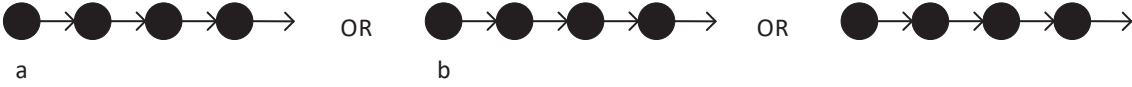


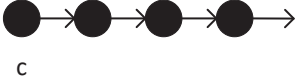
1. $\text{start} \rightarrow \neg a \vee \neg b$

At time = 0, either a or b or both a and b are FALSE.



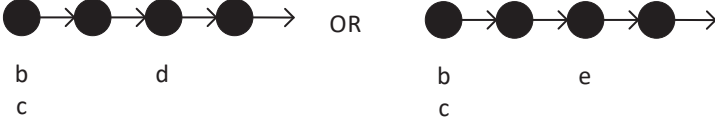
2. $\text{start} \rightarrow c$

At time = 0, c is TRUE.



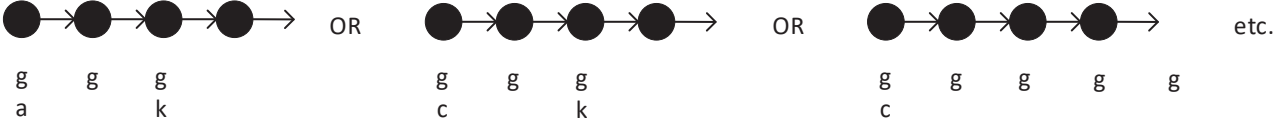
3. $b \wedge c \rightarrow O^2(d \oplus e)$

If at time T , b and c are TRUE, then at time $T+2$ either d or e is TRUE but not both.



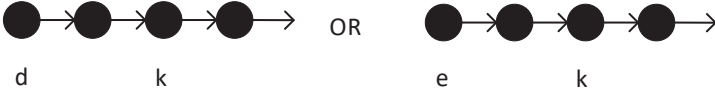
4. $a \vee c \rightarrow O(k R g)$

If at time T , a or c are TRUE, then g is TRUE at all times until and including the time where k is TRUE (at the earliest at $T+1$).



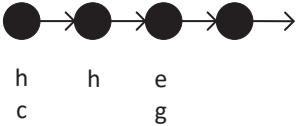
5. $(d \vee e) \rightarrow O^2 k$

If at time T , d or e are TRUE, then at time $T+2$ k is TRUE.



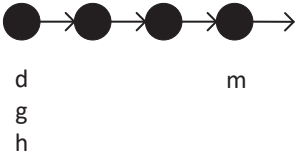
6. $c \rightarrow (h U (e \wedge g))$

If at time T , c is TRUE, then h must be TRUE for all times T before the time where e and g are TRUE (which is guaranteed to happen).



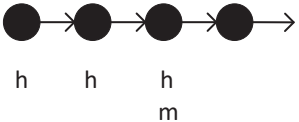
7. $(d \wedge g \wedge h) \rightarrow O^3 m$

If at time T , d and g and h are all TRUE, then at time $T+3$ m must TRUE



8. $(m R h)$

At any time, h must be TRUE until (and including) when m is TRUE



9. $e \wedge O^2(k \wedge g) \rightarrow O^2m$

If at time T , e is TRUE and at time $T+2$ both k and g are TRUE, then at time $T+2$ m must TRUE

