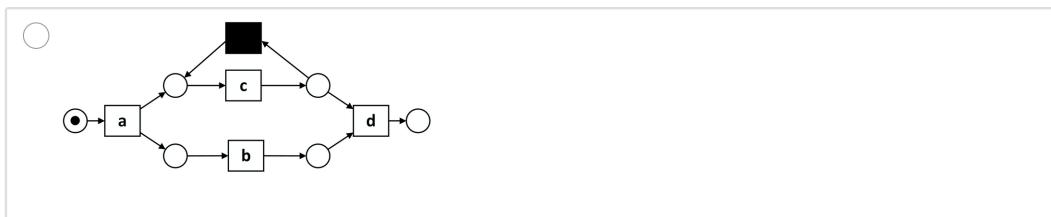
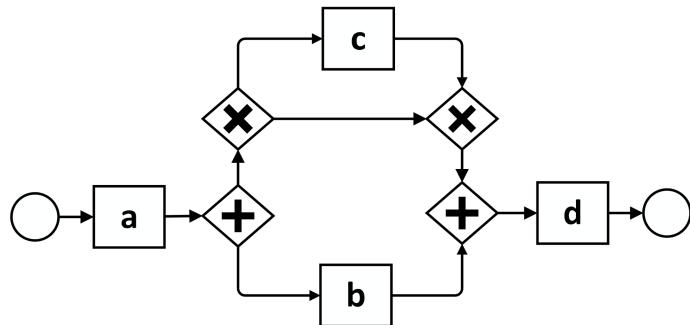
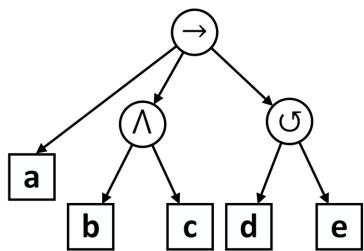


## Recap 2.2.1: Discover Sophisticated Process Models

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

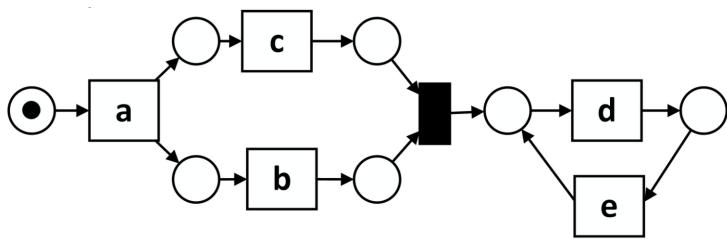


2. Consider the following process tree. Which of the following statements are correct?.

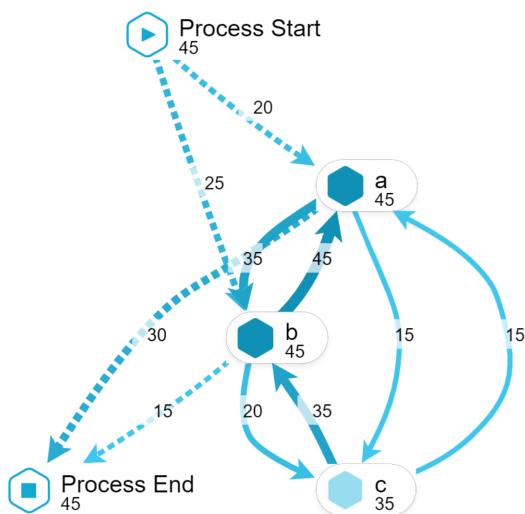
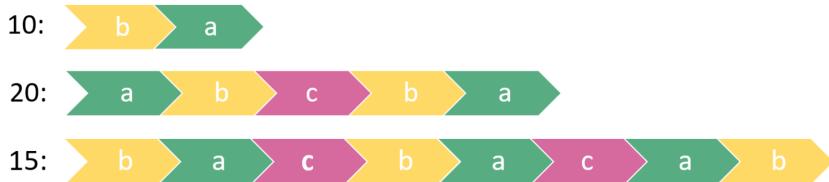


- The trace  $\langle a, b, c, d, e \rangle$  is allowed by this model.

- 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

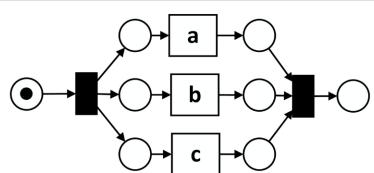


3. Consider the following event log and the corresponding directly-follows graph.

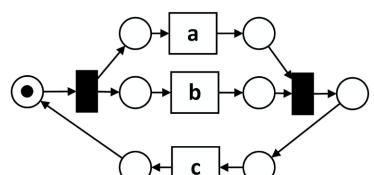


Which of the following models is discovered by the inductive miner algorithm?

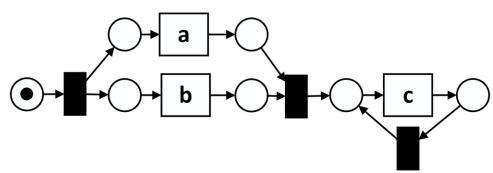
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