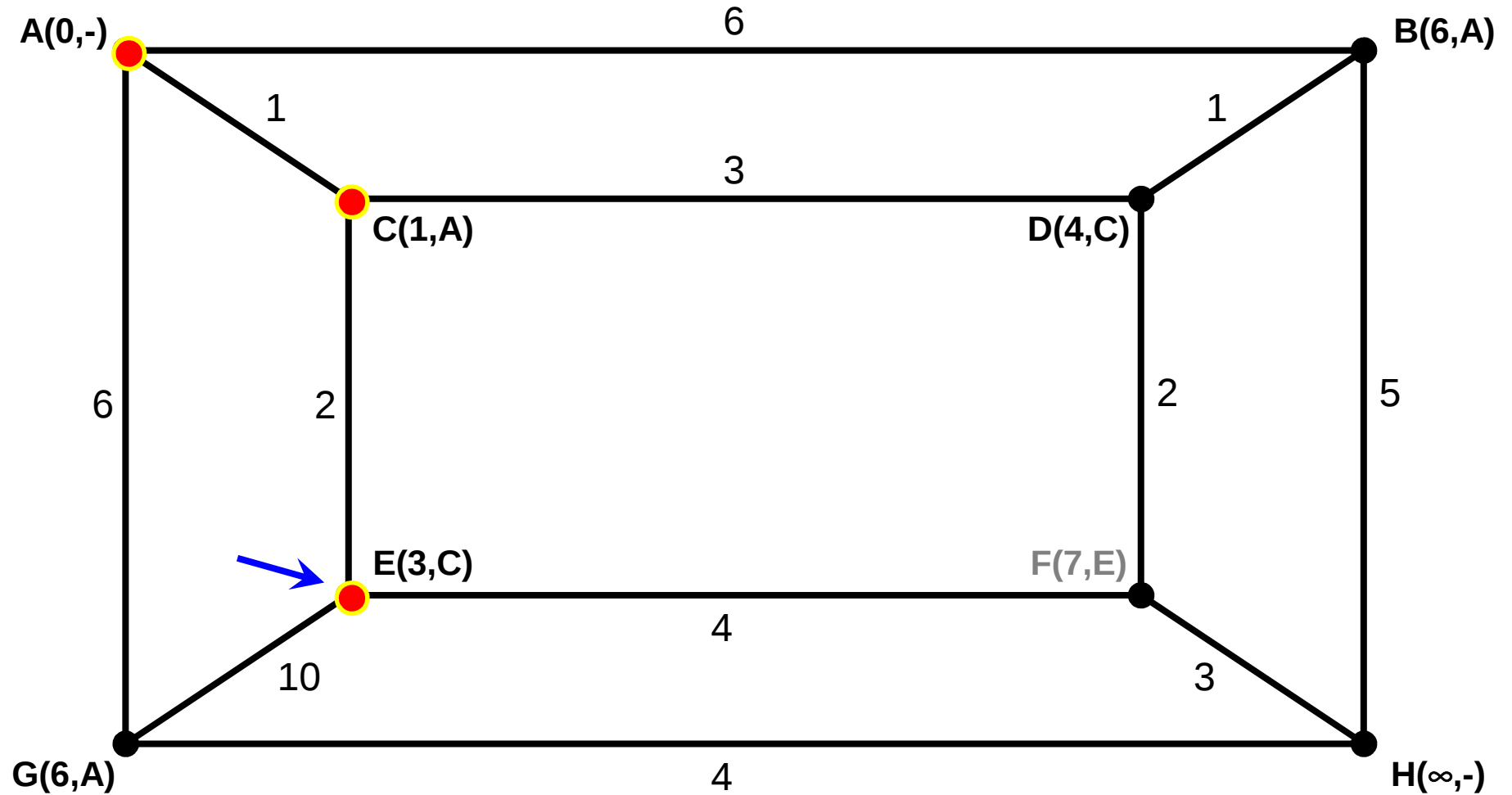
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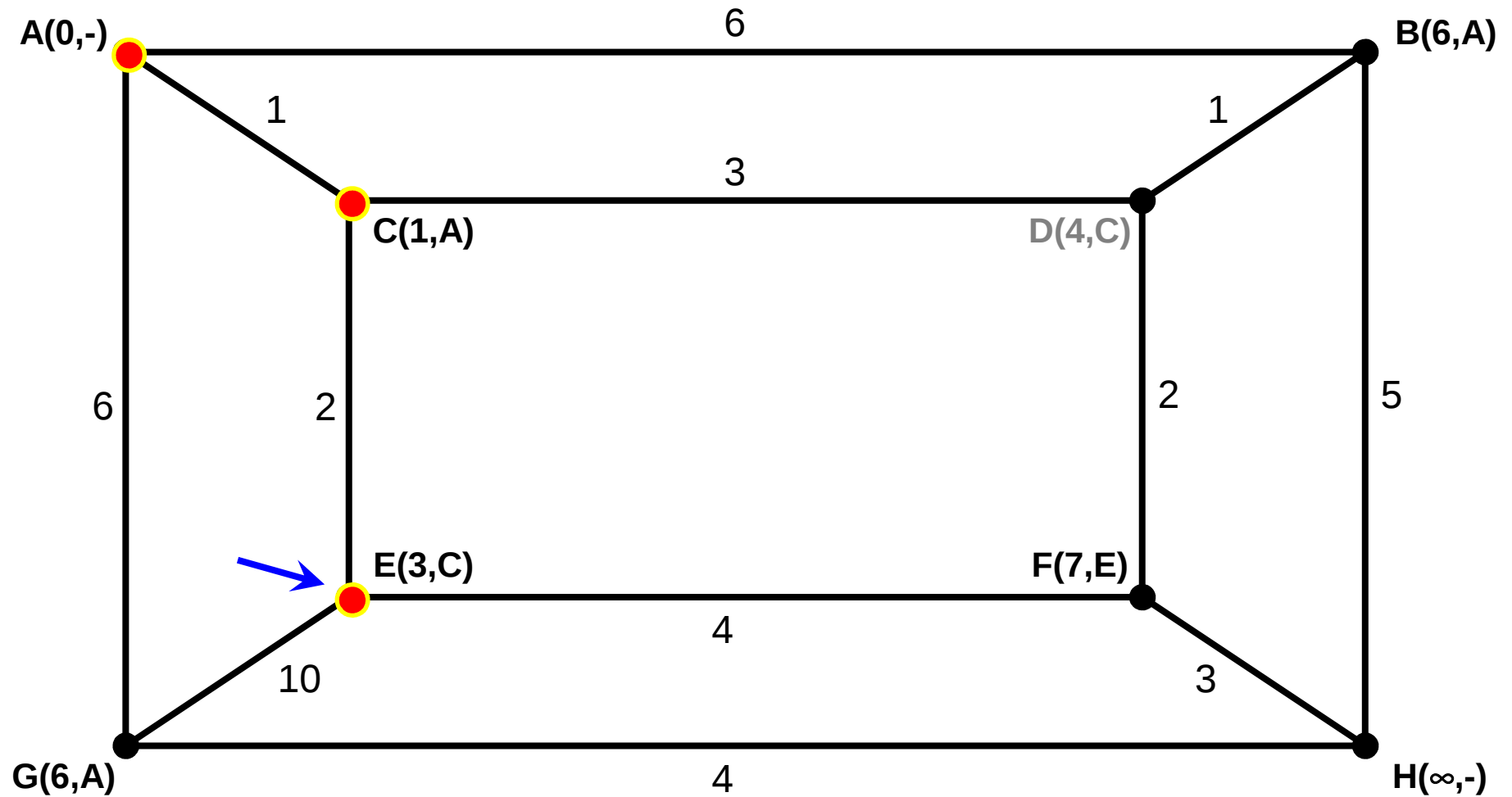
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