

## 1. Predicates from the example:

P1: month1 = month 2

P2: (m4 != 0) || ((m100 == 0) && (m400 != 0))

## 2. Truth tables:

Num	month1 = month2	P	Pmonth1 = month2
1	T	T	T
2	F	F	T

Num	M4	M100	M400	P	PM4	PM100	PM400
1	T	T	T	T			
2	T	T	F	T	T		
3	T	F	T	T	T		
4	T	F	F	T	T		
5	F	T	T	T		T	T
6	F	T	F	F	T		T
7	F	F	T	F	T	T	
8	F	F	F	F	T		

## 3. Test Requirements for: CACC, RACC

### CAAC

Major Clause	Set Of Possible Test
month1 = month2	(1, 2)

### RACC

Major Clause	Set Of Possible Test
month1 = month2	(1, 2)

Tests:

T1: 1,

T2: 2.

=====

CAAC

Major Clause	Set Of Possible Test
m4 != 0	(2,6), (2,7), (2,8), (3,6), (3,7), (3,8), (4,6), (4,7), (4,8)
m100 == 0	(5,7)
m400 != 0	(5,6)

RACC

Major Clause	Set Of Possible Test
m4 != 0	(2, 6), (3, 7), (4, 8)
m100 == 0	(5, 7)
m400 != 0	(5,6)

Tests:

T1: 4,

T2: 8,

T3: 5,

T4: 7,

T5: 6.