

		X						X						
			X		X								X	
			X	X										X
							X			X				
							X							
					X			X				X		X
					X					X				
				X		X								
				X					X					
X		X					X							X
				X					X					
					X		X			X				
					X			X			X			
			X							X				
			X		X		X							

Try to grow rectangles from corners.

Then optimise.

O	2	1	X	5	4	3	2	1	X	6	5	4	3	2	1
N	3	2	1	X	1	X	7	6	5	4	3	2	1	X	1
M	3	2	1	X	X	9	8	7	6	5	4	3	2	1	X
L	7	6	5	4	3	2	1	X	2	1	X	4	3	2	1
K	7	6	5	4	3	2	1	X	7	6	5	4	3	2	1
J	5	4	3	2	1	X	2	1	X	3	2	1	X	1	X
I	5	4	3	2	1	X	4	3	2	1	X	4	3	2	1
H	4	3	2	1	X	1	X	8	7	6	5	4	3	2	1
G	4	3	2	1	X	4	3	2	1	X	5	4	3	2	1
F	X	1	X	4	3	2	1	X	5	4	3	2	1	X	1
E	4	3	2	1	X	4	3	2	1	X	5	4	3	2	1
D	5	4	3	2	1	X	1	X	2	1	X	4	3	2	1
C	5	4	3	2	1	X	2	1	X	2	1	X	3	2	1
B	3	2	1	X	6	5	4	3	2	1	X	4	3	2	1
A	3	2	1	X	1	X	1	X	7	6	5	4	3	2	1

0

Want to deal only with rectangles that are not inside a larger one.

P

O	2	1	X	5	4	3	2	1	X	6	5	4	3	2	1
N	3	2	1	X	1	X	7	6	5	4	3	2	1	X	1
M	3	2	1	X	X	9	8	7	6	5	4	3	2	1	X
L	7	6	5	4	3	2	1	X	2	1	X	4	3	2	1
K	7	6	5	4	3	2	1	X	7	6	5	4	3	2	1
J	5	4	3	2	1	X	2	1	X	3	2	1	X	1	X
I	5	4	3	2	1	X	4	3	2	1	X	4	3	2	1
H	4	3	2	1	X	1	X	8	7	6	5	4	3	2	1
G	4	3	2	1	X	4	3	2	1	X	5	4	3	2	1
F	X	1	X	4	3	2	1	X	5	4	3	2	1	X	1
E	4	3	2	1	X	4	3	2	1	X	5	4	3	2	1
D	5	4	3	2	1	X	1	X	2	1	X	4	3	2	1
C	5	4	3	2	1	X	2	1	X	2	1	X	3	2	1
B	3	2	1	X	6	5	4	3	2	1	X	4	3	2	1
A	3	2	1	X	1	X	1	X	7	6	5	4	3	2	1

0

row	width	event	stack	note	best
	0		-0		0
A		widen			
	3		A0 -0		0
B		nothing			0
C		widen			
	5		C3 A0 -0		0
D		nothing			0
E		narrow *		$5 \times (E-C) = 10$	10
	4		C3 A0 -0		
F		narrow		$4 \times (F-C) = 12$	12
	3		A0 -0		
		narrow		$3 \times (F-A) = 15$	15
	0		-0		
G		widen			15
	4		G0 -0		
H		nothing			15
I		widen			15
	5		I4 G0 -0		
J		nothing			15
K		widen			15
	7		K5 I4 G0 -0		
L		nothing			15
M		narrow		$7 \times (M-K) = 14$	15
	5		I4 G0 -0		

		narrow		$5 \times (M-I) = 20$	20
	4		G0 -0		
		narrow *		$4 \times (M-G) = 24$	
	3		G0 -0		24
N		nothing			24
O		narrow		$3 \times (O-G) = 24$	24
	2		G0 -0		
P		narrow		$2 \times (O-G) = 16$	24
	0		-0		

P

O	2	1	X	5	4	3	2	1	X	6	5	4	3	2	1
N	3	2	1	X	1	X	7	6	5	4	3	2	1	X	1
M	3	2	1	X	X	9	8	7	6	5	4	3	2	1	X
L	7	6	5	4	3	2	1	X	2	1	X	4	3	2	1
K	7	6	5	4	3	2	1	X	7	6	5	4	3	2	1
J	5	4	3	2	1	X	2	1	X	3	2	1	X	1	X
I	5	4	3	2	1	X	4	3	2	1	X	4	3	2	1
H	4	3	2	1	X	1	X	8	7	6	5	4	3	2	1
G	4	3	2	1	X	4	3	2	1	X	5	4	3	2	1
F	X	1	X	4	3	2	1	X	5	4	3	2	1	X	1
E	4	3	2	1	X	4	3	2	1	X	5	4	3	2	1
D	5	4	3	2	1	X	1	X	2	1	X	4	3	2	1
C	5	4	3	2	1	X	2	1	X	2	1	X	3	2	1
B	3	2	1	X	6	5	4	3	2	1	X	4	3	2	1
A	3	2	1	X	1	X	1	X	7	6	5	4	3	2	1

0