**Reading the News**

Grace wants to read more news in order to stay in the loop, but she needs to set aside more time to read the news. She has a total of X minutes to dedicate to reading the news. There are N newspapers, and each one of them requires ai minutes to read. Find the maximum number of newspapers she can read.

**Input:** The first line contains N and X. The second line contains N space-separated intergers.

**Output:** The maximum number of newspapers she can read in the allotted time.

**Example Input:**

6 15

4 3 8 4 7 3

**Example Output:**

4

**Explanation:** You are given 15 minutes to read as many newspapers as possible. If you get the four newspapers that take the shortest amount of time to read, you will have used 14 minutes but will have read a total of four newspapers, which is the maximum you can read.