Solving CSPs

Solving CSPs involves some combination of:

- 1. Constraint propagation, to eliminate values that could not be part of any solution
- 2. Search, to explore valid assignments





















































Backtracking with Forward Checking (BT-FC)	
When examining assignment V _i =d _k , remove any values inconsistent with that assignment from neighboring domains in constraint graph.	
V ₁ assignments G	
V ₂ assignments	
V ₃ assignments	
When backing up, need to restore domain values, since deletions were done to reach consistency with tentative assignments considered during search. V_2	

Backtracking	with Forward Checking (BT-FC)	
When examining assignment V _i =d _k , remove any values inconsistent with that assignment from neighboring domains in constraint graph.		
V ₁ assignments	G	
V ₂ assignments		
V ₃ assignments		



















