

TD

Algo / explanation

Ex. 1

Q1

A	B	C	D	E	F
	1	1	1		
2	2	2		2	
3	3	3	3		3
			4	4	
5	5				
6		6		6	6
7	7			7	7
			8		8
		9		9	
10	10				10

A	B	C	D	E	F
1	0	1	1	1	0
2	1	1	1	0	1
3	1	1	1	1	1
4	0	0	1	1	0
5	1	1	0	0	0
6	1	0	1	0	1
7	1	1	0	0	1
8	0	0	0	1	1
9	0	0	1	0	0
10	1	1	0	0	1

Q2

$$\text{freq}(ACD) = 1 (10\%)$$

$$\text{cover}(ACD) = \{3\}$$

$$\text{freq}(CE) = 3 (30\%)$$

$$\text{cover}(CE) = \{2, 6, 9\}$$

$$\text{freq}(BCE) = 2 (20\%)$$

$$\text{cover}(BCE) = \{2, 7\}$$

$$\text{freq}(ABCE) = 1 (10\%)$$

$$\text{cover}(ABCE) = \{2\}$$

$$\text{freq}(E) = 5 (50\%)$$

$$\text{cover}(E) = \{2, 4, 6, 7, 9\}$$

$$\text{freq}(D) = 4 (40\%)$$

$$\text{cover}(D) = \{1, 3, 4, 8\}$$

$$\text{freq}(BC) = 3 (30\%)$$

$$\text{cover}(BC) = \{1, 2, 3\}$$

$$\text{freq}(F) = 5 (50\%)$$

$$\text{cover}(F) = \{3, 6, 7, 8, 10\}$$

$$\text{freq}(DEF) = 1 (10\%)$$

$$\text{cover}(DEF) = \{3\}$$

$$\text{freq}(EF) = 2 (20\%)$$

$$\text{cover}(EF) = \{6, 7\}$$

Q3 ACD, CE, BCE, ABCE, F, D, BC, E

Q4 BC &lt; BCE donc BC et BCE comparables, E et A ne sont pas comparables