Ordered Binary Resolution

$$\frac{C \vee A \quad D \vee \neg B}{(C \vee D)\sigma}$$

where

- no common variables,
- $\sigma = mgu(A, B)$,
- $A\sigma$ is strictly maximal with respect to $C\sigma$,
- there are no selected literals in $C\sigma$,
- $\neg B$ is selected in the right premise, or there is nothing selected there and $\neg B\sigma$ is maximal in $D\sigma$.

Ordered Positive Factoring

$$\frac{C \vee A \vee B}{(C \vee A)\sigma}$$

where

- $\sigma = mgu(A, B)$,
- $A\sigma$ is maximal with respect to $C\sigma$,
- nothing is selected in $C\sigma$.