

A newspaper has 4 pages missing i can tell you that pages 6 and 19 are missing. How many pages were in the original newspaper?

In newspaper pages $1, 2, n - 1, n$ are in one list of paper (n – number of last page) pages

$3, 4, n - 3, n - 2$ in another list,

therefore in one list we have pages with numbers:

$2k + 1, 2k + 2, n - 2k - 1, n - 2k$, k - some integer number (0, 1, 2 ...)

Therefore:

$$6 = 2k + 2 \Rightarrow k = 2$$

$$19 = n - 2k - 1 \Rightarrow n = 19 + 2 * 2 + 1 = 24$$

Answer: in the original newspaper were 24 pages