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More less is more

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Q1 Take-sum

$$87 - 12 < 46 + 53$$

$$\begin{array}{c} \swarrow \searrow \\ 75 \end{array}$$

$$\begin{array}{c} \swarrow \searrow \\ 99 \end{array}$$

Sum-sum

$$73 + 61 < 84 + 52$$

$$\begin{array}{c} \swarrow \searrow \\ 134 \end{array}$$

$$\begin{array}{c} \swarrow \searrow \\ 136 \end{array}$$

Take ~~+~~ Take

$$75 - 14 < 86 - 23$$

$$\begin{array}{c} \swarrow \searrow \\ 61 \end{array}$$

$$\begin{array}{c} \swarrow \searrow \\ 63 \end{array}$$

Sum-Take

$$27 + 45 < 86 - 12$$

$$\begin{array}{c} \swarrow \searrow \\ 72 \end{array}$$

$$\begin{array}{c} \swarrow \searrow \\ 74 \end{array}$$

Q2

## Take-Sum

$87-12 < 46+53$  is better than other solutions because of the ~~the~~ following strategy:

on the (L-Left side) of the LS the biggest possible number should be subtracted by the smallest number. That gives us the biggest score,

Example:

$$\begin{array}{r}
 98-23 < 76+54 \\
 \swarrow \quad \searrow \quad \quad \swarrow \quad \searrow \\
 75 \quad \quad \quad 130
 \end{array}$$

Q3

Example

$$\begin{array}{r}
 98-01 < 83+82 \\
 \swarrow \quad \quad \quad \searrow \\
 97 \quad \quad \quad 165
 \end{array}$$

The last digits of a sequence (The biggest numbers.) From them smallest numbers should be subtracted.

Date: \_\_\_\_\_

You will get the biggest score.