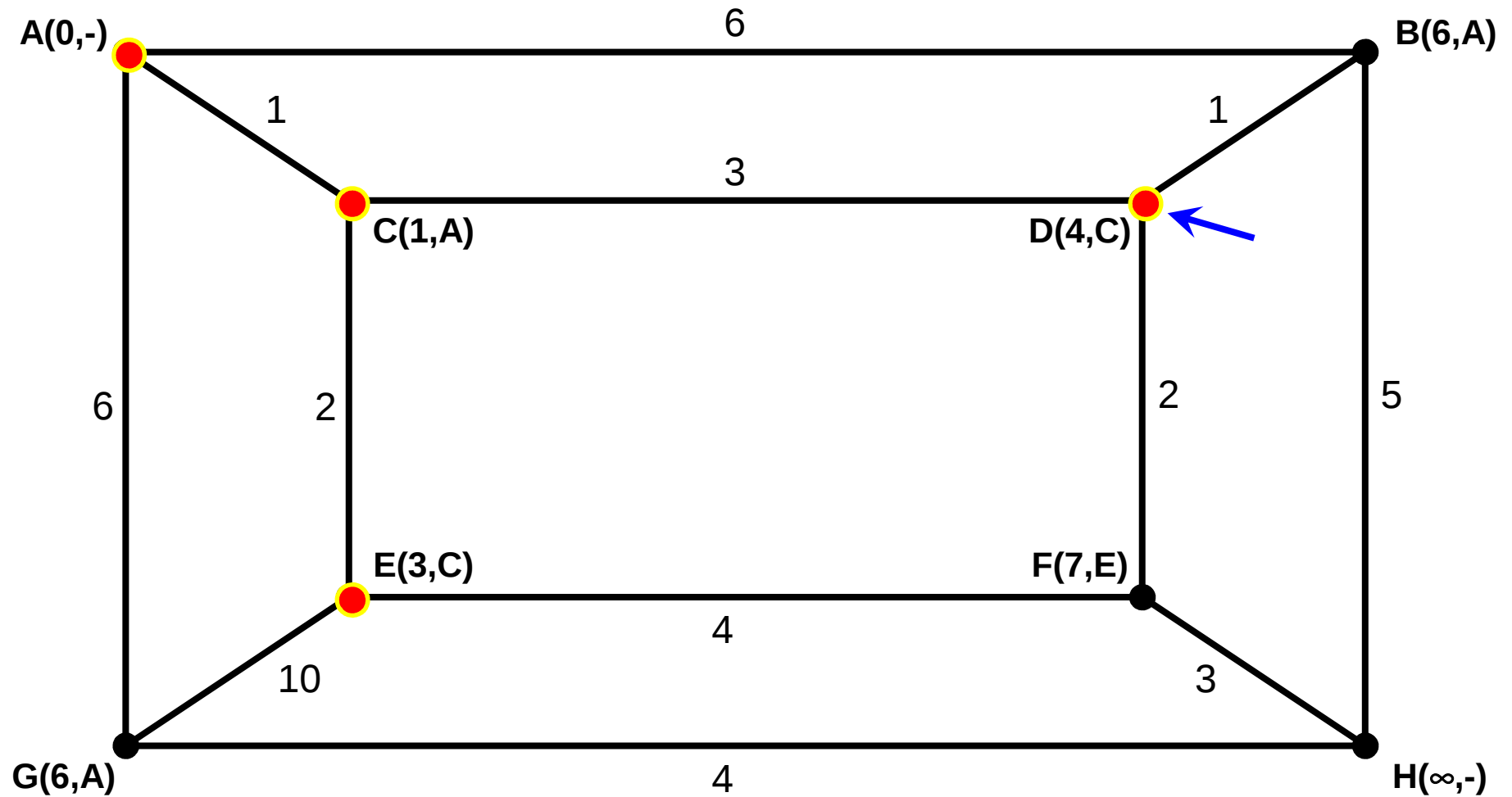
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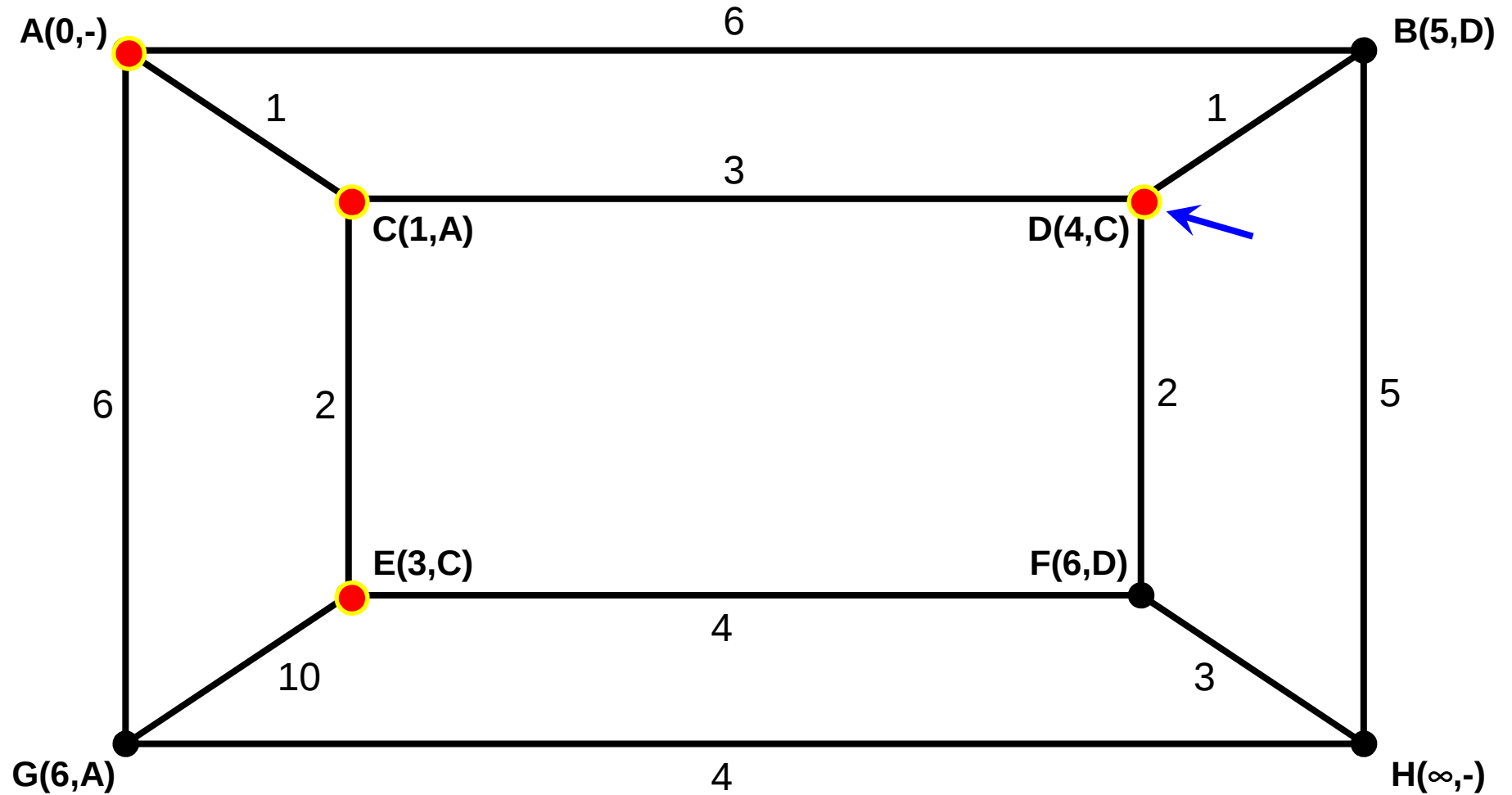
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