

2. (a)  $f \leftarrow 0$ , since  $f$  is not watched, nothing changed

a: watched pins  $\{a, d\}$   
watching-0  $\{ \}$   
watching-1  $\{ \}$   
watching-known  $\{a\}$

b: watched pins  $\{b, i\}$   
watching-0  $\{ \}$   
watching-1  $\{b, c\}$   
watching-known  $\{ \}$

c: watched pins  $\{c, b\}$   
watching-0  $\{c\}$   
watching-1  $\{ \}$   
watching-known  $\{ \}$

(b)  $b \leftarrow 1$

a: watched pins  $\{a, d\}$   
watching-0  $\{ \}$   
watching-1  $\{ \}$   
watching-known  $\{a\}$

b: watched pins  $\{i, k\}$   
watching-0  $\{ \}$   
watching-1  $\{ \}$   
watching-known  $\{ \}$

c: watched pins  $\{c, g\}$   
watching-0  $\{c\}$   
watching-1  $\{ \}$   
watching-known  $\{ \}$

(c)  $e \leftarrow 0$ : not watched, nothing changed

a: watched pins  $\{a, d\}$   
watching-0  $\{ \}$   
watching-1  $\{ \}$   
watching-known  $\{a\}$

b: watched pins  $\{i, k\}$   
watching-0  $\{ \}$   
watching-1  $\{ \}$   
watching-known  $\{ \}$

c: watched pins  $\{c, g\}$   
watching-0  $\{c\}$   
watching-1  $\{ \}$   
watching-known  $\{ \}$

(d)  $a \leftarrow 1$

a: watched pins  $\{a, d\}$   
watching-0  $\{ \}$   
watching-1  $\{ \}$   
watching-known  $\{ \}$

b: watched pins  $\{i, k\}$   
watching-0  $\{ \}$   
watching-1  $\{ \}$   
watching-known  $\{ \}$

c: watched pins  $\{c, g\}$   
watching-0  $\{c\}$   
watching-1  $\{ \}$   
watching-known  $\{ \}$

"d is implied to be 0"

(e)  $l \leftarrow 1$ , not watched, nothing changed

a: watched pins  $\{a, d\}$   
watching-0  $\{ \}$   
watching-1  $\{ \}$   
watching-known  $\{ \}$

b: watched pins  $\{i, k\}$   
watching-0  $\{ \}$   
watching-1  $\{ \}$   
watching-known  $\{ \}$

c: watched pins  $\{c, g\}$   
watching-0  $\{c\}$   
watching-1  $\{ \}$   
watching-known  $\{ \}$

(f)  $j \leq 0$

a: watched pins {a, d}  
 watching-0 { }  
 watching-1 { }  
 watching-known { }

b: watched pins {j, k}  
 watching-0 { }  
 watching-1 { }  
 watching-known { }

c: watched pins {c, g}  
 watching-0 { c }  
 watching-1 { }  
 watching-known { }

(g)  $g \leq 0$

a: watched pins {a, d}  
 watching-0 { }  
 watching-1 { }  
 watching-known { }

b: watched pins {j, k}  
 watching-0 { }  
 watching-1 { }  
 watching-known { }

c: watched pins {i, h}  
 watching-0 { }  
 watching-1 { }  
 watching-known { }

"c is implied to be 0"

(h)  $h \leq 1$

a: watched pins {a, d}  
 watching-0 { }  
 watching-1 { }  
 watching-known { }

b: watched pins {j, k}  
 watching-0 { }  
 watching-1 { }  
 watching-known { }

c: watched pins {i, h}  
 watching-0 { }  
 watching-1 { }  
 watching-known { }

