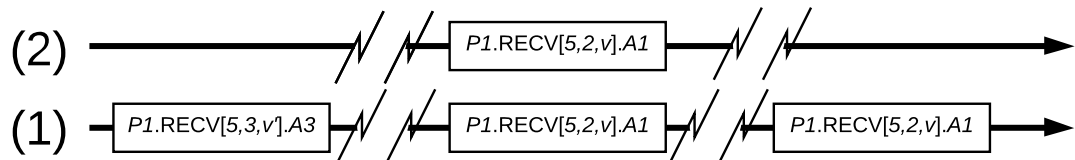


(a) Network Reduction for Broadcast



(b) Network Reduction for Busy-wait Receive