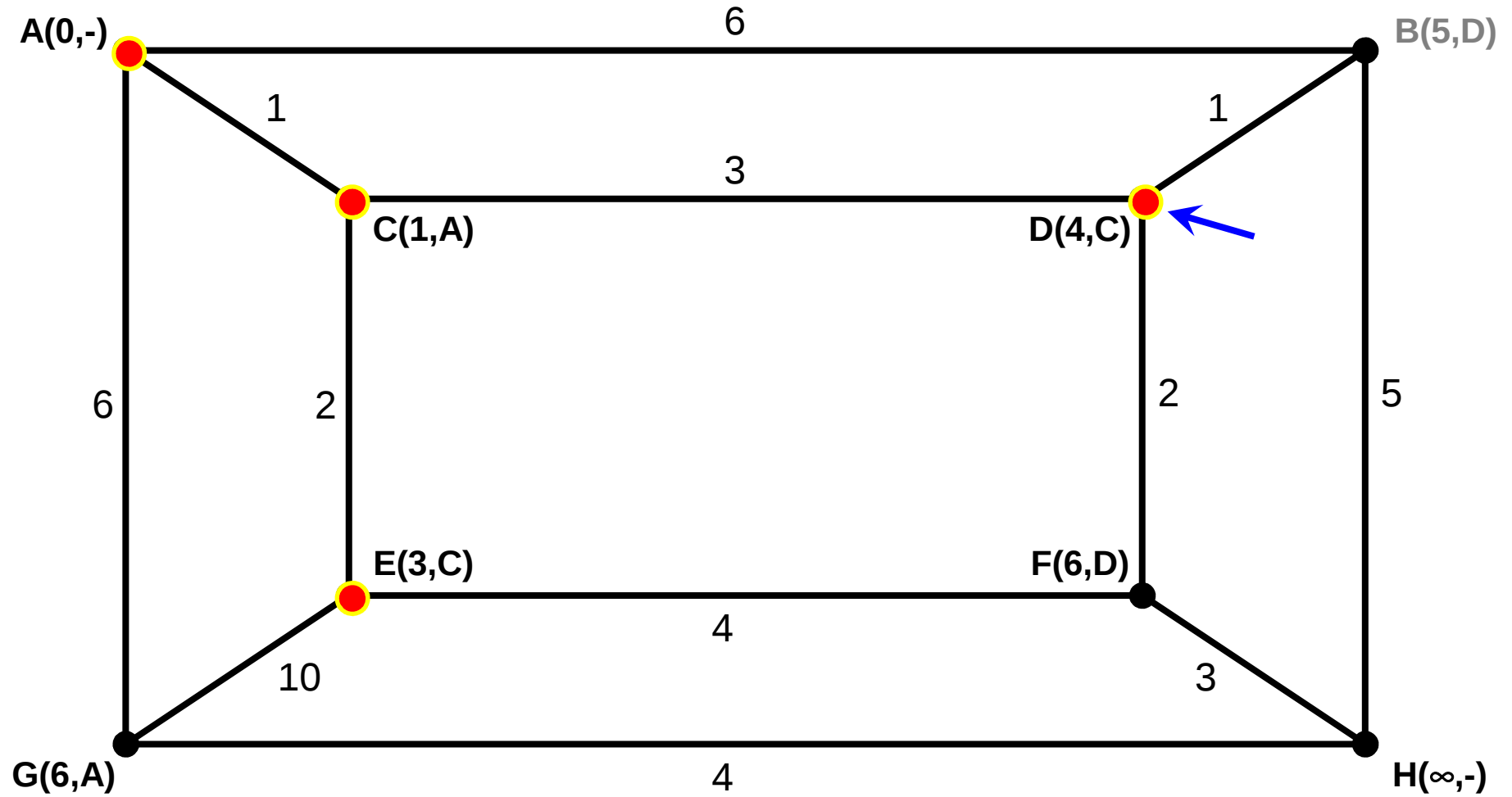
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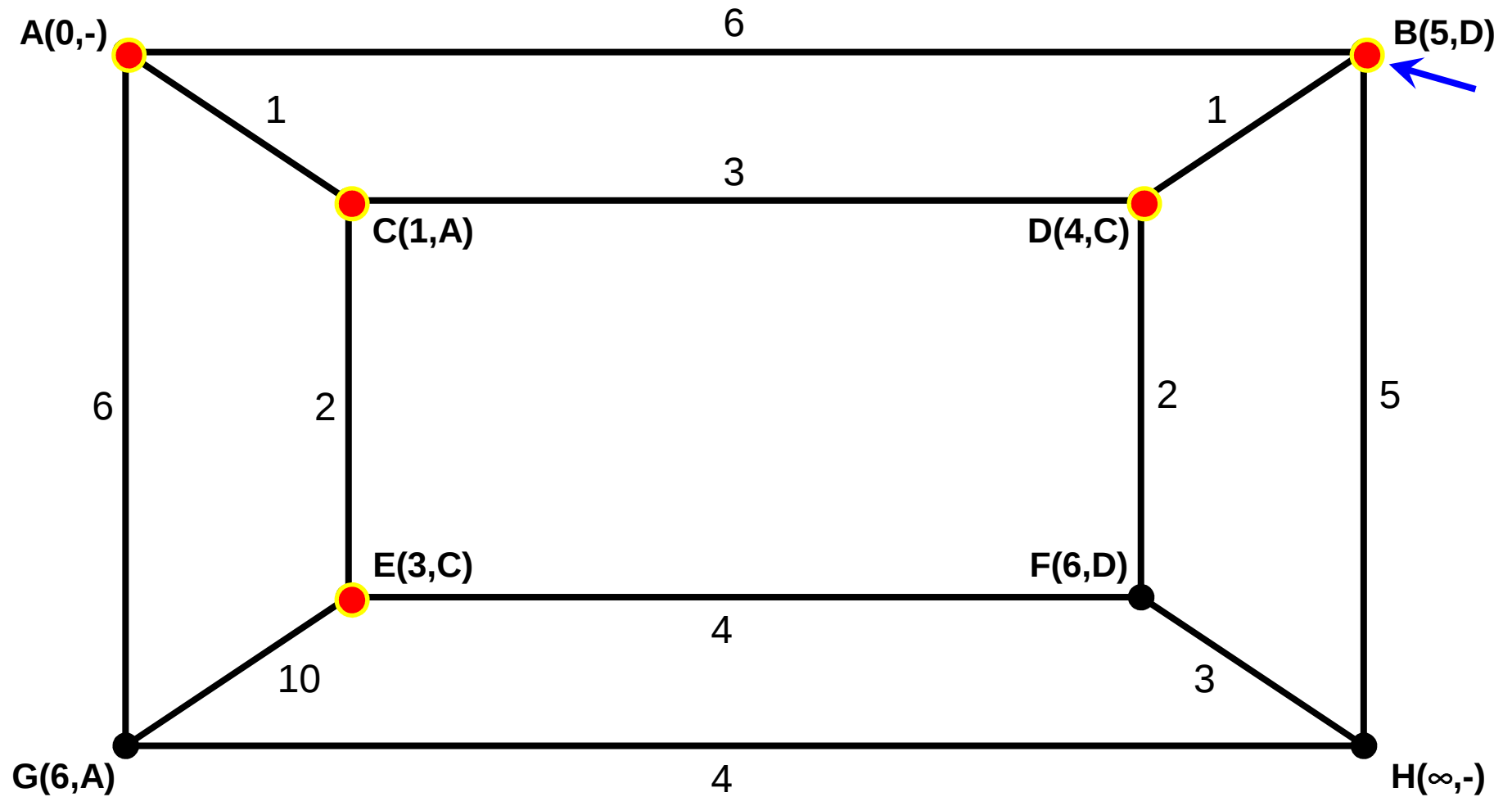
