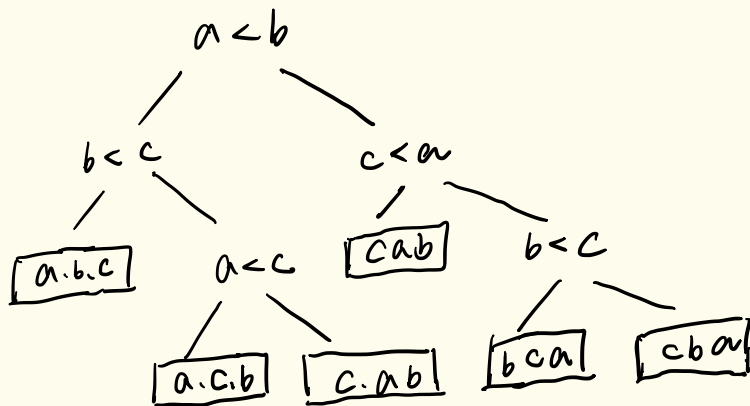


a, b, c



height = h.

Max(leaves) = 2^h .

Ordering = $N!$

$\Rightarrow 2^h > \text{leaves} > N!$

$\Rightarrow h > \log(N!)$

$\sim N \log N$.