



Solution 4: Pictorial & Optimization Puzzles (Week 4)

Pictorial Puzzle

2-12-27-43-68-104-?

Number sequence consists of the digital numbers.

A digital number forms by showing the relevant segments of the 7 segments.

(There are 7 elements at the number sequence.)



Number		Segment Count		Number * Segment Count	Add	Sequence
1	↓	*	2	=	2	2
2		*	5	=	10	12
3		*	5	=	15	27
4		*	4	=	16	43
5		*	5	=	25	68
6		*	6	=	36	104
7	↓	*	3	=	21	125

Optimization Puzzle:

The highest score is belong to Chwang-Xin Chen: **330,505,051,117,035**

SOLUTION:

					2				
					6				
				6					
		6							
			9						
10	10			6	6	10	10	10	10
		5							
		6							
		6							
			5						
		4							
								8	
2		2	3	1	3	4			

2
6
6
6
6
9
66101010101010
5
6
6
5
4
8
122334

66.101.010.223.407

x 5 = **330.505.051.117.035**