

**a** = (0, 2, 3, 7, 8, 9, 10, 12)

**b** = (2, 2, 3, 2, 2, 2, 4, 5, 6, 7, 8, 8)

**init**

A	1	2	3	4	5	6	7	8
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

**filled**

A	1	2	3	4	5	6	7	8
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								