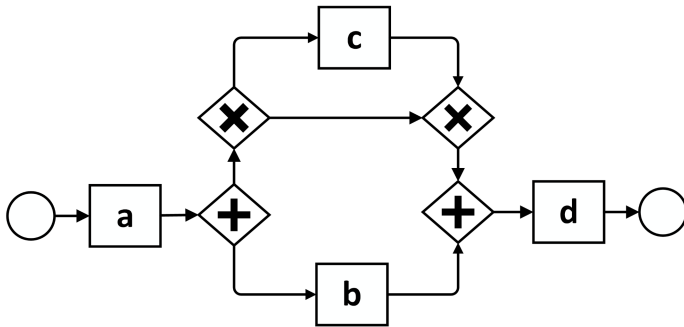


Recap 2.2.1: Discover Sophisticated Process Models

1. Consider the following BPMN model, and select the Petri net that has the same behavior.

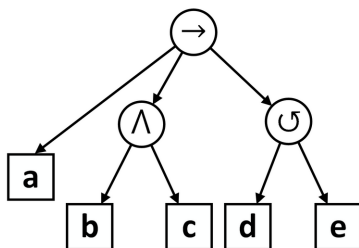


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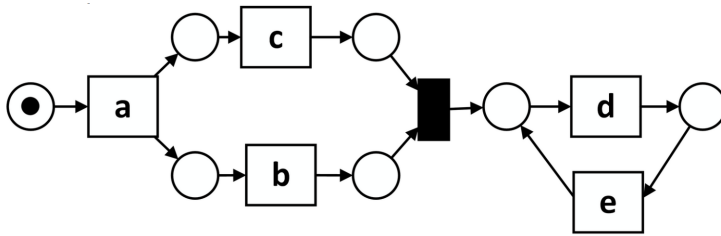
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2. Consider the following process tree. Which of the following statements are correct?.

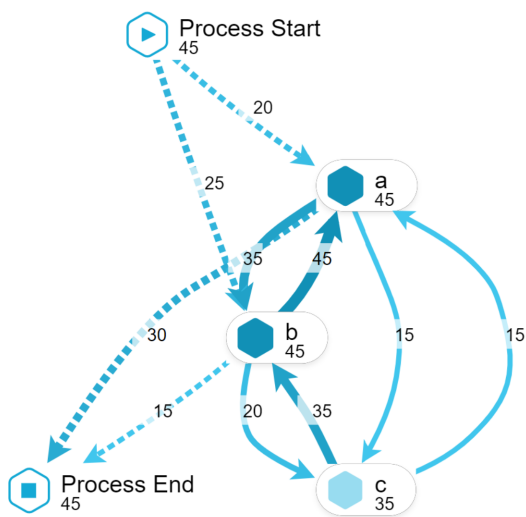
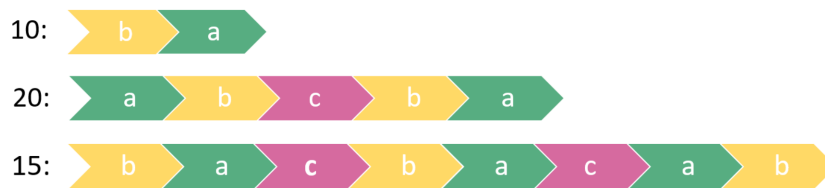


- ☐ The trace $\langle a, b, c, d, e \rangle$ is allowed by this model.

- ☒ Activities b and c can occur in any order.
- ☒ Activity d can occur several times in one trace.
- ☐ A complete trace always starts with activity a and ends with activity e .
- ☒ The equivalent Petri net model is

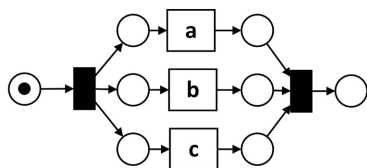


3. Consider the following event log and the corresponding directly-follows graph.

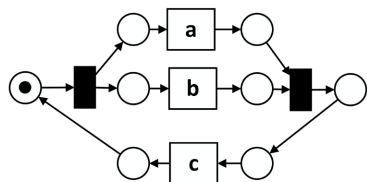


Which of the following models is discovered by the inductive miner algorithm?

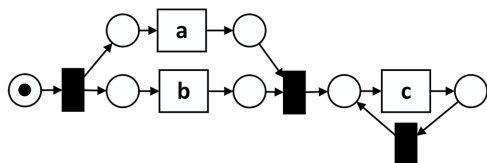
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