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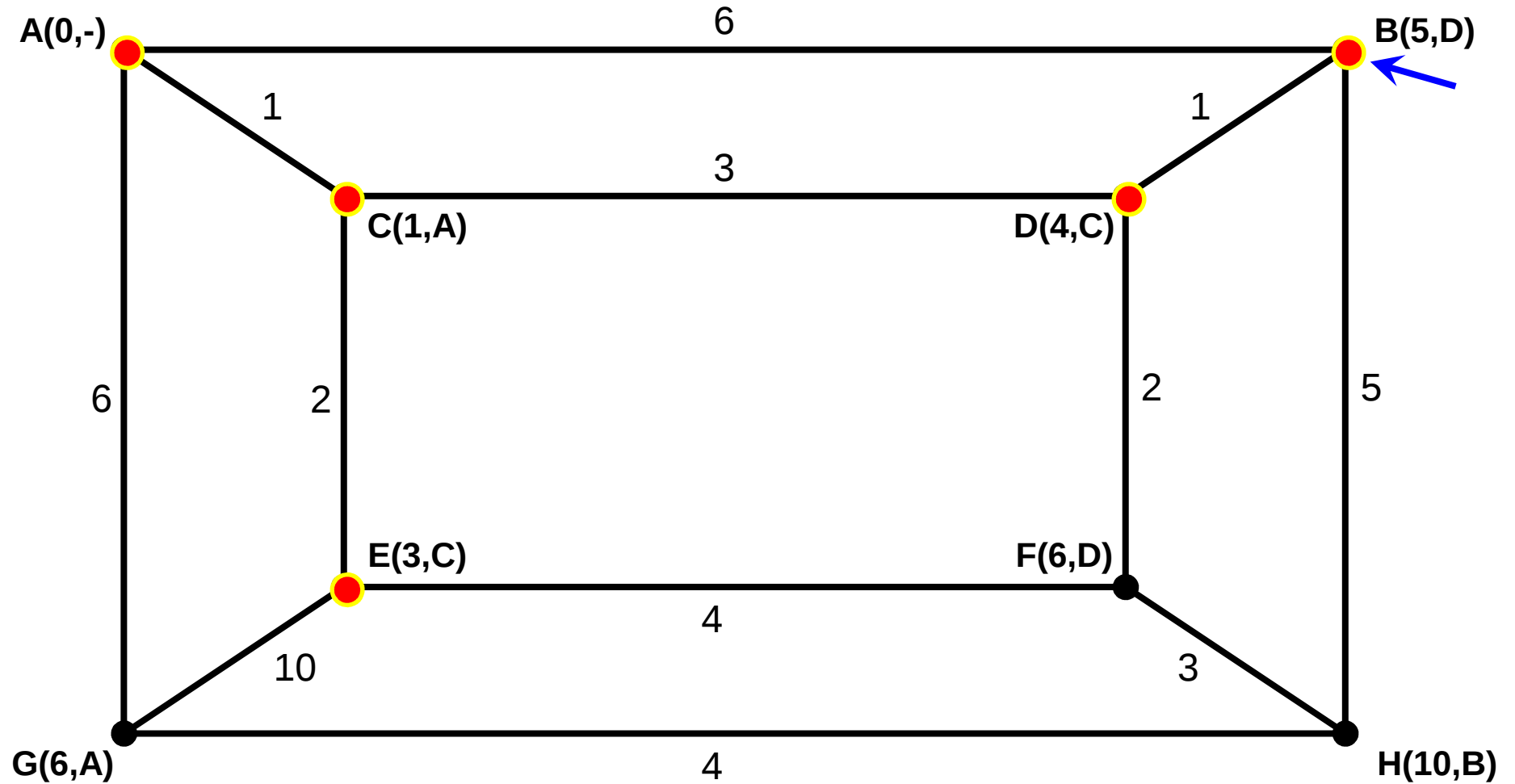
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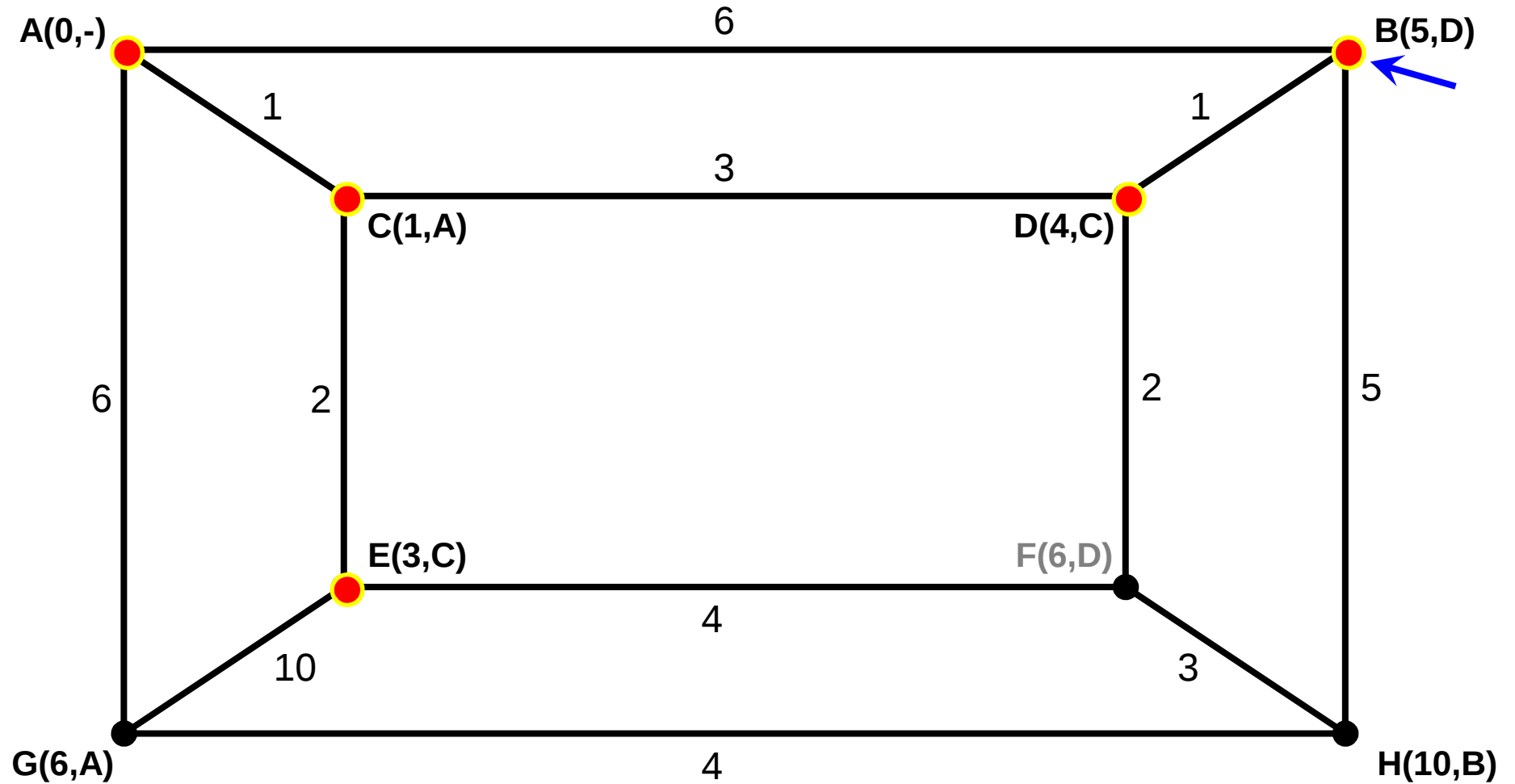
