Problem 1:

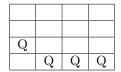
Initial: Number of attacking Queens: 4

ſ	Q	Q	Q	Q

State 1:

Number of attacking Queens: 4

Board Number :



State 2:

Number of attacking Queens: 2

Board Number: 64

	Q		
Q			
		Q	Q

State 3:

Number of attacking Queens: 0

	Q		
			Q
Q			
		Q	

Problem 2:

Q			
	Q		
		Q	
			Q

Problem 3:

Board 1:

Number of attacking Queens: 4

Q	Q	Q	Q

Child 1:

Number of attacking Queens: 4

Board Number: 8

Q			
	Q	Q	Q

Child 2:

Number of attacking Queens: 4

Board Number : 12

Q			
	Q	Q	Q

Board 2:

Number of attacking Queens: 4

Q			
	Q		
		Q	
			Q

Child 1:

Number of attacking Queens: 4

Board Number : 4

	_		
	Q		
		Q	
Q			Q

Child 2:

Number of attacking Queens: 4

		Q		
Q	!		Q	
				Q

After Selecting best children. We are left with :

New Board 1:

Number of attacking Queens: 4

Q			
	Q	Q	Q

Child 1:

Number of attacking Queens: 3

Board Number: 64

	Q		
Q		Q	Q

Child 2:

Number of attacking Queens: 3

Board Number: 192

		Q	
Q			
	Q		Q

New Board 2:

Number of attacking Queens: 4

	Q		
		Q	
Q			Q

Child 1:

Number of attacking Queens: 3

	Q		
		Q	
Q			Q

Child 2:

Number of attacking Queens: 4

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