

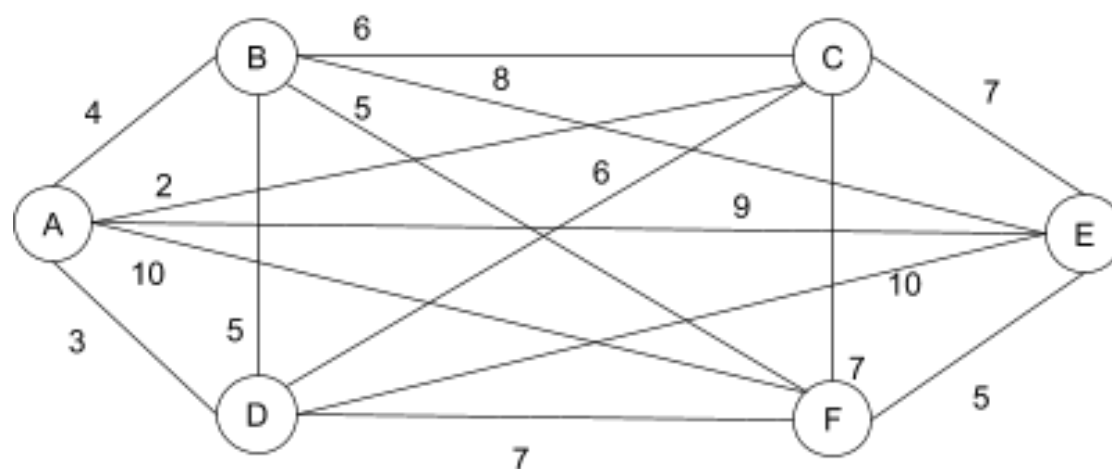
Algorithms → Graphs → [Prim's algorithm](#)

Prim's algorithm → MST with the specified root

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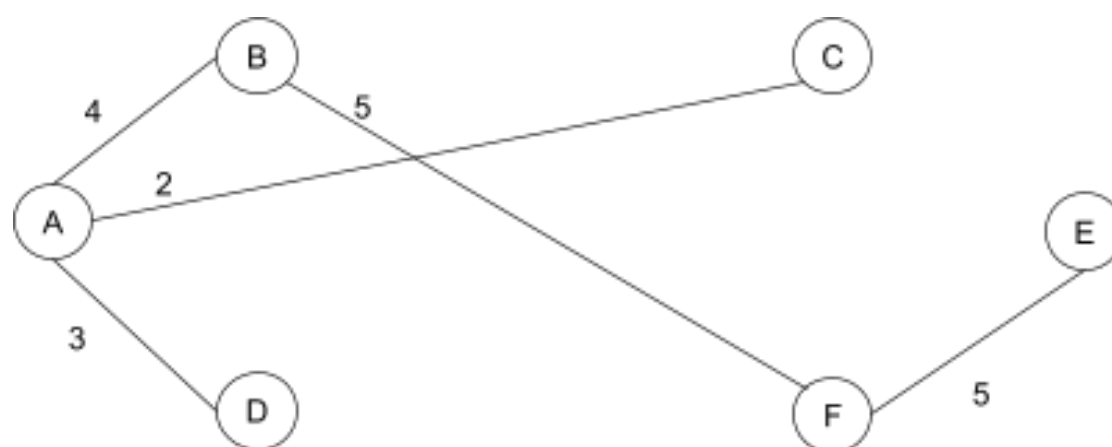
Easy 1 minute

Given below is an undirected weighted graph:

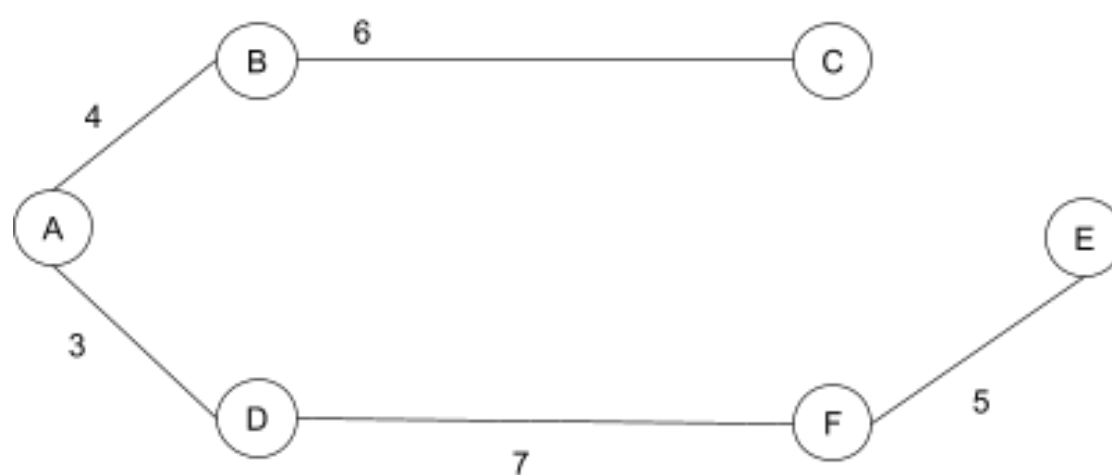


Using Prim's algorithm, find a minimum spanning tree starting with the node *B*. Which of the following trees corresponds to the MST?

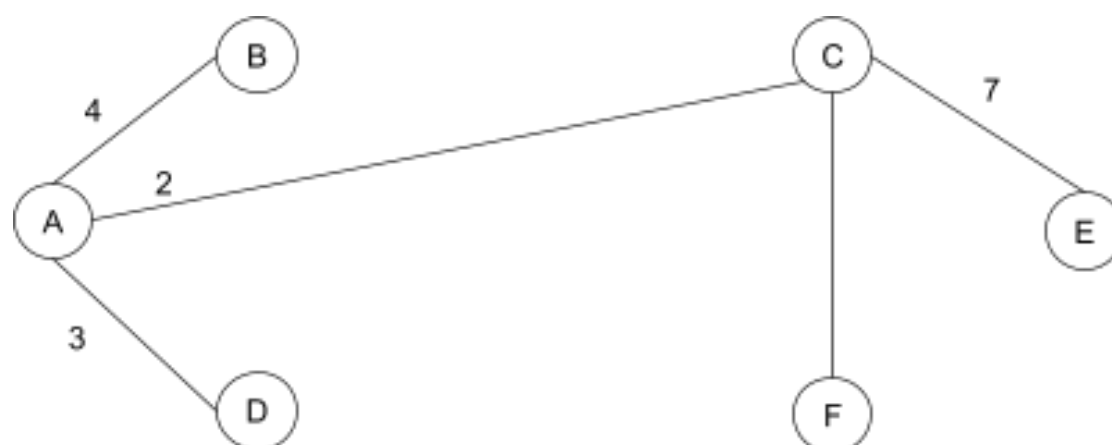
a:



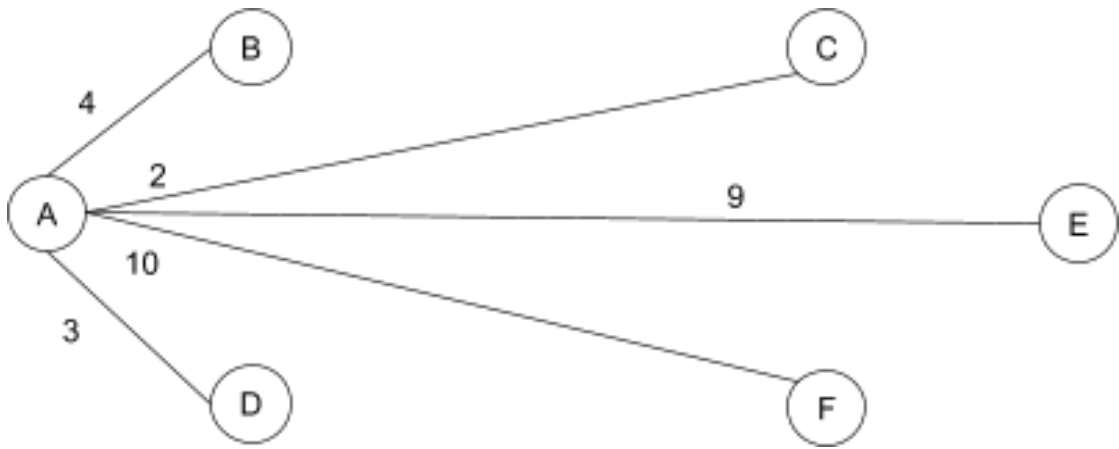
b:



c:



d:



Report a typo

⌵ Select one option from the list

- ☐ a
- ☐ b
- ☐ c
- ☐ d

✓ Correct.

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