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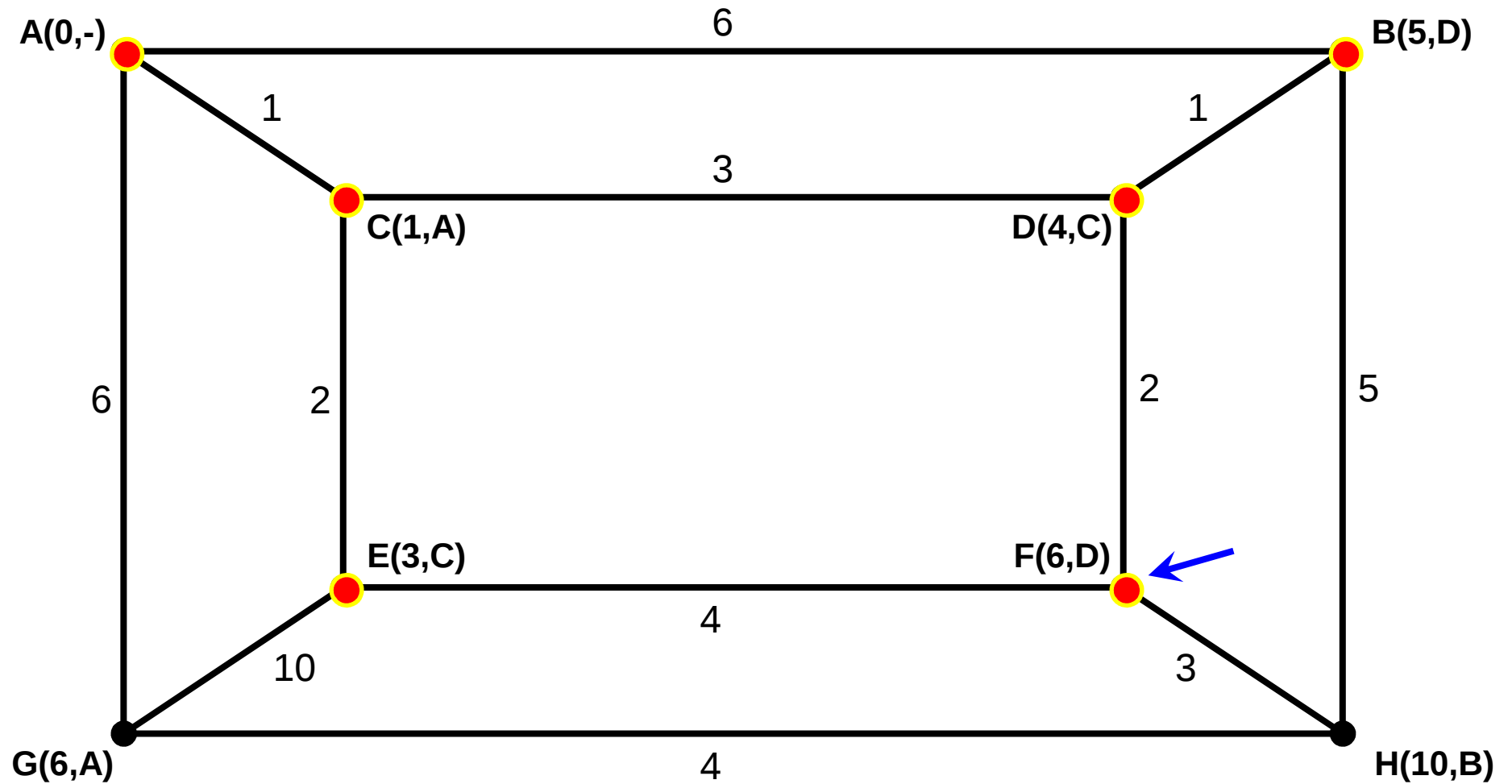
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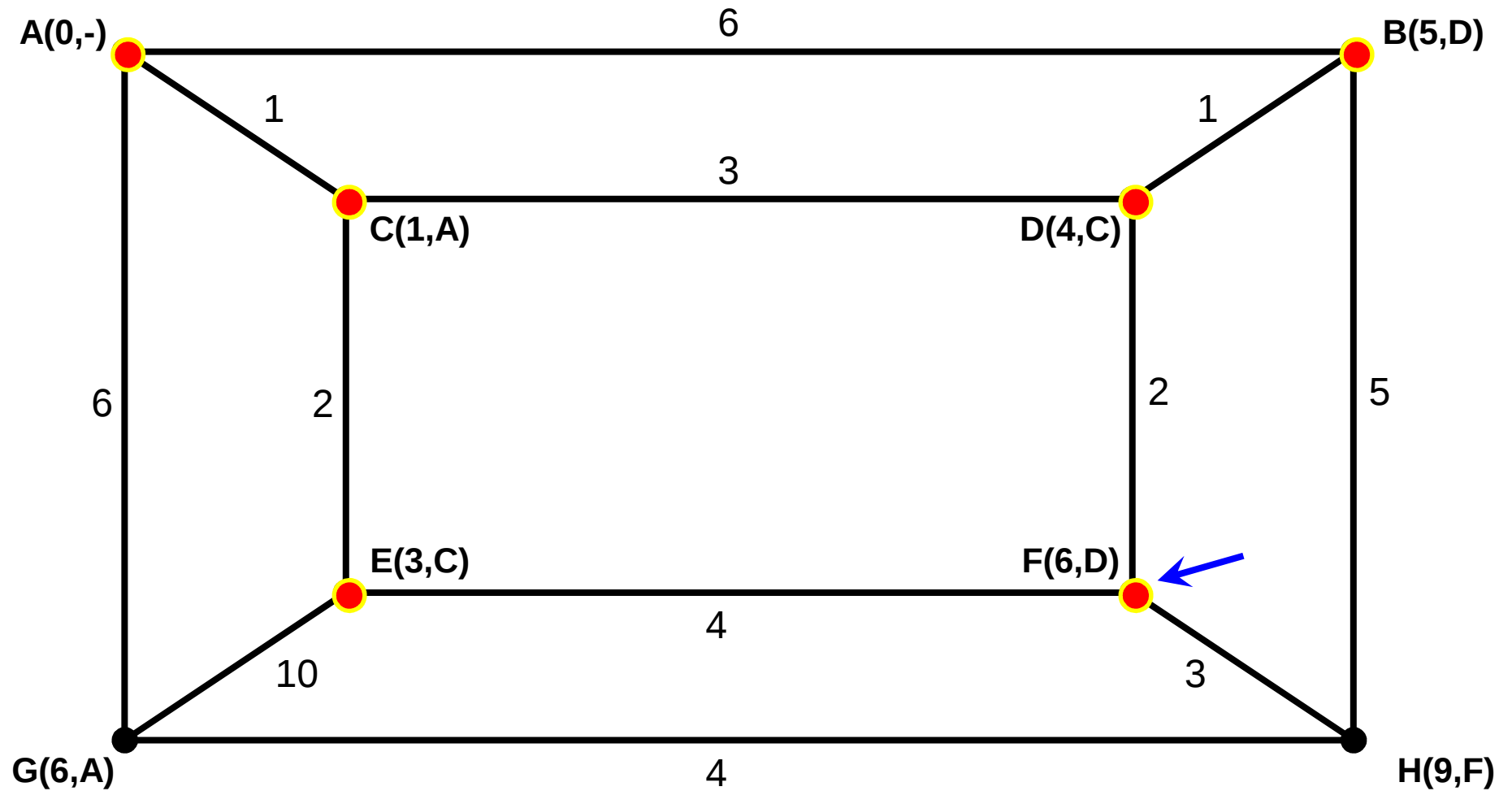
