# Problem of the Week Problem D Sum New Year! 

The positive integers are written consecutively in rows, with seven integers in each row. That is, the first row contains the integers $1,2,3,4,5,6$, and 7 . The second row contains the integers $8,9,10,11,12,13$, and 14 . The third row contains the integers $15,16,17,18,19,20$, and 21 , and so on.


The row sum of a row is the sum of the integers in the row. For example, the row sum of the first row is $1+2+3+4+5+6+7=28$.

Determine the numbers in the row that has a row sum closest to 2024 .


