Prim's algorithm → Telephone network between cities

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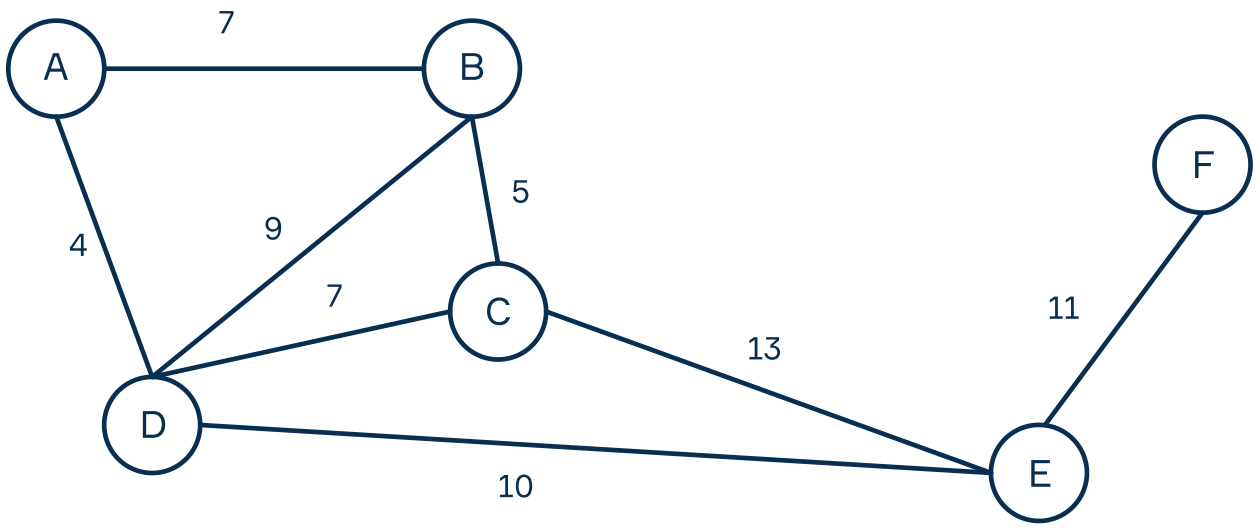
Easy 1 minute

Given below is an undirected weighted graph with nodes representing cities and edges corresponding to telephone links between two cities:



Your task is to find a set of edges of the minimum cost that connect all the cities to one telephone network. Use Prim's algorithm to build such a network. Start with the node *A*. Choose one of the options below that corresponds to the weight of the found network.

Report a typo

Select one option from the list

- 52
- 37
- 40
- 43

✓ Correct.

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