

NB STEPS: 57

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c0q1 = bat(1)=9, bat(2)=9, bat(3)=9, bat(4)=9, bat(5)=9, bat(6)=9, bat(7)=9, bat(8)=9, h=7, sw=1 -[ Fail ]-> c1q1 = bat(1)=9, bat(2)=9, bat(3)=9, bat(4)=9, bat(5)=9, bat(6)=9, bat(7)=9, bat(8)=8, h=7, sw=1
c1q1 = bat(1)=9, bat(2)=9, bat(3)=9, bat(4)=9, bat(5)=9, bat(6)=9, bat(7)=9, bat(8)=8, h=7, sw=1 -[ Repair ]-> c0q1 = bat(1)=9, bat(2)=9, bat(3)=9, bat(4)=9, bat(5)=9, bat(6)=9, bat(7)=9, bat(8)=9, h=7, sw=1
c0q1 = bat(1)=9, bat(2)=9, bat(3)=9, bat(4)=9, bat(5)=9, bat(6)=9, bat(7)=9, bat(8)=9, h=7, sw=1 -[ Fail ]-> c45q1 = bat(1)=8, bat(2)=9, bat(3)=9, bat(4)=9, bat(5)=9, bat(6)=9, bat(7)=9, bat(8)=9, h=7, sw=8
c45q1 = bat(1)=8, bat(2)=9, bat(3)=9, bat(4)=9, bat(5)=9, bat(6)=9, bat(7)=9, bat(8)=9, h=7, sw=8 -[ Fail ]-> c46q1 = bat(1)=8, bat(2)=9, bat(3)=9, bat(4)=9, bat(5)=9, bat(6)=9, bat(7)=9, bat(8)=8, h=7, sw=4
c46q1 = bat(1)=8, bat(2)=9, bat(3)=9, bat(4)=9, bat(5)=9, bat(6)=9, bat(7)=9, bat(8)=8, h=7, sw=4 -[ Fail ]-> c47q1 = bat(1)=8, bat(2)=9,

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[illegible]

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=  $\exists(i, j).(\text{and}(\text{and}(i \in [1..n], j \in [1..n]), \text{and}(i \neq j, \text{bat}(i)=\text{ok}[9], \text{bat}(j)=\text{ok}[9], h=\text{tic}[6])))), \neg(p1 = h=\text{tac}[7]))$   
q2 = (p0 =  $\exists(i, j).(\text{and}(\text{and}(i \in [1..n], j \in [1..n]), \text{and}(i \neq j, \text{bat}(i)=\text{ok}[9], \text{bat}(j)=\text{ok}[9], h=\text{tic}[6])))), \neg(p1 = h=\text{tac}[7]))$  -[ Fail ]-> q2 = (p0  
=  $\exists(i, j).(\text{and}(\text{and}(i \in [1..n], j \in [1..n]), \text{and}(i \neq j, \text{bat}(i)=\text{ok}[9], \text{bat}(j)=\text{ok}[9], h=\text{tic}[6])))), \neg(p1 = h=\text{tac}[7]))$   
q2 = (p0 =  $\exists(i, j).(\text{and}(\text{and}(i \in [1..n], j \in [1..n]), \text{and}(i \neq j, \text{bat}(i)=\text{ok}[9], \text{bat}(j)=\text{ok}[9], h=\text{tic}[6])))), \neg(p1 = h=\text{tac}[7]))$  -[ Repair ]-> q2 =  
(p0 =  $\exists(i, j).(\text{and}(\text{and}(i \in [1..n], j \in [1..n]), \text{and}(i \neq j, \text{bat}(i)=\text{ok}[9], \text{bat}(j)=\text{ok}[9], h=\text{tic}[6])))), \neg(p1 = h=\text{tac}[7]))$ )
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SET_RCHD_EXPECTED_AT:  
q1 =  $\neg(p0 = \exists(i, j).(\text{and}(\text{and}(i \in [1..n], j \in [1..n]), \text{and}(i \neq j, \text{bat}(i)=\text{ok}[9], \text{bat}(j)=\text{ok}[9], h=\text{tic}[6])))), (p1 = h=\text{tac}[7]))$  -[ Tic ]-> q0 =  $\neg(p0$   
=  $\exists(i, j).(\text{and}(\text{and}(i \in [1..n], j \in [1..n]), \text{and}(i \neq j, \text{bat}(i)=\text{ok}[9], \text{bat}(j)=\text{ok}[9], h=\text{tic}[6])))), \neg(p1 = h=\text{tac}[7]))$ )
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SET\_UNRCHD\_AS:

SET\_UNRCHD\_EXPECTED\_AS:

SET\_UNRCHD\_AT:

SET\_UNRCHD\_EXPECTED\_AT:

TIME\_ATS: 00:00:12.866

TIME\_TESTS: 00:00:00.002