

Exercise – From CSP To SAT

- Formulate the following CSP as a SAT Problem:

Variables: $\{x, y\}$

Domains: $D_x = D_y = \{1, 2, 3\}$

There is only one constraint: $x \leq y$

(Hint: You should make one label into one Boolean variable; ensure that exactly one value could be used for x , and one for y .)