

**cons\_before**<sup>11,40</sup>

$\forall T:\text{Type}, l:(T \text{ List}), a,x,y:T.$

$\text{l.before}(x; y; \text{cons}(a; l); T) \iff ((x = a) \wedge (y \in l)) \vee \text{l.before}(x; y; l; T)$