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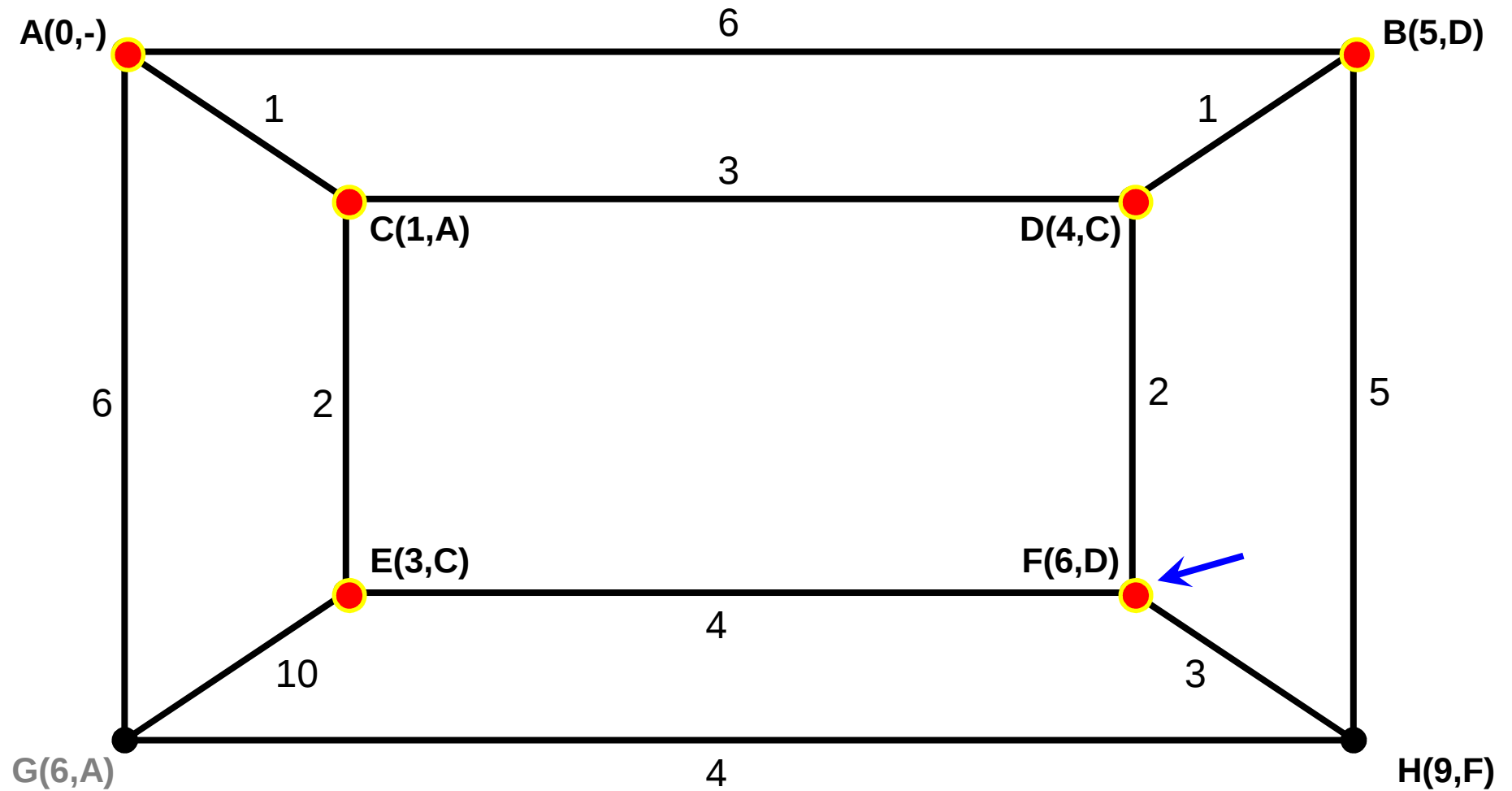
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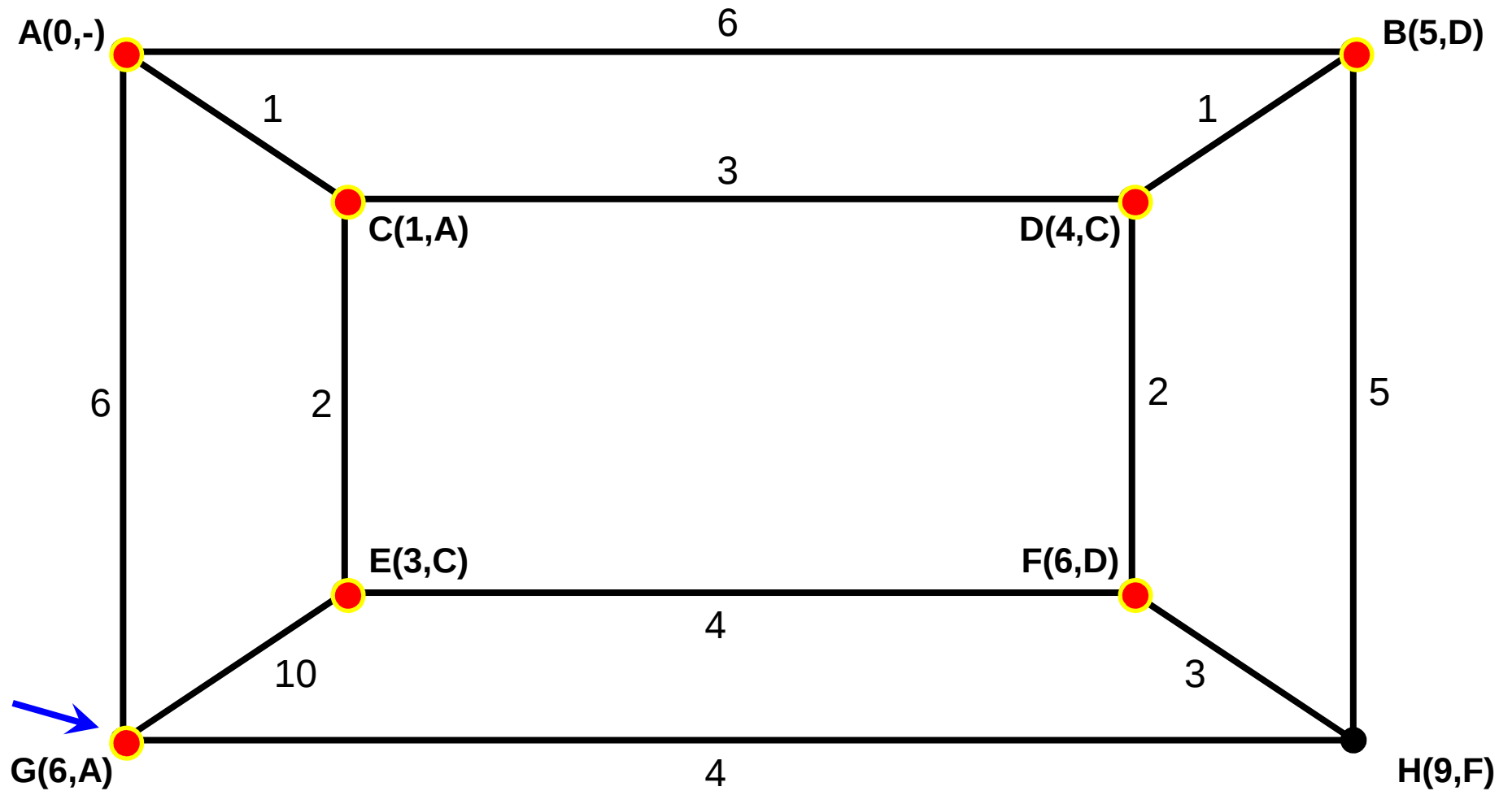
