Problem P. P

Time limit	1000 ms
Code length Limit	50000 B
OS	Linux

Chef has finally decided to complete all of his pending assignments.

There are X assignments where each assignment takes Y **minutes** to complete.
Find whether Chef would be able to complete all the assignments in Z **days**.

Input Format

- The first line of input will contain a single integer T, denoting the number of test cases.
- Each test case consists three space-separated integers X, Y, and Z — the number of assignments, time taken in minutes to complete each assignment, and the number of days in which Chef wants to complete the assignments.

Output Format

For each test case, output on a new line, `YES`, if Chef would be able to complete all the assignments in Z **days**. Otherwise, print `NO`.

You may print each character of the string in uppercase or lowercase (for example, the strings `YES`, `yEs`, `yes`, and `yeS` will all be treated as identical).

Constraints

- $1 \leq T \leq 10^5$
- $1 \leq X, Y \leq 100$
- $1 \leq Z \leq 10$

Sample 1

Input	Output
3 5 5 5 50 80 2 20 72 1	YES NO YES

Test case 1: Chef needs a total of $5 \cdot 5 = 25$ minutes to complete all the assignments.
Thus, he would be able to complete the assignments in 5 days.

Test case 2: Chef needs a total of $50 \cdot 80 = 4000$ minutes to complete all the assignments.
However, in 2 days, he only has $2 \cdot 24 \cdot 60 = 2880$ minutes.
Thus, he would not be able to complete the assignments in 2 days.

Test case 3: Chef needs a total of $20 \cdot 72 = 1440$ minutes to complete all the assignments. In 1 days, he has $24 \cdot 60 = 1440$ minutes.
Thus, he would be able to complete the assignments in 1 day.