hw2_csps_q2_csp_properties
Question 2: CSP Properties

5.0/5.0 points (graded)
Select all of the following statements about CSPs that are true.

☑ Even when using arc consistency, backtracking might be needed to solve a CSP.

☑ Even when using forward checking, backtracking might be needed to solve a CSP.

☐ None of the above

✔

| Submit | You have used 1 of 2 attempts |

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problem

5.0/5.0 points (graded)
Select all of the following statements about CSPs that are true.

☐ When using backtracking search with the same rules to select unassigned variables and to order value assignments (in our case, usually Minimum Remaining Values and Least-Constraining Value, with alphabetical tiebreaking), arc consistency will always give the same solution as forward checking, if the CSP has a solution.

☑ For a CSP with binary constraints that has no solution, some initial values may still pass arc consistency before any variable is assigned.

☐ None of the above

✔

Submit   You have used 1 of 2 attempts