2 1 3 4

	0	1	2	3	4
$\{a_1\}$	2	2	3	4	
$\{a_1, a_2\}$	2	3	5	5	
$\{a_1, a_2, a_3\}$					

No

$S_1 = \{\{7, 8\}, \{1, 2, 3, 4, 5\}\}$

$S_2 = \{\{3, 4, 8\}, \{1, 2, 5, 7\}\}$

2 3 7 8 1 4 5 → 30/2 = 15

	0	1	2	3	4	5	6
1	2	3	7 [7]	8	8	8	8
2	2	5	10	15 {7,8}	15	15	15
3	2	5	12	18 {3,7,8}	18	19	20
4	2	5	12	20	20	22 {3,7,8,4}	24
5	2	5	12	20	21	24	27
6	2	5	12	20	21	25	29
7	2	5	12	20	21	25	30

Bien ✓

$$A_{f,c} = \begin{cases} \max_{0 \le k \le c}(P_c), & f = 1 \\ \max_{0 \le k < c}(A_{f-1,c}) + P_c, & f > 0 \end{cases}$$