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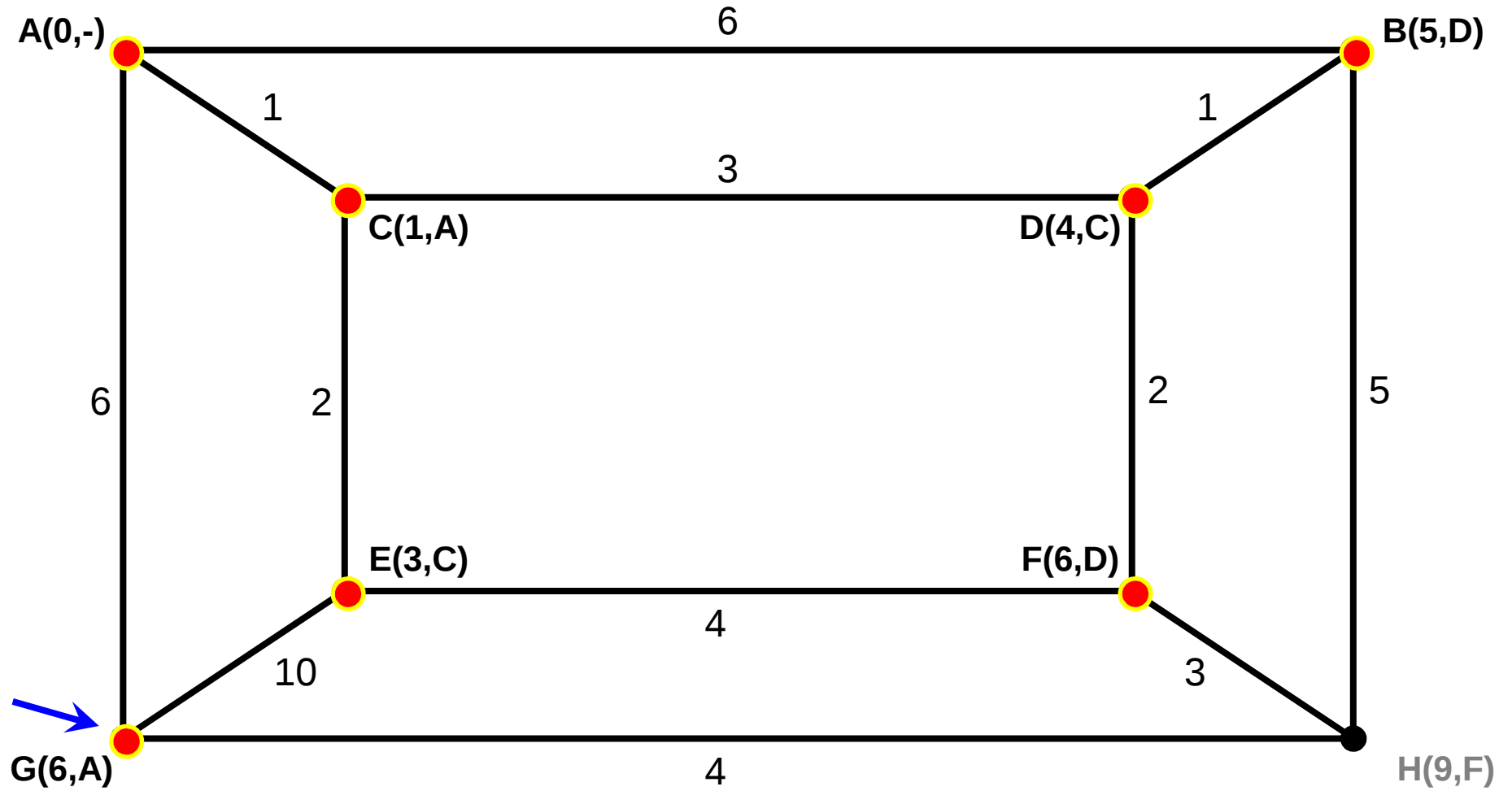
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