Consider the Synod algorithm with 5 acceptors. The proposers want to pass a decree on what flavor ice cream will be served at the Paxos New Year's party.

Suppose proposer p’s value is `chunky monkey’, and its proposal number is 6. It sends prepare(6) and receives a set S of 3 promise messages, of the form (accNum, accVal).

Can S = { (5, chocolate), (5, vanilla)), (6, rocky road) } ?
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Suppose proposer p’s value is `chunky monkey’, and its proposal number is 6. It sends prepare(6) and receives a set S of 3 promise messages, of the form (accNum, accVal).

Can S = { (3, chocolate), (4, vanilla)), (⊥, ⊥) } ?
• Consider the Synod algorithm with 5 acceptors. The proposers want to pass a decree on what flavor ice cream will be served at the Paxos New Year's party.

• Suppose proposer p’s value is “chunky monkey”, and its proposal number is 6. It sends prepare(6) and receives a set S of 3 promise messages of the form (accNum, accVal).

• Can \( S = \{ (17, \text{pistachio}), (\bot, \bot), (\bot, \bot) \} \)?