



Problem-Solving Initiative

Grid Addition

(Difficultly **medium** – **difficult**)

Starting with any number on the top row, make your way to the bottom, adding the numbers as you go.

Each time you go to the next row, you can move straight down, or one place to the left or right.

What is the highest total you can make? What is the lowest?

1	5	1	5	1	5
3	3	2	3	3	4
2	3	4	4	3	2
2	2	3	2	2	4
2	2	4	3	4	2
4	4	4	4	2	3



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Answer:

Highest 24

Lowest 12

1	5	1	5	1	5
3	3	2	3	3	4
2	3	4	4	3	2
2	2	3	2	2	4
2	2	4	3	4	2
4	4	4	4	2	3