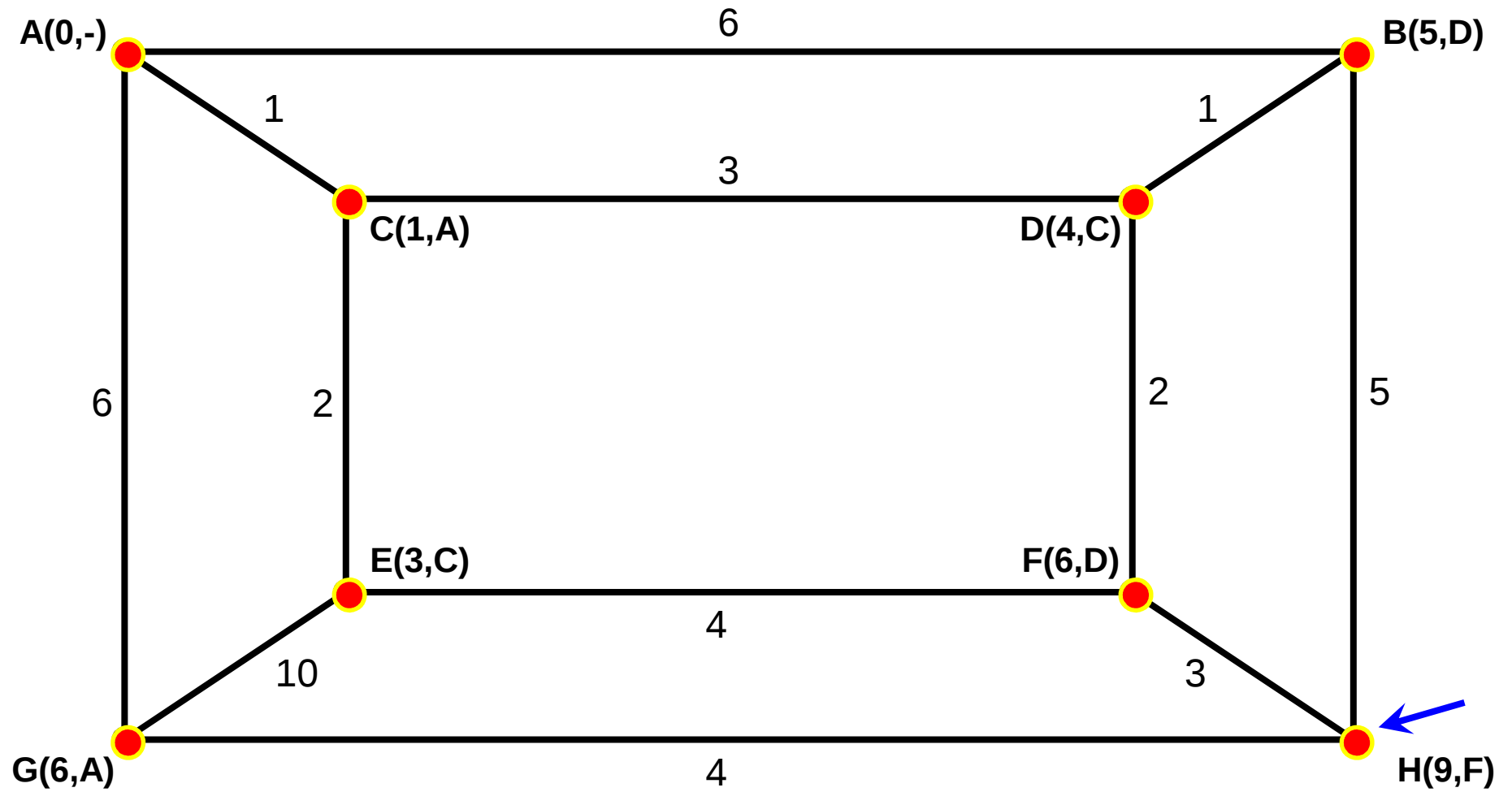
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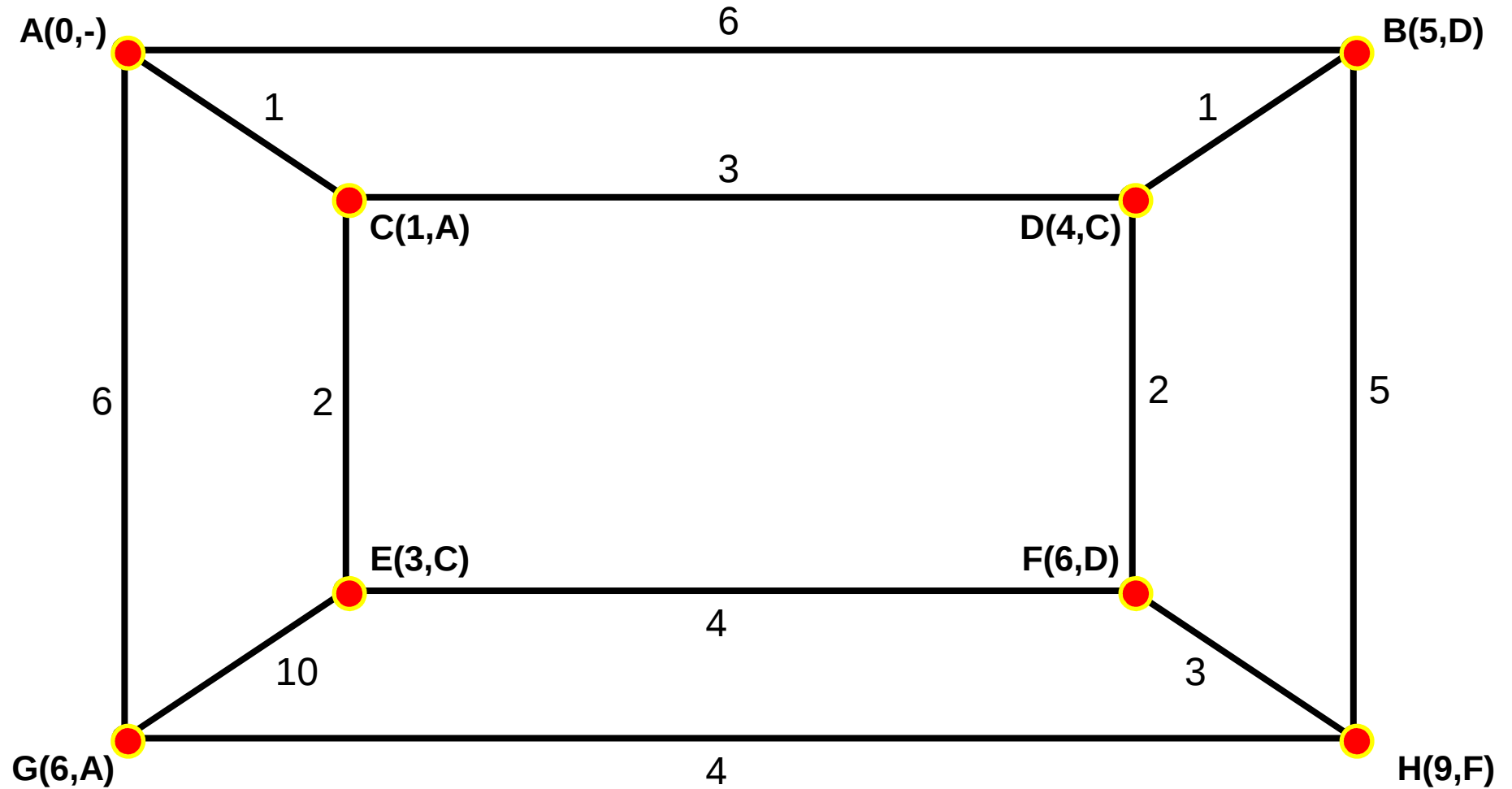
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